



# *Annual Report*

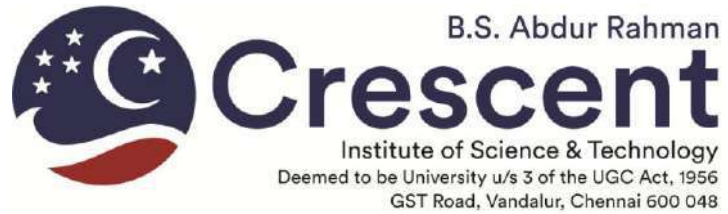
# 2019-20



B.S. Abdur Rahman

## **Crescent**

Institute of Science & Technology  
Deemed to be University u/s 3 of the UGC Act, 1956



# **ANNUAL REPORT 2019 - 20**

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## **VISION AND MISSION OF THE INSTITUTION**

### **VISION**

B.S. Abdur Rahman Crescent Institute of Science and Technology aspires to be a leader in Education, Training and Research in multidisciplinary areas of importance and to play a vital role in the Socio – Economic progress of the country in a sustainable manner.

### **MISSION**

- To blossom into an internationally renowned Institute.
- To empower the youth through quality and value – based education.
- To promote professional leadership and entrepreneurship.
- To achieve excellence in all its endeavors to face global challenges.
- To provide excellent teaching and research ambience.
- To network with global institutions of Excellence, Business, Industry and Research organizations.
- To contribute to the knowledge base through scientific enquiry, applied research and innovation.

## **ADMINISTRATION**

### **FOUNDER**

Alhaj. Dr. B.S. ABDUR RAHMAN

### **CHANCELLOR**

Mr. BSA ARIF BUHARY RAHMAN, M.B.A

### **PRO CHANCELLOR**

Mr. ABDUL QADIR ABDUL RAHMAN BUHARI, B.E., M.B.A.

### **VICE CHANCELLOR I/C and PRO VICE - CHANCELLOR**

Dr.A.PEER MOHAMED, B.Tech, M.Tech, Ph.D

### **REGISTRAR**

Dr.A. AZAD, Ph.D

### **SENIOR GENERAL MANAGER (ESTATE OFFICE)**

Mr. V.N.A. JALAL, B.A., B.L.

### **CONTROLLER OF EXAMINATIONS**

Dr. M.MUNIR AHAMED RABBANI, M.Sc., B. Ed., M.Phil. PGDCA, MCA., Ph.D

## **ACADEMIC**

### **DEAN (ACADEMIC AFFAIRS)**

Dr. M.S. HAJI SHEIK MOHAMMED, B.E., M.S., Ph.D, SMRILEM, MASCE, MNACE,  
MICI, MSAEST

### **DEAN (ACADEMIC RESEARCH)**

Dr. I.RAJA MOHAMED, M.Sc., B. Ed., PGDCA, M. Phil., Ph.D

### **DEAN (STUDENT AFFAIRS)**

Dr. KARTHIKEYAN RAMALINGAM, M.Sc., M.Phil., Ph.D

**DEAN (SCHOOL OF COMPUTER, INFORMATION & MATHEMATICAL SCIENCES)**

Dr. VENKATESANSELVAM, B.E, M.E, Ph.D(CSE), LMISTE, MCSI., MIAENG., IACSIT., FSIESRP.

**DEAN (SCHOOL OF ELECTRICAL & COMMUNICATION SCIENCES)**

Dr. D.NAJUMNISSA JAMAL, B.E, M.E., Ph.D

**DEAN (SCHOOL OF INFRASTRUCTURE)**

Dr. VASANTHI PADMANABHAN, M.Tech., Ph.D

**DEAN (SCHOOL OF MECHANICAL SCIENCES)**

Dr. S. RASOOL MOHIDEEN, B.E., M.E, Ph.D

**DEAN (CRESCENT SCHOOL OF ARCHITECTURE)**

Prof. G. JAYALAKSHMI, B.Arch., M.Arch.

**DEAN (SCHOOL OF LIFE SCIENCES)**

Dr. S. HEMALATHA, M.Sc., Ph.D.

**DEAN (SCHOOL OF PHYSICAL AND CHEMICAL SCIENCES)**

Dr. S. KUTTI RANI, M.Sc., M.Phil., Ph.D

**DEAN (SCHOOL OF SOCIAL SCIENCES AND HUMANITIES)**

Dr. AYUB KHAN DAWOOD, M.Com, M.Phil, M.B.A. (Fin) PGD PM & IR, Ph.D

**DEAN (CRESCENT SCHOOL OF BUSINESS)**

Dr. K.SRINIVASAN, B.Sc., M.B.A, Ph.D

**DEAN (SCHOOL OF ISLAMIC STUDIES)**

Dr. P.S. SYED MASOOD JAMALI, M.A., Ph.D



**DEAN (SCHOOL OF PHARMACY)**

Dr. M. VIJAYA VARA PRASAD, M.Pharm, Ph.D

**DEAN (SCHOOL OF LAW)**

Dr. K NILAMUDEEN, M.A, M.L, Ph.D

**DIRECTOR - CENTRE FOR LEADERSHIP**

Dr. SHANMUGAM MUNUSWAMY, B.Com, M.Com, M. Ed, M.Phil, Ph.D

**DIRECTOR (CENTRE FOR ENERGY, SPONSORED PROJECTS AND CONSULTANCY)**

Prof.T HARINARAYANA, Ph.D (ISM), Ph.D (UK)

**DIRECTOR (ACCREDITATION & RANKING)**

Dr. R. RAJA PRABU, B.E., M.E., Ph.D.

**DIRECTOR (INTERNATIONAL RELATION)**

Mrs. TAKHELLAMBAM ROCKY DEVI, B.Sc., MBA

**DIRECTOR (DATA CENTRE)**

Dr. LATHA TAMILSELVAN, B.E, M.E., Ph.D

**DIRECTOR (HUMAN RESOURCES & FACULTY TRAINING AND DEVELOPMENT)**

Dr. NIKHAT M HAMZA, MBA., Ph.D

**DIRECTOR & CEO (CRESCENT INNOVATION & INCUBATION COUNCIL-CIIC)**

Mr.M. PARVEZ ALAM, BE, MBA, CCIO, RTTP, PMP, ACP, CSSBB, MCTS, CDA, CDAP, DALSM

**DIRECTOR I/C (CENTRE FOR DIGITAL MEDIA)**

Dr. SYED MOHSIN ASHFAQUDDIN, B.E, MBA, NET, Ph.D.

## **HEAD OF THE DEPARTMENTS**

### **SCHOOL OF COMPUTER, INFORMATION & MATHEMATICAL SCIENCES**

#### **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Dr. E.SYED MOHAMED, B.E (EEE), M.E (CSE), Ph.D (CSE)

#### **DEPARTMENT OF INFORMATION TECHNOLOGY**

Dr. I.SATHIK ALI, MCA, M.E., Ph. D

#### **DEPARTMENT OF COMPUTER APPLICATIONS**

Dr. GUFRAH AHMAD ANSARI, Ph.D

#### **DEPARTMENT OF MATHEMATICS**

Dr. S.RAJASEKARAN, M.Sc., Ph.D

### **SCHOOL OF ELECTRICAL & COMMUNICATION SCIENCES**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Dr. Y. MOHAMED SHUAIB, M.E, Ph.D

#### **DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

Dr.C.THARINI, M.E., Ph.D

#### **DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**

Dr. P.K. JAWAHAR, B.E., M.Tech., Ph.D

### **SCHOOL OF INFRASTRUCTURE**

#### **DEPARTMENT OF CIVIL ENGINEERING**

Dr. VASANTHI PADMANABHAN, B.Tech, M.Tech., Ph.D

## **SCHOOL OF MECHANICAL SCIENCES**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

Dr. H. SIDDIH JAILANI, B.E., M.E, Ph.D

### **DEPARTMENT OF AEROSPACE ENGINEERING**

Dr. ASHOKE GHOSH, B.Tech, (HONORS), MBA, MS., Ph.D

### **DEPARTMENT OF AUTOMOBILE ENGINEERING**

Dr. ASHOKE GHOSH, B.Tech, (HONORS), MBA, MS., Ph.D

### **DEPARTMENT OF POLYMER ENGINEERING**

Dr.S.S.M. ABDUL MAJEED, M.Sc, Ph.D.

## **SCHOOL OF PHYSICAL AND CHEMICAL SCIENCES**

### **DEPARTMENT OF PHYSICS**

Dr. M.BASHEER AHAMED, M.Sc., M.Phil, Ph.D

### **DEPARTMENT OF CHEMISTRY**

Dr. D.EASWARAMOORTHY, M.Sc., Ph.D

## **SCHOOL OF SOCIAL SCIENCES & HUMANITIES**

### **DEPARTMENT OF ENGLISH**

Dr. H. SOFIA, M.A., M.Ed., M.Phil, Ph.D

### **DEPARTMENT OF COMMERCE**

Dr. AFZALUR RAHMAN, B.Com, M.Com, MBA, ANIIT, Ph.D

## **SCHOOL OF BUSINESS**

### **DEPARTMENT OF MANAGEMENT STUDIES**

Dr. SHANMUGAM MUNUSWAMY, B.Com, M.Com, M. Ed, M.Phil, Ph.D

## **OTHERS**

### **LIBRARIAN**

Dr. P.PANNEER SELVAM, M.A., M.L.I.Sc., Ph.D.

### **PLACEMENT & TRAINING CELL**

Dr. K.GANESH, MBA., Ph.D.

### **PHYSICAL EDUCATION**

Dr. S. SELVAKUMAR, M.A, M.PEd, M.Phil, M.Sc (Yoga), MBA, NSNIS. (Cric) DNCC.Ph.D

## **SUMMARY**

The Institution is guided by Mr. BSA Arif Buhary Rahman, Chancellor and Pro Chancellor Mr. Abdul Qadir Abdul Rahman Buhari, Board of management and administered by a team headed by Dr.A.Peer Mohamed, Vice Chancellor i/c and Pro Vice – chancellor and Dr.A. Azad, Registrar are making sincere efforts to achieve excellence in Teaching - Learning process, Research, Consultancy and Extension activities. The administration is also supported by the Controller of Examinations, Deans, Directors, Professors, Head of the Departments and Faculty members.

## OFFICE OF DEAN, ACADEMIC AFFAIRS

The main objective of the Office of Dean, Academic Affairs is planning and development of all academic programmes of the Institute such that it is dynamic, up-to-date, in line with current scientific developments and industrial relevance; and caters to the needs of stakeholders. The office plans the annual academic, technical and co-curricular activities including examination schedule for the holistic development of the students to face the challenges of the real world. It also manages the implementation of quality improvement practices by the faculty through proper guidance / motivation based on the feedback from students and other stakeholders. The office helps the students in the redressal of academic related issues with ease by extending full cooperation.

The Office of Academic affairs carries out the following activities:

- Facilitating update of curriculum and syllabus for academic programmes
- Formulating regulations for academic programmes
- Ensuring quality teaching – learning process through structured mechanism
- Monitoring internal quality assurance mechanism
- Monitoring Institute Transformation KPI's
- Facilitating departments to organize Board of Studies
- Facilitating conduct of Academic Council, Academic & Administration Audit
- Preparing Academic Calendar and facilitate Time-Table preparation
- Facilitating the conduction of redo courses by Departments
- Holistically monitoring the academic system of the Institute
- Redressing academic related student grievances

### **I. Programmes Offered in 2019-20:**

B.S. Abdur Rahman Institute of Science and Technology offered the following programmes in the academic year 2019-20:

S.No.	Programmes offered
1	B.Tech. Civil Engineering
2	B.Tech. Mechanical Engineering
3	B.Tech. Automobile Engineering
4	B.Tech. Aeronautical Engineering
5	B.Tech. Polymer Engineering
6	B.Tech. Electrical & Electronics Engineering
7	B.Tech. Electronics & Communication Engineering
8	B.Tech. Electronics & Instrumentation Engineering
9	B.Tech. Computer Science & Engineering
10	B.Tech. Information Technology
11	B.Tech. Biotechnology
12	B.Arch. Architecture
13	B.Des. Interior Design
14	B.Pharm. Pharmacy
15	BBA.LL.B (Hons.)
16	B.A.LL.B (Hons.)
17	B.Sc. Biotechnology
18	B.Sc. Computer Science
19	BCA .Computer Application
20	B.Com. (General)
21	B.Com. Accounts & Finance
22	B.Com. (Hons.)
23	BBA (General)
24	BBA Entrepreneurship & Family Business
25	BBA Financial Services

26	B.A. English (Hons.)
27	B.A. Islamic Studies
28	M.Tech. Avionics
29	M.Tech. Biotechnology
30	M.Tech. CAD-CAM
31	M.Tech. Computer Science & Engineering
32	M.Tech. Construction Engineering & Project Management
33	M.Tech. Information Technology
34	M.Tech. Structural Engineering
35	M.Tech. Communication Systems
36	M.Arch. Architecture
37	MBA Business Administration
38	MCA Computer Application
39	M.Sc. Actuarial Science
40	M.Sc. Chemistry
41	M.Sc. Physics
42	M.Sc. Biotechnology
43	M.Sc. Biochemistry & Molecular Biology
44	M.Sc. Microbiology
45	M.A. Islamic Studies
46	PGDM

## **II. Academic Activities:**

- The classes for the academic year 2019-20 were started on the following days in the month of July:

Senior classes	Dates
School of Arabic and Islamic Studies	1 <sup>st</sup> July 2019



B.Tech, B.Arch. & all PG programme	15 <sup>th</sup> July 2019
B.Com, BBA, BCA, B.Sc., B.Pharm & Law programme	16 <sup>th</sup> July 2019

- The regular classes for the first year students of various programmes were started after the orientation programme in order to help them get accustomed to the college environment.

Orientation Programme (For Fresher's)	Dates
B. Tech. (Orientation programme as per AICTE guidelines)	10 <sup>th</sup> to 30 <sup>th</sup> July 2019
B. Arch & B. Des.	17 <sup>th</sup> July 2019
B.Com. / BCA / BBA / B.Pharm & Law	15 <sup>th</sup> July 2019
PG programme	19 <sup>th</sup> August 2019

- Class committee meetings were conducted to disseminate information regarding teaching learning methods and assessment patterns to the students. It was also a forum to get feedback about the effectiveness of the courses and course teacher handling the class.

- Level I and Level II Feedback were obtained from all the students on the course and course teacher.

- The even semester classes for all the UG and PG programme started from 8<sup>th</sup> January 2020.

### **III. Academic Calendar and Academic Schedule:**

- The Academic Calendar and Academic Schedule 2019-20 was prepared and circulated among the faculty and students. The same was displayed in the institution website.

- Regular classes and examinations were conducted as per the given schedule during the Odd semester 2019-20.

- However, due to the nationwide lockdown the spread of the pandemic Covid-19, changes had to be made in the schedule of even semester 2019-20.

- The teaching-learning process was continued online for all the theory courses and some of the software based laboratory courses.

- CAT 2 was also conducted through online mode from 5<sup>th</sup> May 2020.

- The conduct of semester end examinations and the award of passing grades were followed as per the directions of the concerned statutory bodies.

#### **IV. Learning Management System (LMS):**

- Crescent LMS was implemented in the even semester 2019-20 across all the programmes of the institution.
- Since March 16, 2020, when the institute was closed down based on Government guidelines, faculty members have been encouraged to continue teaching - learning process in the courses offered in the Even Semester 2019-2020 using this online portal, by uploading course materials, PPT, videos and audios for the benefit of the students.
- The assessment components were also facilitated through Crescent LMS. Internal components and formative assessments are assigned to students to ensure proper learning.
- Students were provided with login and user ID to access the course contents and actively participate in the learning process, in a secured manner, which is also monitored by the respective course teachers.
- The detail of the usage of LMS is given as below:

No. of students registered	4870
No. of faculty using LMS	213
No. of courses offered	393

#### **V. Entrepreneurship Courses:**

- As part of the MoU signed with Wadhvani Foundation, National Entrepreneurship Network (NEN), Basic Course in Entrepreneurship was taught to the students of the entire B. Tech. programme.
- The course Advanced Entrepreneurship was offered as an elective for those students who are interested in becoming entrepreneurs in the future.
- The following is the brief account of the activities undertaken through Wadhvani Foundation, National Entrepreneurship Network (NEN):

Month & Year	No. of Programmes Organized	No. of Students Benefited	No. of Faculty Members Benefited
Jul 2019 – Dec 2019	4	1172	5
Jan 2020 – Jun 2020	3	330	2

## VI. Value-added Courses:

- The staff and students of all programmes were encouraged to enroll in value added courses through IIT Bombay Spoken Tutorials portal. The courses help to enrich their knowledge and gather expertise in the areas of interest.

- The details of the students enrolled in the courses are given as follows:

S.No.	Details	Jul. 2019 – Dec. 2019	Jan. 2020 – May 2020
1	No. of students enrolled	3127	2088
2	No. of students completed	778	Exams not conducted due to lockdown
3	No. of courses enrolled	69	53

- An amount of Rs.1,19,600/- (Rupees One lakh nineteen thousand six hundred only) was generated as exam fees from the students who took up the test in the Odd semester.

- Our institute was nominated as Remote Center of IIT Bombay on 23<sup>rd</sup> May 2019. Our Institution Remote ID: 1568. (Remote Center URL: <http://www.nmeict.iitb.ac.in/nmeict/wsmng/searchrc.php?search=1568>)

- As remote center of IIT Bombay Spoken Tutorial, the following training programmes were conducted:

S. No.	Name of the workshop	Date	No. of Participants
1	One Day Main Workshop on C and CPP	29 <sup>th</sup> February 2020	22
2	One day workshop on R Programming	09 <sup>th</sup> November 2019	14
3	One day workshop on Python	22 <sup>nd</sup> June 2019	15

## VII. Result Analysis:

The results of the examinations during the academic year 2019-20 were analyzed and the details are as follows:

**Odd Semester 2019-20**

**UG Programmes**

**Semester: I**

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Tech Programmes</b>							
Civil Engg.	39	22	56	8	3	0	6
Aeronautical Engg.	29	22	76	2	1	3	1
Automobile Engg.	17	13	76	4	0	0	0
Mechanical Engg. (A & B)	65	41	63	7	9	6	2
Polymer Engg.	20	15	75	3	1	1	0
Electrical & Electronics Engg.	40	27	68	6	2	3	2
Electronics & Communication Engg(A&B)	87	65	75	6	2	4	10
Electronics & Instrumentation Engg.	11	9	82	1	0	1	0
Computer Science Engg. (A, B & C)	178	157	88	14	4	2	1
Information Technology	59	38	64	11	7	1	2
Biotechnology	41	36	88	3	2	0	0
<b>TOTAL</b>	<b>586</b>	<b>445</b>	<b>76</b>				
<b>B.Arch. / B.Des. Programme</b>							
B.Arch. (A&B)	72	65	90	6	0	0	1
B.Des.	39	32	82	7	0	0	0
<b>TOTAL</b>	<b>111</b>	<b>97</b>	<b>87</b>				

Arts & Science Programmes							
B.C.A. (CTIS) (A&B)	63	46	73	4	7	3	3
B.C.A. (MAIS)	20	15	75	4	1	0	0
B.C.A. (DS)	52	33	63	9	3	2	5
B.C.A. (MWAD)	22	15	68	3	1	1	2
B.Sc. (CS) (A&B)	43	27	63	7	1	3	5
B.Sc. (Biotechnology)	51	32	63	3	2	10	4
B.B.A. L.L.B. (Hons.) (A&B)	129	61	47	19	12	13	24
B.A. L.L.B. (Hons.)	24	4	17	3	2	3	12
B.Pharm	44	31	70	7	3	0	3
B.Com (G) (A,B &C)	124	104	84	10	8	0	4
B.Com (A&F) (A&B)	158	122	77	21	5	2	8
B.Com. (Hons.)	67	52	78	8	4	0	3
B.B.A. (General)	64	40	63	10	4	2	8
B.B.A. (EFB)	8	7	88	1	0	0	0
B.B.A. (F&S)	35	24	69	4	0	4	3
B.A. (Islamic Studies) (A&B)	80	59	74	9	4	0	8
B.A. English (Hons.)	18	9	50	2	2	3	2
<b>TOTAL</b>	<b>1002</b>	<b>681</b>	<b>68</b>				
<b>Overall Total</b>	<b>1699</b>	<b>1223</b>	<b>72</b>				

**Semester: III**

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Tech Programmes</b>							
Civil Engg.	51	27	53	6	6	4	8
Aeronautical Engg.	30	12	40	7	3	1	7
Automobile Engg.	34	18	53	7	4	2	1
Mechanical Engg. (A & B)	123	70	57	12	17	8	16
Polymer Engg.	13	7	54	2	1	0	3
Electrical & Electronics Engg.	28	12	43	7	3	2	4
Electronics & Communication Engg. (A & B)	96	84	88	5	2	3	2
Electronics & Instrumentation Engg.	16	11	69	1	1	3	0
Computer Science Engg. (A, B & C)	177	156	88	10	6	1	4
Information Technology	56	36	64	10	4	1	5
Biotechnology	44	40	91	1	1	2	0
<b>TOTAL</b>	<b>668</b>	<b>473</b>	<b>71</b>				
<b>B.Arch. / B.Des. Programme</b>							
B.Arch.	61	40	66	11	5	3	2
B.Des.	31	27	87	3	1	0	1
<b>TOTAL</b>	<b>92</b>	<b>67</b>	<b>73</b>				
<b>Arts &amp; Science Programmes</b>							
B.C.A. (CTIS) (A & B)	106	74	70	9	9	2	12
B.C.A. (MAIS)	25	15	60	2	2	0	6
B.C.A. (DS)	42	32	76	5	1	2	2
B.Sc. (CS) (A&B)	77	54	70	9	7	1	6

B.Sc. (Biotechnology)	63	23	37	18	7	1	14
B.Com. L.L.B. (Hons.)	18	10	56	3	1	1	3
B.B.A. L.L.B. (Hons.)	60	29	48	9	5	6	11
B.Pharm.	65	57	88	5	0	1	2
B.Com (G) (A,B,C, D & E)	324	247	76	33	19	8	19
B.Com (A&F) (A&B)	111	76	68	14	10	4	7
B.A. (Islamic Studies) (A&B)	64	45	70	7	4	2	6
B.B.A. (FS)	65	38	58	5	3	7	12
<b>TOTAL</b>	<b>1020</b>	<b>700</b>	<b>69</b>				
<b>Overall Total</b>	<b>1780</b>	<b>1240</b>	<b>71</b>				

### Semester: V

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Tech Programmes</b>							
Civil Engg. (A & B )	79	51	64	10	3	6	9
Aeronautical Engg.	21	11	52	1	4	2	3
Automobile Engg.	45	32	71	7	3	0	3
Mechanical (A,B & C)	182	119	65	24	15	8	15
Polymer Engg.	17	13	76	4	0	0	0
Electrical & Electronics Engg.	31	27	87	1	3	0	0
Electronics & Communication Engg. (A&B)	103	91	88	8	1	0	3
Electronics & Instrumentation Engg.	27	20	74	1	3	1	2
Computer Science Engg. (A, B & C)	140	128	91	9	1	0	2

Information Technology	38	31	82	3	2	2	0
Biotechnology (A, B & C)	122	104	85	8	5	1	4
<b>TOTAL</b>	<b>805</b>	<b>627</b>	<b>78</b>				
<b>B.Arch. / B.Des. Programme</b>							
B.Arch.	41	36	88	4	0	0	1
B.Des.	43	30	70	8	2	1	2
<b>TOTAL</b>	<b>84</b>	<b>66</b>	<b>79</b>				
<b>Arts &amp; Science Programmes</b>							
B.C.A. (CTIS) (A,B,C)	135	116	86	10	4	0	3
B.C.A. (MAIS)	41	28	68	4	1	6	2
B.C.A. (DS)	39	35	90	3	1	0	0
B.Sc. (CS)	35	27	75	4	2	0	3
B.Sc. (Biotech.)	28	20	71	3	1	0	4
B.Com. L.L.B. (Hons.)	19	11	58	1	1	2	4
B.B.A. L.L.B. (Hons.)	30	14	47	4	5	0	7
B.Pharm.	60	47	89	8	2	1	2
B.Com (G) (A, B & C)	151	121	80	17	3	1	4
B.Com (A&F)	41	31	76	7	2	0	1
B.B.A. (FS)	51	48	94	2	0	0	1
B.A. (Islamic Studies)	42	37	88	1	1	0	3
<b>TOTAL</b>	<b>672</b>	<b>535</b>	<b>80</b>				
<b>Overall Total</b>	<b>1561</b>	<b>1228</b>	<b>79</b>				



### Semester: VII

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Tech Programmes</b>							
Civil Engg. (A & B)	88	62	70	13	1	3	9
Aeronautical Engg.	14	7	50	3	2	1	1
Automobile Engg.	31	22	71	1	4	3	1
Mechanical (A,B,C&D)	205	168	82	17	8	4	8
Polymer Engg.	19	15	79	2	1	0	1
Electrical & Electronics Engg.	42	32	76	5	3	1	1
Electronics & Communication Engg.(A & B)	102	88	86				
Electronics & Instrumentation Engg.	31	22	71	7	2	0	0
Computer Science Engg. (A, B & C)	166	157	95	6	2	0	1
Information Technology	55	38	69	5	2	3	7
Biotechnology (A&B)	73	63	86	3	4	1	1
<b>TOTAL</b>	<b>826</b>	<b>674</b>	<b>82</b>				
<b>B.Arch. Programme</b>							
B.Arch.	75	75	100	0	0	0	0
<b>TOTAL</b>	<b>75</b>	<b>75</b>	<b>100</b>				
<b>Overall Total</b>	<b>901</b>	<b>749</b>	<b>83</b>				

### Semester: IX

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Arch. Programme</b>							
B.Arch.	73	57	78	10	2	0	2
<b>TOTAL</b>	<b>73</b>	<b>57</b>	<b>78</b>				

CONSOLIDATED DETAILS (UG Programmes)	I SEM	III SEM	V SEM	VII SEM	IX SEM
Total no. of students Appeared	1699	1780	1561	901	73
Total no. of students Passed in all subjects	1223	1240	1228	749	57
<b>Over all Pass %</b>	<b>72</b>	<b>70</b>	<b>79</b>	<b>83</b>	<b>78</b>

### PG Programmes

#### Semester: I

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>M.Tech. / M.Arch. / MCA / MBA Programmes</b>							
Structural Engg.	15	13	87	1	0	0	1
Construction Engg. Project Management (CEPM)	12	11	92	0	1	0	0
CAD-CAM	6	4	67	0	0	1	1
Avionics	2	2	100	0	0	0	0
Communication System	2	2	100	0	0	0	0
Computer Science Engg.	3	3	100	0	0	0	0
Biotechnology	9	9	100	0	0	0	0
M.Arch.	5	5	100	0	0	0	0
MCA	3	3	100	0	0	0	0
M.B.A. (A & B)	123	91	74	14	8	1	9

M.Sc. Programmes							
M.Sc. (Actuarial Sciences)	15	13	87	1	1	0	1
M.Sc. (Physics)	24	15	68	2	4	1	2
M.Sc. (Chemistry)	34	30	88	2	1	0	1
M.Sc.(Biotechnology)	19	10	53	3	0	3	3
M.Sc.(Microbiology)	22	17	77	2	1	1	1
M.Sc. (Biochemistry & Molecular Biology)	11	10	91	0	1	0	0
M.A. Programme							
M.A. (Islamic Studies)	34	28	82	3	1	1	1
<b>TOTAL</b>	<b>339</b>	<b>266</b>	<b>78</b>				

### Semester: III

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
M.Tech. / M.Arch. / MCA / MBA Programmes							
Structural Engg.	10	10	100	0	0	0	0
Construction Engg. Project Management (CEPM)	14	13	93	1	0	0	0
CAD-CAM	3	3	100	0	0	0	0
VLSI & Embedded System	6	6	100	0	0	0	0
Computer Science Engg	1	1	100	0	0	0	0
Information Technology	2	2	100	0	0	0	0
Biotechnology	5	4	100	1	0	0	0
M.Arch.	14	13	93	0	1	0	0
MCA (A&B)	101	76	75	1	0	0	0
M.B.A. (A & B)	117	95	81	12	5	3	2

M.Sc. Programmes							
M.Sc. (Actuarial Sciences)	27	27	100	0	0	0	0
M.Sc.(Biotechnology)	16	7	44	2	2	1	4
M.Sc.(Microbiology)	24	22	92	0	0	0	2
M.Sc. (Biochemistry & Molecular Biology)	9	6	67	2	1	0	0
M.Sc. (Physics)	28	26	93	2	0	0	0
M.Sc. (Chemistry)	29	26	90	1	1	0	1
M.A. Programme							
M.A. (Islamic Studies)	11	10	91	1	0	0	0
<b>TOTAL</b>	<b>417</b>	<b>347</b>	<b>83</b>				

### Semester: V

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
MCA - V sem(A&B)	85	72	85	6	1	3	3

CONSOLIDATED DETAILS (PG)	I Sem	III Sem	V Sem
Total no. of students Appeared	339	417	85
Total no. of students Passed in all subjects	266	347	72
<b>Over all Pass Percentage</b>	<b>78</b>	<b>83</b>	<b>85</b>

Even Semester 2019-20

## UG Programmes

### Semester: II

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Tech Programmes</b>							
Civil Engg.	38	38	100	0	0	0	0
Aeronautical Engg.	28	26	93	1	0	0	3
Automobile Engg.	16	16	100	0	0	0	0
Mechanical Engg. (A & B)	66	64	97	1	0	0	1
Polymer Engg.	20	19	95	0	0	1	0
Electrical & Electronics Engg.	40	39	98	1	0	0	1
Electronics & Communication Engg. (A&B)	85	82	96	1	0	0	2
Electronics & Instrumentation Engg.	10	10	100	0	0	0	0
Computer Science Engg. (A, B & C)	178	167	94	7	2	1	1
Information Technology	59	59	100	0	0	0	0
Biotechnology	41	40	98	1	0	0	0
<b>TOTAL</b>	<b>581</b>	<b>560</b>	<b>96</b>				
<b>B.Arch. / B.Des.Programme</b>							
B.Arch. (A&B)	71	71	100	0	0	0	0
B.Des.	39	39	100	0	0	0	0
<b>TOTAL</b>	<b>110</b>	<b>110</b>	<b>100</b>				
<b>Arts &amp; Science Programmes *</b>							
B.C.A. (CTIS) (A&B)	122	118	97	0	1	0	5
B.C.A. (MAIS)	20	19	95	1	0	0	0
B.C.A. (DS)	52	46	88	2	2	0	2

B.C.A. (MWAD)	22	19	86	0	1	2	0
B.Sc. (CS) (A&B)	86	78	91	4	0	0	4
B.Sc. (Biotechnology)	50	45	90	3	0	1	1
B.Com (G) (A,B, C &D)	226	217	96	4	1	1	4
B.Com (A&F) (A&B)	102	99	97	1	2	0	0
B.Com. (Hons.)	67	62	93	1	1	0	3
B.B.A. (General)	64	54	84	2	1	2	5
B.B.A. (EFB)	8	8	100	0	0	0	0
B.B.A. (F&S)	35	29	83	3	1	1	1
B.A. (Islamic Studies) (A&B)	76	76	100	0	0	0	0
B.A. English (Hons.)	18	18	100	0	0	0	0
<b>TOTAL</b>	<b>948</b>	<b>888</b>	<b>94</b>				
<b>Overall Total</b>	<b>1639</b>	<b>1558</b>	<b>95</b>				

\*Except pharmacy and law programme

### Semester: IV

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Tech. Programmes</b>							
Civil Engg.	51	41	80	3	2	2	3
Aeronautical Engg.	30	28	93	0	1	0	1
Automobile Engg.	34	33	99	1	0	0	0
Mechanical Engg. (A & B)	121	112	93	4	1	1	3
Polymer Engg.	13	12	92	0	1	0	0
Electrical & Electronics Engg.	25	24	96	0	1	0	0
Electronics & Communication Engg. (A & B)	96	95	99	1	0	0	0
Electronics &	16	16	100	0	0	0	0

Instrumentation Engg.							
Computer Science Engg. (A, B &C)	176	173	98	1	2	0	
Information Technology	56	56	100	0	0	0	0
Biotechnology	45	43	96	1	0	0	1
<b>TOTAL</b>	<b>663</b>	<b>633</b>	<b>95</b>				
<b>B.Arch. / B.Des. Programme</b>							
B.Arch.	60	60	100	0	0	0	0
B.Des.	31	31	100	0	0	0	0
<b>TOTAL</b>	<b>91</b>	<b>91</b>	<b>100</b>				
<b>Arts &amp; Science Programmes *</b>							
B.C.A. (CTIS) (A & B)	104	103	99	0	0	0	1
B.C.A. (MAIS)	24	22	92	1	0	0	1
B.C.A. (DS)	41	41	100	0	0	0	0
B.Sc. (CS) (A&B)	75	73	97	0	0	0	2
B.Sc. (Biotechnology)	59	52	68	3	4	0	0
B.Com (G) (A,B,C, D & E)	325	307	94	8	7	1	2
B.Com (A&F) (A&B)	111	108	97	1	1	1	0
B.B.A. (FS)	65	62	95	1	1	0	1
B.A. (Islamic Studies) (A&B)	60	59	98	0	0	0	1
<b>TOTAL</b>	<b>864</b>	<b>827</b>	<b>96</b>				
<b>Overall Total</b>	<b>1618</b>	<b>1551</b>	<b>96</b>				

\*Except pharmacy and law programme

**Semester: VI**

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Tech Programmes</b>							
Civil Engg. (A &B )	79	76	96	2	1	0	0
Aeronautical Engg.	21	19	90	1	0	0	1
Automobile Engg.	45	45	100	0	0	0	0
Mechanical (A,B & C)	181	178	98	3	0	0	0
Polymer Engg.	17	17	100	0	0	0	0
Electrical & Electronics Engg.	31	31	100	0	0	0	0
Electronics & Communication Engg. (A&B)	101	101	100	0	0	0	0
Electronics & Instrumentation Engg.	27	26	96	1	0	0	0
Computer Science Engg. (A, B & C)	139	139	100	0	0	0	0
Information Technology	38	38	100	0	0	0	0
Biotechnology (A, B& C)	122	119	98	1	0	1	2
<b>TOTAL</b>	<b>801</b>	<b>789</b>	<b>99</b>				
<b>B.Arch. / B.Des. Programme</b>							
B.Arch.	41	41	100	0	0	0	0
B.Des.	42	41	98	1	0	0	0
<b>TOTAL</b>	<b>83</b>	<b>82</b>	<b>99</b>				
<b>Arts &amp; Science Programmes *</b>							
B.C.A. (CTIS) (A,B,C)	135	134	99	1	0	0	0
B.C.A. (MAIS)	41	41	95	2	0	0	0
B.C.A. (DS)	39	35	90	4	0	0	0
B.Sc. (CS)	35	33	94	2	0	0	0



B.Sc. (Biotech.)	27	22	81	4	1	0	0
B.Com (G) (A, B, C& D)	203	196	97	4	3	0	1
B.Com (A&F)	41	40	98	0	1	0	0
B.B.A. (FS)	50	50	100	0	0	0	0
B.A. (Islamic Studies)	41	39	95	2	0	0	0
<b>TOTAL</b>	<b>612</b>	<b>590</b>	<b>96</b>				
<b>Overall Total</b>	<b>1496</b>	<b>1461</b>	<b>98</b>				

\*Except pharmacy and law programme

### Semester: VIII

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Tech. Programmes</b>							
Civil Engg. (A & B)	86	75	87	9	2	0	0
Aeronautical Engg.	14	10	71	4	0	0	0
Automobile Engg.	31	31	100	0	0	0	0
Mechanical (A,B,C&D)	206	201	98	4	1	0	0
Polymer Engg.	19	18	95	0	1	0	0
Electrical & Electronics Engg.	42	41	98	1	0	0	0
Electronics & Communication Engg.(A & B)	107	101	94	5	1	0	0
Electronics & Instrumentation Engg.	31	28	90	3	0	0	0
Computer Science Engg. (A, B & C)	167	160	96	7	1	0	0
Information Technology	55	52	95	2	1	0	0
Biotechnology (A&B)	73	69	95	4	0	0	0
<b>TOTAL</b>	<b>831</b>	<b>786</b>	<b>95</b>				
<b>B.Arch. Programme</b>							

B.Arch.	75	75	100	0	0	0	0
<b>TOTAL</b>	<b>75</b>	<b>75</b>	<b>100</b>				
<b>Overall Total</b>	<b>906</b>	<b>861</b>	<b>95</b>				

### Semester: X

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>B.Arch. Programme</b>							
B.Arch.	73	73	100	0	0	0	0
<b>TOTAL</b>	<b>73</b>	<b>73</b>	<b>100</b>				

CONSOLIDATED DETAILS (UG Programmes)	II SEM	IV SEM	VI SEM	VIII SEM	X SEM
Total no. of students Appeared	1639	1618	1496	906	73
Total no. of students Passed in all subjects	1558	1551	1461	861	73
<b>Over all Pass %</b>	<b>95</b>	<b>96</b>	<b>98</b>	<b>95</b>	<b>100</b>

### PG Programmes

#### Semester: II

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>M.Tech. / M.Arch. / MCA / MBA Programmes</b>							
Structural Engg.	14	14	100	0	0	0	0
Construction Engg. Project Management (CEPM)	12	12	100	0	0	0	0
CAD-CAM	6	6	100	0	0	0	0
Avionics	2	2	100	0	0	0	0
Communication System	2	2	100	0	0	0	0

Computer Science Engg.	3	3	100	0	0	0	0
Biotechnology	9	9	100	0	0	0	0
M.Arch.	6	6	100	0	0	0	0
MCA	3	3	100	0	0	0	0
M.B.A. (A & B)	122	122	100	0	0	0	0
<b>M.Sc. Programmes</b>							
M.Sc. (Actuarial Sciences)	14	14	100	0	0	0	0
M.Sc. (Physics)	23	23	100	0	0	0	0
M.Sc. (Chemistry)	34	33	97	1	0	0	0
M.Sc.(Biotechnology)	18	15	83	2	0	0	1
M.Sc.(Microbiology)	22	19	86	2	0	1	0
M.Sc. (Biochemistry & Molecular Biology)	12	11	92	0	0	0	1
<b>M.A. Programme</b>							
M.A. (Islamic Studies)	31	30	97	0	0	0	1
<b>TOTAL</b>	<b>333</b>	<b>324</b>	<b>97</b>				

### Semester: IV

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
<b>M.Tech. / M.Arch. / MCA / MBA Programmes</b>							
Structural Engg.	10	10	100	0	0	0	0
Construction Engg. Project Management (CEPM)	14	14	100	0	0	0	0
CAD-CAM	3	3	100	0	0	0	0
VLSI & Embedded System	6	6	100	0	0	0	0
Computer Science Engg	1	1	100	0	0	0	0

Information Technology	2	2	100	0	0	0	0
Biotechnology	5	5	100	0	0	0	0
M.Arch.	13	13	100	0	0	0	0
MCA (A&B)	98	95	97	2	1	0	0
M.B.A. (A & B)	116	106	91	6	1	0	3
<b>M.Sc. Programmes</b>							
M.Sc. (Actuarial Sciences)	27	27	100	0	0	0	0
M.Sc.(Biotechnology)	16	14	88	2	0	0	0
M.Sc.(Microbiology)	24	22	92	2	0	0	0
M.Sc. (Biochemistry & Molecular Biology)	9	9	100	0	0	0	0
M.Sc. (Physics)	28	27	96	1	0	0	0
M.Sc. (Chemistry)	29	28	97	1	0	0	0
<b>M.A. Programme</b>							
M.A. (Islamic Studies)	11	10	91	0	0	0	1
<b>TOTAL</b>	<b>412</b>	<b>392</b>	<b>95</b>				

### Semester: VI

Programme	Students Appeared	Students Passed	% Pass	Failed in 1 Course	Failed in 2 Courses	Failed in 3 Courses	Failed in more than 3 Courses
MCA - VI sem (A&B)	83	82	99	1	0	0	0

CONSOLIDATED DETAILS (PG)	II Sem	IV Sem	VI Sem
Total no. of students Appeared	324	412	83
Total no. of students Passed in all subjects	333	392	82
<b>Over all Pass Percentage</b>	<b>97</b>	<b>95</b>	<b>99</b>

### VIII. Lab Migration:

- The Lab Migration activities were initiated in February 2019 for conversion of conventional computer laboratories with proprietary software into an open source adoptable lab (Lab Migration) in particular software offered by Bombay IIT (ST) for the benefit of students and faculty members.

- The details of courses for which lab migration is done in the Odd Semester 2019-20 and the activities carried out by a team of faculty from three departments in this regard are as follows:

S.No.	Name of the Dept.	Name of the course with course code	Existing Software	Open source software used	No. of Students benefitted	No. of Systems Enabled
1	Civil	CEB4104- Geographical Information Systems Laboratory	ArcGIS	QGIS	89	25
2	ECE	ECC2102-Signals and Systems (integrate Course)	MATLAB	SCILAB	96	25
3	EEE	EEB4105 - Power System Simulation Lab	MATLAB	SCILAB/ GNU Octave	41	5

- It is proposed to migrate at least 60% of the labs to Open Source Software in the forthcoming semester.

#### **IX. Important events and activities:**

- Various statutory body meetings and visits were organized during this academic year and the details are as follows:

Academic Meetings	Dates
Internal Quality Assurance Cell (IQAC)	6 <sup>th</sup> August 2019
Meeting of Board of Studies of various departments	June - August 2019
6 <sup>th</sup> meeting of Planning and Monitoring Board	9 <sup>th</sup> September 2019
14 <sup>th</sup> meeting of Academic Council	17 <sup>th</sup> September 2019

Meeting of Board of Studies of various departments	Dec.2019 – Feb. 2020
7 <sup>th</sup> meeting of Planning and Monitoring Board	10 <sup>th</sup> March 2020
15 <sup>th</sup> meeting of Academic Council	25 <sup>th</sup> June 2020

- These meetings have been instrumental in providing inputs for evolving the curricula and syllabi of various programmes to meet the needs of the industry, technological advancements, market trends and societal requirements.
- The data for the Annual Report of the Institute for the academic year 2018-19 was collected from all the Schools, departments, centers and divisions and was compiled and submitted to UGC.
- The IQAC was headed by Dr. M. S. Haji Sheik Mohammed, Dean Academic Affairs until July 2019 and then was handed over to Dr. U. Sabura Banu.

#### **X. Key Performance Indicators (KPIs) for the Institute:**

- The KPIs (Key Performance Indicators) prescribed for individual faculty members (cadre wise), Head of the Departments, Dean of Schools, Functional Deans and Directors were monitored and the data has been collected to analyze the progress made by each department / division.
- These KPIs were prepared keeping in mind the requirements for various accreditation and ranking bodies and also to promote holistic development of the institute through individual's contribution to the academic, research and administrative initiatives.
- The KPIs were presented in the statutory bodies and were approved. The same had been disseminated to all the faculty members.

#### **XI. Academic and Administrative Audit (AAA):**

- As part of the quality initiative, Academic and Administrative Audit is held once in every 5 years.
- The reference period is 2014 – 2019, a five year span since the previous Academic Administrative Audit was conducted.
- A committee with the following members was constituted for Academic and Administrative Audit:

Member	Designation
Prof. C. Thangamuthu	Former Vice Chancellor, Bharathidasan University, Tiruchirappalli.
Dr. T.V. Geetha	Dean, College of Engineering, Senior Professor, Department of Computer Science and Engineering College of Engineering, Guindy, Anna University, Chennai.
Dr. E. Murugan	Professor & Head, Department of Physical Chemistry, School of Chemical Sciences, University of Madras, Chennai.
Dr. Monsingh David Devadas	Former Professor & Dean, School of Architecture and Planning, Anna University, Chennai.
Dr. A. Kannan	Former Professor, Department of Information Science and Technology College of Engineering, Guindy, Anna University, Chennai.
Dr. R. Velraj,	Director and Professor, Institute for Energy Studies, Department of Mechanical Engineering, CEG, Anna University, Chennai
Dr. S. Gurusamy	Professor and Head, Department of Commerce, University of Madras, Chennai.

- The committee visited our institute on 21<sup>st</sup> and 22<sup>nd</sup> February 2020. The visit schedule covered the entire campus, all the Departments, Facilities, Units spending adequate time for observing the facilities and interaction with the faculties and other personnel / stakeholders.

- A comprehensive report was submitted by the committee based on their observations and interactions. These observations and suggestions have helped in identifying the shortcomings and overcoming them by taking preventive and corrective measures.

**XIII. Events / Sessions organized / conducted:**

- As part of IQAC and for discussing the developmental plans and reviewing the measures taken to implement quality initiatives, frequent meetings were held with the Deans, Directors and Heads of the Departments.

- These meetings were held to discuss and decide on academic and administrative matters and disseminate information to the stakeholders.

- A brief of those meetings are as below:

S.No.	Details of Meeting	Date
1	Meeting of Deans and HoDs chaired by the Registrar	17 <sup>th</sup> July 2019
2	Meeting of Deans, Directors and HODs chaired by the Chancellor	07 <sup>th</sup> November 2019
3	Meeting of Deans, Directors and HODs chaired by the Registrar & Vice Chancellor i/c	20 <sup>th</sup> November 2019
4	Meeting of Deans and HoDs chaired by the Registrar & Vice Chancellor i/c	05 <sup>th</sup> December 2019
5	Meeting of Deans and HoDs chaired by the Pro Vice Chancellor & Vice Chancellor i/c	23 <sup>rd</sup> January 2020
6	Meeting of Deans and HoDs chaired by the Pro Vice Chancellor & Vice Chancellor i/c	13 <sup>th</sup> February 2020
7	Online meeting of Deans, Directors and HODs chaired by the Registrar & Vice Chancellor i/c	28 <sup>th</sup> April 2020, 29 <sup>th</sup> April 2020 & 4 <sup>th</sup> May 2020

- An award function was organized on 22<sup>nd</sup> August 2019 to recognize and appreciate the role of faculty members in encouraging students to take up value added courses and complete it successfully. A total number of 41 faculty members



were presented with a certificate of appreciation and cash prize of Rs.1000/- individually by the honorable Vice Chancellor of the Institution.

- Dr. M. S. Haji Sheik Mohammed, Dean Academic Affairs conducted a training programme for the faculty members on "Techniques for Class Advisor on how to mentor and counsel the students" organized by the Faculty Training Academy of our institution in September 2019.

- A training programme was organized by the Office of Dean Academic Affairs on "Academic Procedure & Mentoring Counseling" in October 2019 in collaboration with the Office of Director HR / FTA. This training was conducted for all the newly joined faculty members, Class advisors & Mentors of the institution.

## ACADEMIC RESEARCH

### ABSTRACT

The vision of the office of research is to strive to make the institution as a Research Intensive Institution through various quality enhancement and sustainable initiatives. As reflected in the vision statement of the B.S. Abdur Rahman Crescent Institute of Science and Technology, research remains one of the major areas of focus. The Institution has a well-established administrative structure to ensure quality research. The Research Advisory Committee and Research Board comprising eminent researchers in the field of Science, Engineering and Technology give directions to the overall research activities of the institute.

All the departments in various schools are offering Ph.D. programmes. Out of 421 faculty members, 217 are with Ph.D. qualification and 93 are pursuing Ph.D. in BSA Crescent Institute of Science and Technology and other Universities. At present, 536 research scholars are on-roll and 87 scholars have already been awarded Ph.D. degrees. With an intention to promote quality research, the Institution offers JRF and SRF fellowships to 29 research scholars and another 13 scholars are securing fellowships from government funding agencies such as DST / UGC / MANF/ ICMR etc.,

For the benefit of full-time research scholars who are not receiving any kind of fellowships, “Earn while you learn” scheme is introduced. The full-time scholars who are assisting the lab sessions are paid with remuneration of Rs.300/- per hour. At present 20 scholars are benefitted under this scheme.

The progress made in the research front, after becoming Deemed to be University is commendable. The Scopus h-index of this institution is currently 49, which has increased from 11 in the year 2008. The average citation index is 5.594. More than 3500 research publications have been made in refereed journals and conference proceedings during the last six years.

The departments are equipped with the state-of-the-art equipment and software for carrying out research. The annual budget for the departments include a separate head, “R&D” and adequate funds are sanctioned to strengthen and enhance the facilities. A separate Centre for Sponsored Research and Consultancy has been

created in B.S. Abdur Rahman Crescent Institute of Science and Technology which is responsible for the promotion of Sponsored Research, Industrial Consultancy and Patent filing. Institution also has an Innovation centre, Incubation centre and Nano centre.

The library has over 17,000 e-journals including IEEE, ASME, ASCE, Springer, Elsevier, Emerald, ProQuest etc., and a good collection of Open Access Journals which can be remotely accessed from anywhere.

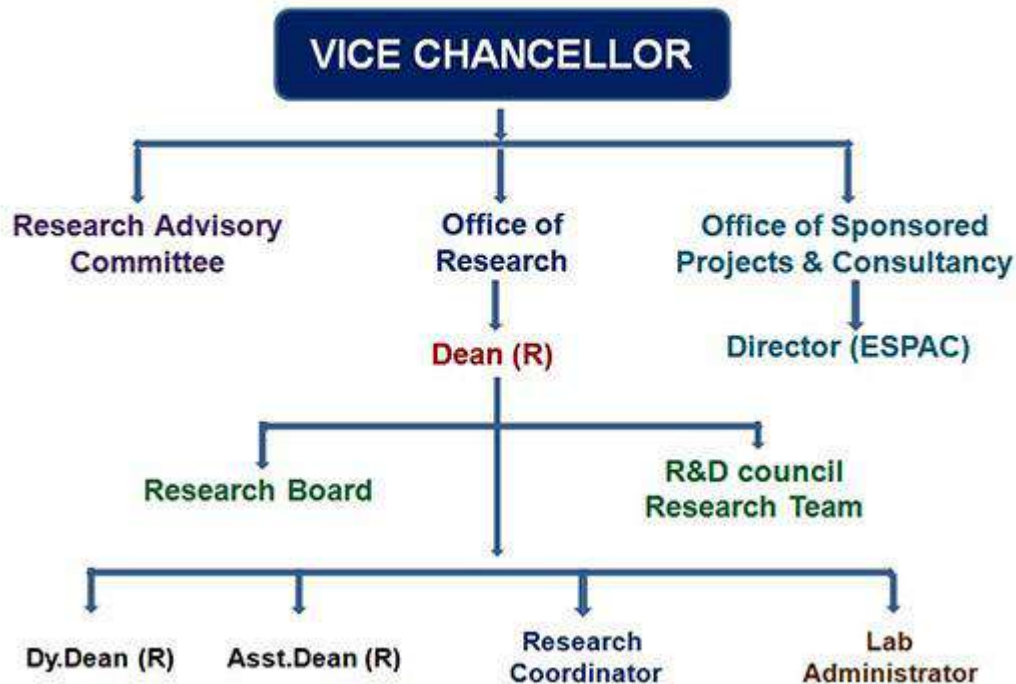
## **RESEARCH:**

The Research Board is an Internal Committee to oversee the academic research activities of the Institution. The major functions of the Research Board are:

- Scrutiny and recommendation of the names of faculty members for approval by the Vice Chancellor to act as Supervisors, for Ph.D. / M.Tech. (By Research) / M.Phil., Scholars.
- Scrutiny and recommendation of Ph.D. / M.Tech. (By Research) / M.Phil., Scholars application after interview by the various committees for final approval by the Vice Chancellor
- Determination of equivalence of PG educational qualifications, regulations etc. and other related matters.

Apart from the Research Board, the institute has a well-organized structure for research and the Vice chancellor is the chairman. Each research category mentioned above is monitored by Dean (Research), Director (ESPAC) and CEO (CIIC) respectively. The Research Board formulates and updates research policies as per the UGC norms, recommends faculty for approved research supervisors, and takes all strategic decisions. The Institute - Administrative structure for monitoring research activities is given below.

## RESEARCH ADMINISTRATIVE STRUCTURE



### ACHIEVEMENTS OF STUDENTS / SCHOLARS:

- ❖ Ph. D. Degree from BSACIST.
- ❖ TwentyOne Ph.D. scholars were awarded degrees during the Eighth Convocation held on 05.10.2019. Viva-Voce Exam completed
  - Two Ph.D. scholars have completed the Viva Voce Examination.
- ❖ Thesis Submitted
  - Seventeen Ph.D. scholars have submitted their Thesis and sent for evaluation
- ❖ Synopsis Submitted
  - Nine Ph.D. scholars have submitted their Synopsis

### Ph.D.

- Admission for the Ph.D. programme is twice in a year, i.e., during January & July.
- The application form can be obtained from the office of Director (Admissions) of B.S. Abdur Rahman Crescent Institute of Science & Technology or can be downloaded following the website link <http://www.crescent.education/admission-for-research-scholars>.

- The filled in application along with a Demand Draft (DD) for Rs.1,000/- (Rupees One Thousand only) should be submitted to  
 Director (Admissions),  
 B.S. Abdur Rahman Crescent Institute of Science & Technology,  
 Seethakathi Estate, Vandalur, Chennai-600048,  
 Phone: +91-44-22759236 / 22759200 /9543277888, Extn: 122 / 124 / 223  
 For Enquiries, please contact  
 admissions@crescent.educatiobn  
 dean.academicresearch@crescent.education

**Foreign Candidates Ph.D. Admission:**

Around Eleven candidates from countries like Yemen, Ghana and Nigeria were pursuing Ph.D. in our Institution.

**RESEARCH:**

- A significant number of papers based on the research work and project works have been published by the faculty members and the research scholars in International and National Journals.
- Apart from these, they present papers in International and in National Conferences.

No. of publications in Journals for the year 2019 346

No. of publications in Conference proceedings for the year 2019 75

Publications for the year 2020 (Updated till July 2020)				
INJ	NJ	INC	NC	Book Chapters
195	28	22	08	14

## CITATION:

•	Scopus h – index	48
•	Scopus citation	12019
•	Average Citation index	5.594
•	Average Impact factor	1.752

## RESEARCH:

- Seminar on “How to access Turnitin- Anti Plagiarism Software” held on 10.01.2020 organized by Dr. E. Syed Mohamed, Turnitin Administrator.
- Free Webinar on “RESEARCH ETHICS” arranged on 7<sup>th</sup> May 2020 by Faculty Training Academy (FTA) & Office of Dean Research, BSACIST.
- Online Quiz Competition -Test Your Knowledge on Plagiarism for Scholars / Faculty during 18<sup>th</sup> May 2020 - 31<sup>st</sup> May 2020 organized by Office of Dean Research, BSACIST.
- Online Quiz Competition on Plagiarism for UG/PG students and Research scholars during 15<sup>th</sup> May 2020 - 31<sup>st</sup> May 2020 was organized by Office of Dean Research, BSACIST.
- Webinar on “How to transform from traditional teaching mode to effective online teaching with available e-resources: Preparedness" on 7 July 2020 by Sri. A. Sathish, IRSE Dy. Chief Engineer/Designs, Gauwhati, North Frontier Railway organized by Office of Dean (Research), Director - HR office & ESPAC, BSACIST.

## OFFICE OF THE CONTROLLER OF EXAMINATIONS

Introduction:

B. S. Abdur Rahman Crescent Institute of Science and Technology is a renowned Quality Leadership Institution with 34 years of excellence. Our esteemed Institution offers 48 programmes, grouped under 12 different Schools, 27 Undergraduate Programmes, 19 Postgraduate programmes, and Ph.D. (in all the departments).

The Office of Controller of Examinations takes charge of Organizing, Conducting examinations centrally (UG, PG and Ph.D) and publication of results for all the programmes offered by B.S. Abdur Rahman Crescent Institute of Science and Technology.

### Academic Year Plan (ODD Semester)

The academic plan for the conduct of examination for the Odd Semester - Academic Year (2019-20) is given below:

Programme	Details	Date
UG & PG	Continuous Assessment Test I	07.09.2019 to 18.09.2019
	Continuous Assessment Test II	31.10.2019 to 07.11.2019
UG & PG	Semester End Practical Examinations	18.11.2019
	Semester End Theory Examinations	27.11.2019
	Publication of Results	24.12.2019

Substitute Examinations:

A student who has missed, for genuine reasons, a maximum of one of the two assessments of a course may be permitted to write a substitute examination. However, permission to take up a substitute examination will be given under exceptional circumstances.

The schedule for Substitute examinations is furnished below:

Programme	Details	Dates
UG & PG	CAT1 & 2	14.11.2019 to 16.11.2019

Declaration/Publication of Results:

Complete Automation is implemented through TCS ion

Last date of Examinations : 16.12.2019

Declaration/Publication of Results : 24.12.2019

Average No. of Days : 8 days

Supplementary Examinations:

To facilitate passed out / Final Year Students to complete the degree and reduce the number of outstanding arrears, supplementary exams are conducted. Students are eligible to apply for a maximum of three courses. Supplementary Examinations were conducted from 09.03.2020 to 13.03.2020.

No. of Students appeared in the examinations : 6930

Grievances

No. of Applications received for Revaluation : 142

Change in Marks after Revaluation : 43

Academic Year Plan (EVEN Semester)

The academic plan for the conduct of examination for the Even Semester - Academic Year (2019-20) is given below:

Programme	Details	Date
UG & PG	Continuous Assessment Test I	24/02/2020 to 02/03/2020
	Continuous Assessment Test II	05/05/2020 to 12/05/2020
UG & PG	Semester End Practical Examinations	10/07/2020 to 13/07/2020



	Semester End Theory Examinations	02/09/2020
	Publication of Results	24/09/2020

**Substitute Examinations:**

A student who has missed, for genuine reasons, a maximum of one of the two assessments of a course may be permitted to write a substitute examination. However, permission to take up a substitute examination will be given under exceptional circumstances

The schedule for Substitute examinations is furnished below:

Programme	Details	Dates
UG & PG	CAT1 & 2	23/06/2020 to 29/06/2020

**Declaration/Publication of Results:**

Complete Automation is implemented through TCS ion

Last date of Examinations : 17/09/2020

Declaration/Publication of Results : 24/09/2020

Average No. of Days : 8 days

No. of Students appeared in the examinations : 7010

**Convocation:**

The 9<sup>th</sup> Convocation was conducted on 5<sup>th</sup> and 6<sup>th</sup> of October 2019.

The Chief Guest details are given below:

Date	Chief Guest
05.10.2019	Mr. Mukhtar Abbas Naqvi, Union Minister, Ministry of Minority Affairs.
06.10.2019	Dr.M.P.Poonia, Vice-Chairman, AICTE, Guest of Honour. Mr.Manikandan Thangarathnam, Director, Amazon, Chief Guest.

Honoris Causa

Date	Honoris Causa
05.10.2019	Mr. Michael Aaron Nii Nortey Oquaye Esq. , Honourable High Commissioner of Ghana to India

No. Of Graduands - 1396

UG	PG	M.Phil	M.Tech (By Research)	Ph.D.	PGDM	Total
996	379	-	-	21	-	1396

## DATA CENTRE

The Data Centre goal is to provide the staff and students of the Institution with 24/7 access to wired/ wireless computing, networking resources through which they can extend their access to lab, LMS, TCS systems and be able to view educational resources such as NPTEL videos through the streaming server. Also Virtualization and Green Computing is made possible in the Campus

### Activities conducted in the academic year 2019 - 2020

- MOU has been signed between BSACIST and Red Hat Academy through M/s. Advantage Pro, for conducting the Computer Hardware & Networking and Computer Programming language courses to the students.
- Data Centre in association with Department of Information Technology has organized the Computer Awareness Training Programme to Police Personnel from Tamilnadu Police Academy for 63<sup>rd</sup> All India Police Duty Meet 2019 from 24.10.2019 to 01.11.2019 (Level I) and 25.11.2019 to 06.03.2020 (Level II).



- Crescent LMS has been rolled out across the Institution. For the ODD Semester 2020, we have created and mapped around 940 courses.
- A workshop on LMS (Learning Management System) conducted by Data Centre on 29<sup>th</sup> of June 2020 for the following System Staff:  
 Mr. R. Sivakumar, Mr. R. Venkateswaran, Mrs. R. Shanthi,  
 Mr. G. Dhanasekaran and Mr. G. Rajesh
- Hands on Training for LMS (Learning Management System) conducted by Data Centre on 13 and 14<sup>th</sup> of July 2020 for the following System Staff.

Mr. R. Venkateswaran, Mrs. R. Shanthi, Mr. G. Dhanasekaran,  
 Mr. G. Rajeshand Mr. S. NagoorMeeran

- Conducted training program on Crescent LMS for our BSACIST faculty on 4<sup>th</sup> August 2020.



- A new Computer lab was created and installed with 60 Desktop systems in the third floor of CSE Block for the benefit of UG / PG Students.
- Additionally, 228 Desktop systems and 2 Laptop were purchased for laboratories.
- Purchased and installed 60 users of Adobe Software for Campus wide usage.
- Additional 255 Mbps of RailTel connectivity have been given for campus wide internet access as backup for Internet connection.

### Proposed agenda for the year 2020 - 2021

- Implementation of MAC based Authentication Server.
- Maintenance and refresh of the following equipment:
  - ✓ Data Centre Server refresh
  - ✓ Department Desktop refresh
  - ✓ Computer Laboratory Switches refresh
  - ✓ Network Cabling refresh
  - ✓ Wi-fi Extension and refresh
- LMS Support for upcoming Semester.

## HUMAN RESOURCE AND FACULTY TRAINING ACADEMY

### 1. Training Programmes Offered:

S.No	Name of the programme	Duration	Program me Duration	Details of Collaborati ng Agency	Details of Participa nts
		(From –To)	(Hrs)		Faculty
1	<i>Eclectic HR CONFAB'19(2 Days International Conference) organized by HR &amp; Faculty Training Academy in collaboration with Department of Commerce, Crescent Innovation Incubation Council (CIIC), Training and Placement Cell of BS Abdur Rahman Crescent Institute of Science and Technology</i>	20.06.2019-21.06.2019	16	External Expert	120
2	<i>One day Faculty Development Programme on “Effective Teaching Practices” for all the faculties</i>	03.07.2019	16	External Expert	367
3	<i>Two Days Faculty Orientation Programme for Newly Joined Faculties</i>	08.07.2019 - 09.07.2019	16	External Expert	102
4	<i>One Day ICT Enabled Faculty Development Programme on “Engineering Graphics”</i>	09.07.2019	8	External Expert	25

S.No	Name of the programme	Duration	Program me Duration	Details of Collaborati ng Agency	Details of Participa nts
		(From –To)	(Hrs)		Faculty
5	One Day ICT Enabled Faculty Development programme on “Introduction to Big Data Analytics”	07.08.2019-09.08.2019	24	External Expert	27
6	Two Days Training programme on Techniques for Class Advisors on " How to Mentor & Counsel the Students”	26.08.2019-28.08.2019	16	External Expert	73
7	Three days training programme on techniques for all faculties on " Academic Procedure for Mentoring & Counseling the Students”	14.10.2019 , 16.10.2019 & 17.10.2019	24	External Expert	122
8	Training programme on Awareness of Audit on ISO 9001; 2015 for all faculties	23.10.2019 24.10.2019 31.10.2019	6	External Expert	61
9	Training Programme on awareness of audit on ISO 9001; 2015 for all faculties	06.11.2019 12.11.2019 13.11.2019 22.11.2019 & 25.11.2019	10	External Expert	85
10	Training Programme on Excellence in Teaching	03.12.2019	3	External Expert	33
11	Faculty Training Academy has arranged webinar on “Stress Management”	12.04.2020	2	External Expert	81

S.No	Name of the programme	Duration	Program me Duration	Details of Collaborating Agency	Details of Participa nts
		(From –To)	(Hrs)		Faculty
12	HR & FTA has arranged a webinar on “Advancing Through Adversity Fee”	14.04.2020	2	External Expert	63
13	HR & FTA has arranged webinar on “Entrepreneurship & Govt Grant Schemes For Startups For Faculty”	19.04.2020	2	External Expert	67
14	FTA has arranged webinar on “ Why & How To Write Papers, Proposals For Research, Projects, Patents & Consultancy”	21.04.2020 & 23.04.2020	6	External Expert	82
15	Faculty Training Academy has arranged webinar on ” Stress Management”	23.04.2020	2	External Expert	57
16	HR & FTA has organized a free webinar on “Communication Skills For Teachers”	26.04.2020	2	External Expert	92
17	HR & FTA department have organized free webinar on "Intellectual Property Rights"	28.04.2020 & 30.04.2020	6	External Expert	50
18	HR & FTA has organized a free webinar on “Introduction to leadership from the Emerging Future”	02.05.2020	2	External Expert	56

S.No	Name of the programme	Duration	Program me Duration	Details of Collaborati ng Agency	Details of Participa nts
		(From –To)	(Hrs)		Faculty
19	HR & FTA has arranged webinar on “Research Ethics”	06.05.2020 07.05.2020	4	External Expert	93
20	HR & FTA has arranged webinar on “Deep Listening”	09.05.2020	2	External Expert	43
21	HR & FTA has arranged webinar on “Various project o pportunities for DST funding - Strategies on International cooperation”	21.05.2020- 23.05.2020	4	External Expert	98
22	Motivational training programme for Administrative Staff film “Chowrastra”	02.07.2019	2	External Expert	150
23	<i>Two Days orientation programme for newly joined Non-Teaching Staff</i>	<i>08.07.2019- 09.07.2019</i>	4	External Expert	43
24	<i>Four Days Soft Skills Training Programme for Non-Teaching Staff</i>	05.08.2019- 08.08.2019	8	External Expert	43
25	<i>Three Days Soft Skills Training Programme for Non-Teaching Staff</i>	20.08.2019 26.08.2019 & 27.08.2019	3	External Expert	102



## 2. Achievements of Staff:

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Dr. D Mubarakali	Best Research Award	BSACIST	Sept 19-20
2.	Dr. D Mubarakali	“Young Scientist Award for the year 2020”	ICMAT-SPA	March 20-21
3.	Dr. D Mubarakali	“ <i>Bharat Ratna Kamaraj Memorial Young Scientist Award 2019</i> ”(ICSDEE'19)”	Kamaraj College of Engineering and Technology, Virudhunagar	July 19- 20
4.	Dr. D Mubarakali	“ <i>Dr. P. Daisy Memorial Award for the Excellence in Life in the year 2018</i> ”	Holy Cross College, Tiruchirappalli	Aug 19- 20
5.	Dr. D Mubarakali	“Smart Textile with Simultaneous Antimicrobial and Water Repellent Properties for Coronavirus Protection”	AUN/SEED-NET JICA, Thailand/SPRAC (2020-2021), Thailand	20-21
6.	Dr. D Mubarakali	“Dr. G. N. Ramachandran Memorial NABS-Young Scientist Award for the year 2018 (NYSA-05- 2018)”	National Academy of Biological Sciences in the National Conference on Microbiome, Pondicherry University,	Sept- 19-20
7.	Dr. Muthumanohar	Young Faculty Research Award	BSACIST	Sept 19-20
8.	Dr. A Paramshivam	Young Faculty Research Award	BSACIST	Sept 19-20

9.	Mr. Suryarajan B	Best Conference Award	BSACIST	Sept 19-20
10.	Dr. Afzalur Rahman	Best innovative idea in teaching	BSACIST	Sept 19-20
11.	Dr. Mohammed Sheikh Sirajuddin	Excellent Teaching Award	BSACIST	Sept 19-20
12.	Mr. M Abdur Rahman	Excellent Teaching Award	BSACIST	Sept 19-20
13.	Mr. Molvi A M Ali Ibrahim	Excellent Teaching Award	BSACIST	Sept 19-20
14.	Dr. J Revathy	Best Faculty Award	BSACIST	Sept 19-20
15.	Dr. Karthikeyan	Best Faculty Award	BSACIST	Sept 19-20
16.	Dr. M Asha Joshi	Best Faculty Award	BSACIST	Sept 19-20
17.	Alhaj V N A Jalal	Life Time Achievement Award	BSACIST	Sept 19-20
18.	Dr. S Khaja Mohideen	Effective contribution to the Crescent	BSACIST	Sept 19-20
19.	Dr. M.S. Haji Sheikh Mohammed	Effective contribution to Crescent	BSACIST	Sept 19-20
20.	Dr. R.Raja Prabhu	Effective contribution to Crescent	BSACIST	Sept 19-20
21.	Dr. I. Raja Mohammed	Effective contribution to Crescent	BSACIST	Sept 19-20
22.	Dr. S S M. Abdul Majeed	Effective contribution to Crescent	BSACIST	Sept 19-20
23.	Dr. SKG Ganesh	Effective contribution to Crescent	BSACIST	Sept 19-20
24.	Dr. Ganesh K	Effective contribution to Crescent	BSACIST	Sept 19-20

25.	Dr.M.Parvez Alam	Effective contribution to Crescent	BSACIST	Sept 19-20
26.	School of life Science	Best Potential School	BSACIST	Sept 19-20
27.	School of Physical and Chemical Sciences	Best School	BSACIST	Sept 19-20

## ISO 9001:2015 Report for 2019-20

### Summary

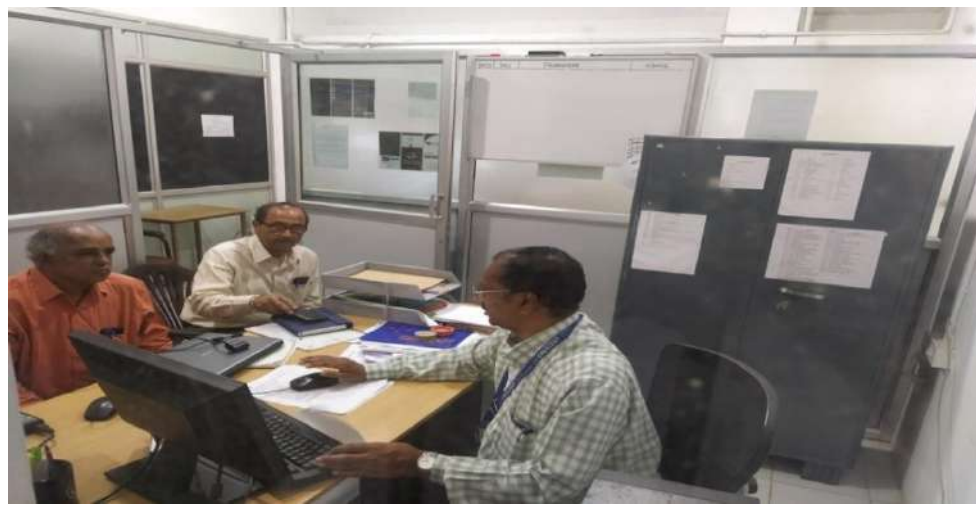
The first internal audit on ISO 9001:2015 standards for common areas and offices was conducted during July 1-3, 2019. The first Management Review Meeting for the year, chaired by the Registrar was held on Sept 12, 2019. External periodic audit was conducted by 2-member audit team of M/s DNV-GL during Sept 19-20, 2019. Corrective actions for the findings were completed by the respective departments. The second internal audit for departments was conducted during Nov 27-29, 2019. For common functions, the internal audit was held in Dec 2019 - Jan 2020. The second Management Review Meeting, chaired by Pro Chancellor & Vice Chancellor i/c was held on Feb 3, 2020. Status of actions on the findings of previous audits was discussed and action plans were finalised. A set of Guidelines for SOPs for various functional areas of the campus for "Crescent Post-Lockdown" have been prepared in May 2019, to enable the institution to be prepared, once the institution reopens.

### Audits & Schedule

S. No	Programme	Corresponding Dates / period
1	ISO – Internal Audit – I	July 2019
2	Management Review Meeting – I	Sept 12, 2019
3	ISO – External (DNV GL) Audit	Sep 19-20, 2019
4	Management Review Meeting – II	Sep 25, 2019
5	ISO – Internal Audit – II	Nov-Dec 2019
6	Management Review Meeting – III	Feb 3, 2020



ISO 9001:2015 – Opening meeting on Sept 19, 2019 for the periodic audit by external auditors



External auditors from M/s DNV-GL auditing the records at ISO office



External auditors at the medical centre on Sept 20, 2019



External auditors at Academic Research office on Sept 19, 2019



External auditor at physical education department on Sept 20, 2019



Dean (Academic Affairs) and Senior General Manager interacting with the external auditors at the end of the closing meeting.



Management Review meeting (on the external audit findings), chaired by Registrar, in progress on Sept 25, 2019

## PLACEMENT & TRAINING CELL

The campus recruitment process started in the month of July 2019, as on date **181 companies** have visited for campus recruitment process and **726** of our eligible students are placed inspite of awaiting results from few companies.


Year	Total No. of Companies Visited	Total No. of students placed	No. of Core Companies Visited	Students Placed in Core Companies	No. of IT / ITES Marketing / Sales Companies Visited	Students placed in IT / ITES / & others
2019-20	181	726	47	189	134	537

### Highlights of Placements:

- ❖ **62 students** got offer from **Accenture** with annual package of **Rs.4.50/- and 6.50 LPA**. Campus drive was held on 21<sup>st</sup> & 22<sup>nd</sup> August 2019.
- ❖ **Fifteen** (15) of our B.Tech. Students were selected through campus placement (Dream Offer) with annual package of **Rs. 10.00 Lakhs** per annum by **Byju's** campus drive held on 26<sup>th</sup> August 2019.
- ❖ *Our student participated in the Infosys National level test (InfyTQ) and got offer with package of Rs. 8.00 LPA (Dream Offer) campus drive conducted on 14<sup>th</sup> July 2019.*
- 55+ Placement Online / Virtual recruitment drive process conducted for our students to work from home and internship opportunities being provided for the 2020 and 2021 batch respectively.
- 47+ Industry oriented Webinars conducted with the collaboration of Top Industry leaders covering the major points of entire placement training program for all the years of students during this lockdown period.
- ❖ Online practice modules and assessment practice test is being organized for the 2nd and 3rd year students of all the courses.



**Employability Assessments / Training Programme Conducted**

<p>Co-cubes 2nd Pre-assess test conducted for final year students to assess the students for Industry readiness. 97 students have participated out of 254 registered students on 25.11.2019</p>	
<p>Infosys refreshment training was arranged for final year BCA / B.Sc CS students on 20.11.2019</p>	
<p>Employability Assessment online test was conducted in association with Co-Cubes for final year B. Tech. &amp; MCA students (2020 passing out batch) on 27th July 2019. This test assesses our students on Language, Cognitive, and Domain &amp; Soft Skills and provides employability feedback.</p>	
<p>Aspiring Minds Assessment Pvt Ltd (AMCAT) Online Aptitude Test and employment Skill Knowledge Testing Process was conducted for the Final year B. Tech (CSE, ECE, IT, EEE, EIE.) and MCA students (2020 batch) on 27th July 2019. Students shortlisted by the clients for internships / final recruitment and interviewed through multiple modes like joint campus drives, telephonic interviews, and interviews at central locations, company office or any other means decided by the company.</p>	
<p><b>Training Programmes:</b></p>	
<p>The phase – II Placement preparedness training programme was organized for 5</p>	

days on Presentation skills, Interview techniques, Group discussion, Resume Writing kills, Interview Preparation etc., for final year MBA students during from 21<sup>st</sup> -28<sup>th</sup> Jan. 2020 (118 students attended this program).

A 5 days Placement preparedness (phase – I) training program was organized on Presentation skills, Interview techniques, Group discussion, Resume Writing kills, Interview Preparation etc., for final year MBA students during from 21<sup>st</sup> -25<sup>th</sup> Oct. 2019 (120 students attended this program).

Semester based time table integrated Placement preparedness training program organized in the area of Communication, Writing Skills, Presentation, Interview techniques, Group discussion, Resume Writing, Personality Development, email communication and online test etc., for first year MBA students during from 14<sup>th</sup> Oct. 2019 to 2<sup>nd</sup> Dec. 2019. This training was conducted by Syasans.

Placement department arranged time table integrated (30 hrs Class room) training program in association with Smart Training Resources Pvt Ltd., for 5<sup>th</sup> Semester (3<sup>rd</sup> year) B.Tech students on soft skills for career. The subject contents included work culture and ethics in Multinational and MSME, Reports writing and analysis, Industry related reports, Developing leadership skill, team building skills, cross culture communication etc. from 22<sup>nd</sup> July 2019 to till end of the semester benefitting 817 students.

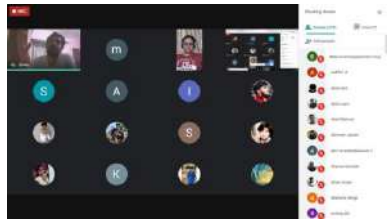
For the 3<sup>rd</sup> semester (2nd year) B.Tech students also time table integrated (40 hrs Class room) training program in association with Hitsbulleys for 3<sup>rd</sup> Semester was conducted. The scope of the training was personal Grooming and Confidence building among the students. The subject content includes topics like Communication, Grooming, Etiquette, Writing Skills, Presentation, Personality Development, Quants and Mathematics, Reasoning and Di, Verbal Communications etc. from 22<sup>nd</sup> July 2019 to till end of the semester (628 students got benefitted)




A 10 days Placement preparedness (phase – II Aptitude) training provided with the key focus on Verbal, Communication Skills, Interview Preparation, Reasoning speed math's for final year B.Tech.(all streams) students from 22<sup>nd</sup> July to 2<sup>nd</sup> August 2019 (838 students have participated).

<p>A 10 days Placement preparedness training program was organized in Programming, Languages, Quants, Coding Verbal, Communication Skills, Interview Preparation, Reasoning speed math's for final year Non engineering students. All stream (Arts &amp; Sciences UG / PG) students numbering 731 participated in the training program from 22<sup>nd</sup> July to 2<sup>nd</sup> August 2019.</p>
<p>Arranged phase – II Technical training program in the subjects Programming, Language, Quants and coding for final year B.Tech.(Circuit Branches) students from 8<sup>th</sup> July to 12<sup>th</sup> July 2019(180 students have attended).</p>
<p>The Placement &amp; Training Cell organized Placement preparedness (phase – I Aptitude) training program for exposing students on the importance of Verbal, Communication Skills, Interview Preparation, Reasoning speed math's for final year B.Tech students from 2<sup>nd</sup> July to 6<sup>th</sup> July 2019(180 students attended the program).</p>
<p>A one day training program was conducted in connection for Hackwithinfy placement opportunity with Infosys (Coding and Programming Test) to B.Tech. (CSE / IT) students held on 1<sup>st</sup> July 2019(150 students participated).</p>
<p>Placement preparedness training was arranged to crack mathematics questions like Speed Maths &amp; Basic Aptitude, Arithmetic calculations for engineering students from 1<sup>st</sup> July – 4<sup>th</sup> July 2019(120 students participated).</p>

### Webinars

Technical and placement preparedness webinars were conducted in collaboration with the industry experts, skills assessment partners, Crescent Alumni and ICT Academy.

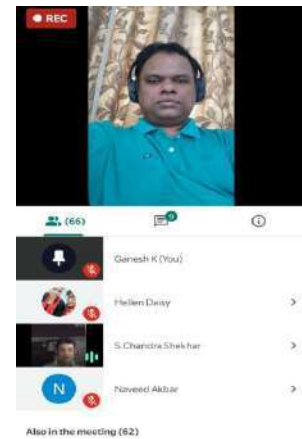
<p>A webinar was organized on 12<sup>th</sup> June 2020. <b>Mr. Guna Grace, Talent Account Director, LinkedIn Solutions</b>, India - South &amp; Sri Lanka delivered a lecture on the topic “Self Preparedness for the New Demands” for final year students</p>	
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<p>Virtual power Webinar was organized on 26<sup>th</sup> June 2020. Dr. J. Sathakathullah - Former Director Reserve Bank of India handled a session for the students on the topic “How to Crack Bank Exam”</p>	
<p>Placement &amp; Training department organized a webinar on 29.05.2018 along with ECE department on “Campus to Corporate”. The webinar was addressed by Dr. Ganesh, Director Placement, Mr. S Chandra Shekhar, Training Coordinator, Ms. S Kalaivani- AP &amp; ECE Placement Coordinator and Mr. Rajadurai – Placement Coordinator.</p>	
<p>Placement &amp; Training department organized a webinar on 01.06.2020 along with CSE and IT department on “Campus to Corporate”. The webinar was addressed by Dr. Ganesh, Director Placement, Mr. S Chandra Shekhar, Training Coordinator, Mr. Rajadurai – Placement Coordinator, Mr. N. Prakash IT Placement Coordinator and Mr. Manoj Kumar CSE Placement Coordinator. This webinar was exclusively organized for the CSE and IT department pre final students to help them understand the new requirements in the changed environment and the tips to prepare themselves for the upcoming virtual placement drives and the training season. Over 75 students participated in the webinar.</p>	

Organized a webinar on 02.06.2020 along with Aerospace, Automobile , Polymer and Mechanical departments on “Campus to Corporate”.

The webinar was addressed by Dr. Ganesh, Director Placement, Mr. S Chandra Shekhar, Training Coordinator, Mr.P.Rajadurai – Placement Coordinator , Dr.J.Siddhi Jailani HOD Mechanical Department, Dr.A. Arockia Julias Mechanical Placement Coordinator, Mr.D.Murali Monohar Polymer Placement Coordinator, Mr.N.Kamesh Automobile Placement Coordinator and Mr.Sri Nithya Mahottamananda Aerospace Placement Coordinator.

This webinar was exclusively organized for the Core department pre final students to help them understand the new requirements in the changed environment and the tips to prepare themselves for the upcoming virtual placement drives and the training season. Over 70 students participated in the webinar.



“Covid 19 Challenges and opportunity – A global view on how young Entrepreneurs thrive through AI and Technology” by Daniel Jacob, Charles Godwin HR held on 21<sup>st</sup> May 2020



## Conference / Seminars / Workshops / Important Visitors:

Organized a one day Conference in association with **FICCI** on **12<sup>th</sup> March 2020** at our University premises. The Conference focused on students' employability on the theme **“Enhancing Employability for Students”**. Our Pro Vice Chancellor and Registrar shared their valuable time to motivate the students. Pro Vice Chancellor felicitated the speakers and presented the Guest speakers with crescent memento.






Organized HR CONCLAVE 2020, the conclave's theme was " Get Set Go" to provide students to learn, question, and take up the challenges of corporate world held on 05.03.2020. The conclave had the presence of top HR senior managers, Mr. Natwar - AGM Hyundai, Mr. Charles from Zoho, Dr. Rajini from Esskay, Mr Daniel from EC group and Ms. Madhumitha from Avacend.



Placement and Training Department conducted a Workshop exclusively for the final year male students to enhance their knowledge and the importance of Grooming up. The topic of the workshop was "How to develop a smart & confident personality". The Workshop was conducted by " Achievers Academy' by GILLETTE Mach 3" held on 17.02.2020



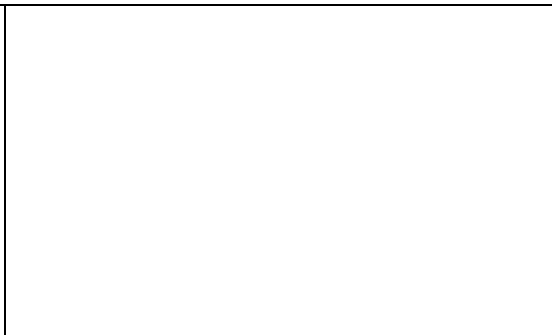
<p>Placement &amp; Training Cell organized a one day Workshop for final year B.Tech.. (Mechanical Engineering) students. The Workshop covered the technical aspects of <b>HVAC domain</b> related topics like Introduction to HVAC, Air distribution systems, career and opportunities existing in HVAC Sector. The participants got Certificate affiliated by NSDC (National Skill Development Corporation) held on 17th February 2020.</p>	
<p>A seminar on “Employment opportunities in Defence sector” was organized, Lt. Cdr. Davinder Singh, Command Recruitment Officer, Southern Naval Command briefed on the various employment opportunities available for the students in the Indian Navy. It was followed by an interactive session wherein students put out various queries and got the response. The seminar was attended by 120+ students of various departments</p>	
<p>Placement &amp; Training Cell organized a seminar on "Exclusive Technical Profile Building &amp; Psychometric Test” for 6th semester (3rd year) Engineering students. The event was jointly organized with Byju's which was represented by one of its founding member Mr. Hemant Kumar held on 11.02.2020.</p>	
<p>Training session On 30.01.2020, for the 1st year students of MBA department. The focus of the session was to make students aware of the skills that help in career development and enhancement. Students also had an</p>	

interactive session with **Ms. Akshita Bahuguna**, who has a vast experience of delivering such training to college students across India. She is associated with AICTE, CBSE and various other government agencies. 118 students have participated.






Organized an orientation program for developing communication skills of the students. The course and the learning module are developed by BBC (British Broadcasting Corporation). The session was attended by 400+ students from B. Com and BBA 2nd year. The program was of interactive nature supported by video presentations held on 29.01.2020

Chroma HR meet is organized in our University premises. **Mr. Malarvannan Fernando, Head HR – L&T Valves & EC member Chroma** delivered a brief Lecture about the Industrial relations adventures on 27.01.2020. Around 50 HR's from various Industries have participated and shared their experience about the Industrial relations.

Industry Institute partnership Cell joins hands with Assocham New Delhi. Organized 2 days National Conference on “Transforming Higher Education to meet Future challenges” on 15<sup>th</sup> & 16<sup>th</sup> Nov 2019 at New Delhi. Dr. K. Ganesh,





<p>Director, PTO &amp; IIPC participated in this event.</p>	
<p>A two days' workshop on “<b>Autonomous Self Driving Car Design &amp; Demo</b>” was organized by Industry Institute Partnership Cell of our University in association with <b>RCDC India</b> on 8<sup>th</sup> Nov. Mr. Rahul Ranjan, Resource Person, Race Official Maruti Suzuki Motorsports, gave a brief presentation</p>	
<p>Industry Institute of Partnership cell and Prag Robotics conducted event of Robotics Super League-2019 for 12th students from 9 am to 5pm at Auditorium. 1200 students from various schools across Chennai participated and got prizes &amp; certificates in the various events conducted.</p>	
<p>The event of Robotics Super League-2019 (Phase - II) for School students (Juniors) on 2nd Nov. 2019, 300+ students participated in this event from various schools across Chennai.</p>	
<p>Organized a seminar on “<b>Capital Market</b>” for B.Com students by National Stock Exchange of India Limited 3<sup>rd</sup> Oct. 2019. 120 students have participated.</p>	
<p>A workshop on <b>Driving Skills for Life (DSFL)</b> was demonstrated by Ford on 6th September 2019 for the students who were interested in four-wheeler Driving. Mr. Satyanarayan - Asst. Plant Manager, Mr. Sethu - General</p>	

Manager, Paint shop, Mr. Srikanth - General Manager, Quality and their team members from Ford India Ltd participated. 100+ students attended this program and it was an interactive session for the students. All the participants got the certificate from Ford.

The Department of Placement & Training organized a seminar on Gate to **G.A.T.E.** program for the third year B.Tech students (Auto / Mech.) on **28<sup>th</sup> August 2019** in their respective class rooms by i-Mech Academy. 300 + students participated in this event.

We have arranged an orientation seminar for third year B. Tech. Biotechnology students in association with **Princeton Review** on 28<sup>th</sup> Aug 2019. Nearly 60 plus students attended the orientation session.

To create awareness in the minds of the students an orientation program on taking up a career in Civil Services? Civil Service Examinations was conducted for the final year B.Tech & Arts and Science students (all streams) on **5<sup>th</sup> September 2019** at **11.00.a.m.** in the **Auditorium**. **Dr. M. Ravi, I.P.S. ADGP, Tamil Nadu Police** addressed the students on the following topics. Nearly 500 students attended this program.

- Motivational speech
- Presentation and detailed explanation of **UPSC Civil Services Examination** and the approach.
- Question & Answer session.



Placement and Training department organized a Seminar on 3C's of Success (**Consistency, Commitment & Competency**). 120 students of MBA 1st year attended the session on 20<sup>th</sup> Aug 2019. The seminar highlighted the following assessment tools that can help students to be placed and equip themselves with corporate skills.

- Competency Evaluator Test (CET)
- Skill Enhancement Test (SET)
- Power to You (PTY) TEST - Employability Enabler Test (EET).

Organized a Seminar on Indo Japan Job – Internship opportunities for B.Tech Students on 9<sup>th</sup> August 2019 in our University campus. **Mr. K. Karunanithi former Hitachi Director** gave a brief speech on the Job openings/Internships in Japan. He also explained about the other new technologies they have discovered. It was a very interactive sessions with students followed by a question and answer session.






We have conducted a Seminar on Placement preparedness and online assessment for the pre-final year B. Tech.(CSE / IT / ECE) & MCA students (2020 passing out) in association with **GUVI Geek Network Pvt Ltd - An IITM Incubated Company** on 19<sup>th</sup> July 2019.



His Excellency Mr Mr. Othman Darwish Al Balushi, First Secretary, Embassy of the Sultanate of Oman & Mr. Kapil Surim Chairman, Admission Lelo, New Delhi visited our University and discussed with our Honorable Vice Chancellor, Registrar, Deputy Registrar and Director, Placement & Training on 5<sup>th</sup> July 2019.



**ACHIEVEMENTS**

<b>Details of the Programme</b>	
<p>We were recognized and awarded as University of the year of “<b>Eco Friendly Sustainable Campus</b>” in the 13<sup>th</sup> Higher Education Summit of ASSOCHAM Award held on 26th Feb 2020 at New Delhi. The award was presented by Dr. Mahendra Nath Pandey, Hon’ble Minister of Skill Development and Entrepreneurship, Govt. of India, New Delhi, in the presence of Shri. Deepak Sood, Secretary General, ASSOCHAM and Dr. Prashant Bhalla, Chairman (ASSOCHAM) National Council of Education .</p>	
<p>Data Quest T- School Survey has ranked our <b>B.S. Abdur Rahman Crescent Institute of Science &amp; Technology</b> in the <b>3rd</b> place in <b>all India Ranking</b> among the top private colleges. The award distribution function held on 19<sup>th</sup> July 2019 at the Eros Hotel, Nehru Place, New Delhi.</p>	
<p>We got the Industry Academia Excellence Award for “Excellence in Enhancement of Students Employability” at Chennai on 6<sup>th</sup> January 2020</p>	

## DEPARTMENT OF PHYSICAL EDUCATION



## **ANNUAL REPORT ON THE SPORTS ACTIVITIES FOR THE YEAR 2019 – 20**

The performance of our students in the field of sports and games during this academic year 2019 – 20 is quite impressive due to the fact that our students had to compete at the National level and State level competitions against quality teams.

At the beginning of this academic year, selection trials were conducted in all Games & Sports and Athletic events for Men and Women students separately for better performance in the inter-university and inter-institutional tournaments. The captains of various teams were selected.

Mr. R.Barathsre - IV B.Tech (Mech) Our Institution Tennis player was nominated as Sports secretary & Ms. T. Devadharsini- IV B.Tech (Bio-Tec) Ball Badminton player was nominated as Joint Secretary.

### Student Representatives for Sports:-

Mr. G. Irshad Ahmed- IV B.Tech (Civil)

Mr. T. Arun Kumar- III BCA

Mr. Mohamed Afzal- II BSC (CS)

Mr. S. Mohammed Irshad - I B.Tech (Mech)

Mr. S.Prakash – II M.Tech (Civil)

Ms. J. Sandhiya – IV B.Tech (ECE)

Ms. B.Nivetha – III B.Com

Ms. R.Pavithra – II B.Tech (Bio-Tec)

Ms. M. Lina Fathima – B.Tech (Bio-Tec)

Ms. S. Pujitha – II M.Sc (Micro)

Our students have brought laurels to our University in various competitions this year and the following are the achievements.

### **ATHLETICS**

Our Institution Men Athlete won the following position in the State Level Inter Collegiate IITSportsfest-2019 Athletic Meet organized by IIT Madras, Chennai on 16<sup>th</sup> to 20<sup>th</sup> September-2019.

1. Mr. S. Mohammed Afzal – II B.Sc (CS) - Silver Medal in 100 M – Dash

Our Institution Athletics men team has won the following position in the 6<sup>th</sup> National Rural Games organized by Rural Games Organization of India at Ujjain, Madhya Pradesh, on 23<sup>rd</sup> & 24<sup>th</sup> August -2019.

1. Mr. S. Mohammed Afzal – II B.sc (CS) - Gold Medal in 100 M - Dash

2. Mr. A. Faizal Khan – II B.Tech (Civil) - Gold Medal in 200 M - Dash

3. Mr. S. V. Vasist Vignes – III B.Com - Gold Medal in Long Jump

Our Institution Men Athlete won the following position in the 5<sup>th</sup>Tamilnadu State Youth Rural Games - 2019.

1. Mr. V. S. Vasist Vignesh – III B. Com (A&F) -Gold Medal in 400mts

Fourth Place in Long Jump

Our Institution Men Athlete won the following position in the 6<sup>th</sup>National Youth Rural Games – 2019 at Punjab.

1. Mr. V. S. Vasist Vignesh – III B. Com (A&F) - Silver Medal in Long Jump

Finalist in 400mts

Our Institution Men Athlete won the following position in the Indo Nepal Youth Games – 2019 at Pokhara, Nepal.

1. Mr. V. S. Vasist Vignesh – III B. Com (A&F) - Gold Medal in Long Jump

Our Institution Athletics men team has participated in the 80<sup>th</sup>All India Inter University Tournaments-2020 at Mangalore.

1. Mr. S. Mohammed Afzal – II B.sc (CS) - 100 M - Dash

2. Mr. A. Faizal Khan – II B.Tech (Civil) - 200 mts & 110 Hurdles

3. Mr. S. V. Vasist Vignes – III B.Com - 400mts

## BADMINTON

Our Badminton Men team has won the Winner Position in the State Level Inter Collegiate Badminton men Tournament organized by IIT Madras, Chennai on 16<sup>th</sup> to 20<sup>th</sup> September-2019.

Our Badminton Men team player Mr. S. A. Rajaram - III B. Tech (Mech) has won the winner position in the men singles in the 4<sup>th</sup> Tamil Nadu State Rural Games Championship – 2019 organized by Rural Games organization of Tamil Nadu at Dhanalakshmi College of Engineering, Tambaram on 13<sup>th</sup> Oct – 2019.

Our Badminton Men team player Mr. R. Loyd Vergil - III B.Tech (EIE) has won the Runner - up position in the men singles in the 4<sup>th</sup> Tamil Nadu State Rural Games Championship – 2019 organized by Rural Games organization of Tamil Nadu at Dhanalakshmi College of Engineering, Tambaram on 13<sup>th</sup> Oct – 2019.

Our Badminton Men team players Mr. R. Diwakar Rao - II MBA & Mr. N. Kishore – III B.Tech (ECE) has won the Winners position in the men doubles in the 4<sup>th</sup> Tamil Nadu State Rural Games Championship – 2019 organized by Rural Games

organization of Tamil Nadu at Dhanalakshmi College of Engineering, Tambaram on 13<sup>th</sup> Oct – 2019.

## CRICKET

Our Cricket Men team player's have got the Winner Position in the IBM Business School Tournament. Also our cricket team men players Got Runners Up in Dhanish Ahamed College Cricket Tournament and SRM Milan National Level Tournament in 2020.

## FOOTBALL

Our Football Men team players have got the Runners Up in VIT Festival, organized by VIT Vellore.

## TABLE TENNIS

Our Table Tennis Women team players Ms. K. S. Subiksha – III BBA LLB & R.MeenachiSubasri – IV B. Tech (CSE) has won the Winner Position in the State Level Inter Collegiate Table Tennis Tournament organized by IIT Madras, Chennai on 16<sup>th</sup> to 20<sup>th</sup>September-2019.

Also got Third Place in MOP Vaishnav Inter-College match.

## KARATE

Mr. R. Suriya – II BBA won the First Place in the State Level Open Karate Championship-2019.

Ms. Shankari won the First Place in the 5<sup>th</sup> Kicks and Punches International Karate Championship 2020 conducted in Sairam Engineering College, Tambaram, Chennai.

## SILAMBAM

Mr. R. Suriya – II BBA won the First Place in the 4<sup>th</sup> National level Championship & Chennai Got Talent.

## TARGET BALL (WOMEN)

Our college Target ball team has got the 4<sup>th</sup> place in the Inter University Targetball Women Tournament held at KI University AndhraPradesh.



In conclusion, the achievements of our students this year are highly commendable. In appreciation of their achievements, cash prizes are also awarded every year to outstanding sports persons who have brought laurels to our Institute at the National, State and Regional Level competitions.

## OFFICE OF ALUMNI RELATIONS

**List of important Activities /events conducted by the Office of Alumni Relations :( May 2019 – July 2020)**

Sl. No	Name of Activity / Event	Date
1	Distinguished Alumni Award (1 <sup>st</sup> Edition)	10 July 2019
2	Silver Jubilee Alumni Reunion 2019 (1994 batch)	6 July 2019
3	“Alumni Talk”- Alumni Student Mentoring Session	10 July 2019
4	Alumni Studio Video recording session	10 July 2019
5	Wall of Fame – 13 departments	5 Aug 2019
6	OAR Website Inauguration and release of the 1st Newsletter	13 Sept 2019
7	“Alumni Talk” - Alumni Guest Lecture on “Reverse Engineering the Malware ...”	18 Sept 2019
8	“Alumni Talk”- Alumni Mentoring session on “The Next Big Thing “	18 Sept 2019
9	“Alumni Talk” - Alumni Guest Lecture on “Current trends in metal forming research... “	1 Oct 2019
10	Crescent Achiever’s Connect 2019 (1st Edition)	16 Oct 2019
11	Alumni Testimonial Video 2019	30 Oct 2019
12	“Alumni Talk” - Alumni Guest Lecture on “Applications of RADAR ...”	8 Nov 2019
13	“Alumni Talk”- Alumni Mentoring session on “Managerial Jobs Tomorrow”	3 Dec 2019

14	“Alumni Talk” – Alumni Guest Lecture on “Opportunities in Civil Engineering Field”	27 Jan 2020
15	“Alumni Talk” – Alumni Mentoring Session on “Confidence Building Measures”	30 Jan 2020
16	Crescent Alumni Lateral Hiring (1st Edition)	1 Feb 2020
17	“Alumni Talk” – Alumni Mentoring Session on “Staying focused and productive in the digital age”	7 Feb 2020
18	“Alumni Meet” - “Department of Civil Engineering Alumni meet 2020”	22 Feb 2020
19	“Alumni Meet” - “ECE Department Alumni meet 2020”	7 March 2020
20	Launch of OAR Social Media Handles	15 April 2020
21	Campaign to create awareness on the Corona Virus Pandemic.	22 April 2020
22	Alumni Webinar Series #1 on “New Beginnings - What comes after COVID 19”	4 May 2020
23	Alumni Webinar Series #2 on "Prepare yourself for challenges of post COVID - 19"	5 May 2020
24	Alumni Webinar Series #3 on “Student engagement in a Digital world”	6 May 2020
25	Alumni Webinar Series #4 on “Business continuity after the Corona Crisis”	18 May 2020
26	Alumni Webinar Series #5 on “Introduction to Data Science with MATLAB”	20 May 2020
27	Alumni Webinar Series #6 on “The World of Data Science”	27 May 2020
28	Alumni Webinar Series #7 on “Applications of Polymers in Construction - Past and Future Trends”	12 June 2020
29	Alumni Webinar Series #8 on “Acoustic Emission Characterization of failure modes on lap Joints”	16 June 2020

30	Alumni Webinar Series #9 on “Github - Why learning it is important to get a job ”	17 June 2020
31	Alumni Webinar Series #10 on “E-bio Fuel Cell Powered Vehicle”	23 June 2020
32	Alumni Webinar Series #11 on "Swift Automation”	26 June 2020
33	Alumni Webinar Series #12 on “Design and Sizing of Cables and Motors”	3 July 2020
34	Alumni Webinar Series #13 on “Power System Analysis through ETAP”	17 July 2020
35	Alumni Admission Flyers – 11 departments	18 July 2020

1. Distinguished Alumni Award (1<sup>st</sup> Edition) – July 10, 2019

From the year 2019 onwards BSA Crescent has instituted the Distinguished Alumnus Award, which will be awarded to our alumni who have displayed significant achievements in their chosen profession.

The Distinguished Alumnus Award intends to acknowledge the achievements of our esteemed Alumni and is to be given every year to our Alumni to acknowledge and honor their achievements.

The inaugural distinguished alumni award 2019 was conferred upon Mr. Mir Mohammad Ali, I.A.S an alumnus of the class of 2008 (ECE Batch).

Mr. Mir Mohammad Ali, IAS, has been recently appointed as the Secretary to the Chief Minister of Kerala.





2. Silver Jubilee Alumni Reunion 2019 (1994 batch) – July 6, 2019

The batch of 1994 of Crescent Engineering College Alumni had a reunion in the campus to celebrate 25 years of graduation on 6th July 2019 (Civil, Mechanical, EEE, CSE branches) .More than 120 Alumni gathered together from various countries and other parts of India / TN to attend the event.



3. “Alumni Talk” - Alumni Student Mentoring Session – July 10, 2019

Office of Alumni Relations conducted an interactive Alumni mentoring session by Mr. Mir Mohammad Ali, I.A.S an alumnus of B.Tech - ECE 2008 Batch on “How to prepare for Competitive examinations”.



4 .Alumni Studio Video recording session – July 10, 2019

Mr. Mir Mohammad Ali, I.A.S an alumnus of the class of 2008 (ECE Batch) visited our studio in the campus and recorded a video lecture for the Office of Alumni Relations & Centre for Competitive exams. Mr. Mir Mohammad Ali, IAS, has been recently appointed as the Secretary to Chief Minister of Kerala.



5 Wall of Fame – 13 departments.

In recognition of the many notable achievements of the alumni, the Institute established the Wall of Fame. The Wall of Fame recognizes outstanding professional and public service achievements by our Alumni bringing honor and prestige to our Institute. We have a departmental Wall of Fame displaying 10 prominent Alumni members of each department and also online in the website.

**WALL OF FAME**

Prominent Alumni from Department of Computer Science and Engineering

 <b>Priyadharshini Charles</b> Vijeyakumar 2008-2012 Senior Associate EMIS Health India Pvt Ltd	 <b>Preethi S</b> 2008-2012 Manager FMCG, Procter & Gamble	 <b>Shahul Hameed H P</b> 2008-2012 Technology Consultant-SAP Deloitte Consulting	 <b>Vimal</b> 2008-2012 Junior Associate State Bank Of India	 <b>Muhamed Hussain</b> 2013-2017 Assistant manager National Payments Corporation of India
 <b>Ziyulhuk</b> 2014-2016 Senior Consultant Hitachi Consulting Hyderabad	 <b>Siva Shankaran</b> 2008-2012 Associate Cognizant Technology Solutions	 <b>Syed Yaseen Ahmed Ali</b> 2008-2012 Machine Learning Data Analyst Amazon Development Center	 <b>Umar Farook</b> 2008-2012 Consultant – Business Development Virtusa Corporation	 <b>Thanish Mohammed J</b> 2008-2012 Product Manager Sulekha

6 Website Inauguration and release of the first Newsletter – Sept 13, 2019

Our Honorable Pro Chancellor Mr. Abdul Qadir Abdul RahmanBuhari inaugurated the website of Office of Alumni Relations on 13 Sept 2019 and also released the first newsletter of Office of Alumni Relations.



7. “Alumni Talk” - Alumni Guest Lecture on “Reverse Engineering the Malware ...” – Sept 18, 2019

The Office of Alumni Relations conducted a guest lecture session by our Alumnus Mr. G K Bhaskar (M Tech CSE, 2016 Batch) – NetworkSecurity Analyst, Cybersecurity Works - on the topic “Reverse Engineering the Malware ... “ on 18th Sept 2019 at 10.30 am in Seminar Hall .





**8. “Alumni Talk” - Alumni mentoring session on “The Next Big Thing “– Sept 18, 2019**

The Office of Alumni Relations conducted a mentoring session by our Alumnus Mr. Samridh Mangotra (BTech IT, 2005 Batch) - Assistant Vice President (Finance Change Delivery), HSBC, Gurgaon - on the topic “The Next Big Thing...” on 18th Sept 2019 at 2.00 pm in Seminar Hall .



9. “Alumni Talk” - Alumni Guest Lecture on “Current trends in metal forming research...” – October 1, 2019.

The Office of Alumni Relations conducted a guest lecture session by our Alumnus Dr. Hariharan, K, Assistant Professor, IIT Madras, (B. Tech Mech., 2004 Batch) on the topic “Current trends in metal forming research” on 1st Oct 2019 at 2.30 pm in Seminar Hall.



10. Crescent Achiever’s Connect 2019 (1<sup>st</sup>Edition) – October 16, 2019.

Crescent Achiever’s Connect 2019 (1<sup>st</sup>Edition) was conducted on 16<sup>th</sup> October 2019 from 9.30 am to 1.00 pm in the Auditorium, Convention Centre. The event had 7 prominent Alumni speakers, who have achieved exceptional heights in their careers sharing their life experiences with the present students in their Alma Mater, which will shape our students into better professionals once they commence a job.

Seven prominent Alumni speakers from different sectors were invited. Around 650 First year B.Tech students attended the event and got motivated by this mentoring session. The Alumni presented their work and shared their achievements to our future achievers.

B.S. Abdur Rahman  
**Crescent**  
 Institute of Science & Technology  
 Deemed to be University u/s 3 of the UGC Act, 1956

**Office of Alumni Relations**  
*Presents*  
**ACHIEVERS CONNECT 2019**  
 (1<sup>st</sup> Edition)

  <b>Mr. Karthik Balan K.N.</b> (B.Tech IT, 2010 Batch) Assistant Vice President	  <b>Mr. Khuzema Siamwala</b> (B.Tech CSE, 2010 Batch) CEO	  <b>Mrs. Thilagh Kasipandian</b> (B.Tech EEE, 1998 Batch) Sr. Learning Consultant
  <b>Mr. Tameem M Sajed</b> (B.Tech EEE, 1998 Batch) Director	  <b>Mr. Anand Karkee</b> (B.Tech IT, 2009 Batch) Project Leader	  <b>Mr. Piramuthu Raja Ashok</b> (B.Tech Polymer Engg., 2008 Batch) Sr. Research Engineer
  <b>Mr. Balaji KV</b> (B.Tech Polymer Engg., 2002 Batch) Sr. Lead Engineer - Materials Technology		

Time: 9.30 am to 1.00 pm  
 Date: 16<sup>th</sup> October 2019  
 Venue: Auditorium

[alumni.crescent.education](http://alumni.crescent.education)

Connect, Engage, Collaborate



Sl.	Alumni Name	Designation	Dept. & Batch
1	Mr. Karthik Balan K.N.	Assistant Vice President, Deutsche Bank.	(B Tech IT, 2010 Batch)
2	Mr. Anand Karkee	Project Leader, Tata Consultancy Services	(B Tech IT, 2009 Batch)
3	Mr. Tameem M Saied	Director, Fortran Circuit Electronics Private Ltd	(B Tech EEE, 1998 Batch)
4	Mr. Khuzema Siamwala	CEO, Siam Computing	(B Tech CSE, 2010 Batch)
5	Mrs. Thilagh Kasi Pandian	Sr. Learning Cons., Cognizant Tech.	(B Tech EEE, 1998 Batch)
6	Mr. Piramuthu Raja Ashok	Sr. Research Engineer, Saint Gobain	(B Tech Poly, 2008 Batch)
7	Mr. Balaji KV	Sr. Lead Engineer, Mahindra & Mahindra	(B Tech Poly, 2002 Batch)

#### 11. Alumni Testimonial Video 2019 -- October 2019

During the convocation on 5th & 6th October 2019, a testimonial video of alumni was taken of the 2019 batch. Graduands shared their testimonials about the years they studied in Crescent.

[https://www.youtube.com/watch?time\\_continue=3&v=W5eB5HMkPVA&feature=](https://www.youtube.com/watch?time_continue=3&v=W5eB5HMkPVA&feature=)

#### 12. "Alumni Talk" - Alumni Guest Lecture on "Applications of RADAR" – November 8, 2019.

The Office of Alumni Relations conducted a guest lecture by our Alumnus Mr. Sulthan Syed Ibrahim.H.S (B Tech ECE, 2009 Batch) – Air Traffic Controller, Airports Authority of India, Chennai – on the topic "Applications of RADAR" on 8 Nov 2019 at 10.30 am in Seminar Hall 1. 4th & 2nd year students of the ECE department attended the event.



13. “Alumni Talk” - Alumni Mentoring session on “Managerial Jobs Tomorrow” – December 3, 2019.

The Office of Alumni Relations conducted a mentoring session by our Alumnus Mr. S. Ramajagan (MBA, 2012 Batch), Senior Manager (Risk Analytics), HDFC Bank - on the topic “Managerial Jobs Tomorrow” at 10.30 am in Seminar Hall 2, Convention Centre on 3rd Dec 2019 at 10.30 am. 1<sup>st</sup> year students from the MBA department attended the event.



**14. “Alumni Talk” – Alumni Guest Lecture on “Opportunities in Civil Engineering Field”**

The Office of Alumni Relations & Department of Civil Engineering conducted an Alumni Guest Lecture on “Opportunities in Civil Engineering Field” was conducted by our Alumnus Er. Sudarsanan.S, (B.E. Civil Engg., 2005 Batch) Project Manager Sandvik Asia Private Ltd., Hyderabad on 27 January 2020 at 10.30 am, as part of the “Alumni Talk” series for the 4th & 3rd year Civil Engg students.



**15. Alumni Talk – Alumni Mentoring Session on “Confidence Building Measures”**

The Office of Alumni Relations & Department of Computer Applications conducted an Alumni Mentoring session on “Confidence Building Measures” was conducted by our Alumnus Mr.Farhan Ahmed Sheikh (MCA, 2004 Batch), Entrepreneur & Soft Skills trainer on 30th January 2020 at 10.30 am, as part of the “Alumni Talk” series for the 2nd year computer applications students.



## 16. Crescent Alumni Lateral Hiring (1<sup>st</sup> Edition)

The Office of Alumni Relations conducted the “Crescent Alumni Lateral hiring (1st Edition)” event on 1st February 2020 at 10.00 am in Seminar Hall 1. (For past 5 years. Crescent Alumni - 2019/ 2018 / 2017/ 2016/ 2015 batches).

10+ corporates participated in the event.

225 Alumni registered for the event and over 100 Crescent Alumni attended the event.



**17. Alumni Talk – Alumni Mentoring Session on “Staying focused and productive in the digital age”**

The Office of Alumni Relations & Department of Information Technology conducted an Alumni mentoring session on “Staying focused and productive in the digital age” by our Alumnus Mr. SrihariSridharan (B.Tech. IT, 2004 Batch), Principal Member of Technical Staff, Athena Health India Pvt. Ltd. on 7th February 2020 @ 11:00 am in Seminar Hall , as part of the “Alumni Talk” series.



**“Alumni Talk”**

The following alumni have been part of this Alumni “Mentoring /Guest Lectures”initiative.

Sl. No	Event date	Name of the Alumni & Designation	Dept. & Batch	Name of the event
1	18 Sept 2019	Mr.G.K.Bhaskar, Network Security Analyst, Cybersecurity Works	MTech CSE, 2016 Batch	“Alumni Talk” - Alumni Guest Lecture on “Reverse Engineering the Malware ...”



2	18 Sept 2019	Mr. Samriddh Mangotra, Assistant Vice President (Finance Change Delivery), HSBC, Gurgaon	B Tech IT, 2005 Batch	“Alumni Talk”- Alumni Mentoring session on “The Next Big Thing “
3	1 Oct 2019	Dr. Hariharan, K, Assistant Professor, IIT Madras	B Tech Mech, 2004 Batch	“Alumni Talk” - Alumni Guest Lecture on “Current trends in metal forming research... “
4	8 Nov 2019	Mr. Sulthan Syed, Ibrahim.H.S, Air traffic Controller, Airports Authority of India, Chennai.	B Tech ECE, 2009 Batch	“Alumni Talk” - Alumni Guest Lecture on “Applications of RADAR ...”
5	3 Dec 2019	Mr. Ramajagan, Senior Manager (Risk Analytics), HDFC Bank, Chennai	MBA, 2012 batch	“Alumni Talk”- Alumni Mentoring session on “Managerial Jobs Tomorrow”
6	27 Jan 2020	Mr. Sudarsanan. S, Project Manager, Sandvik Asia Private Limited - Hyderabad.	BE. Civil Engg., 2005 batch	“Alumni Talk” – Alumni Guest Lecture on “Opportunities in Civil Engineering Field”
7	30 Jan 2020	Mr. Farhan Ahmed Sheikh, Entrepreneur & soft skills trainer.	MCA, 2004	“Alumni Talk” – Alumni Mentoring Session on “Confidence Building Measures”
8	7 Feb 2020	Mr. Srihari Sridharan, Principal Member of Technical Staff,	B.Tech.IT, 2004	“Alumni Talk” – Alumni Mentoring Session on “Staying

		Athena Health India Pvt. Ltd	focused and productive in the digital age”
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**18. “Alumni Meet” - “Department of Civil Engineering Alumni Meet 2020”**

The Office of Alumni Relations and the Department of Civil Engineering organized a “Department of Civil Engineering Alumni meet 2020” on 22nd Feb 2020, in the campus.



**19. “Alumni Meet” - “ECE Department Alumni meet 2020”**

The Office of Alumni Relations and the ECE Department organized an “ECE Department Alumni meet 2020” on 7<sup>th</sup> Mar 2020, in the campus.



20. Launch of OAR Social Media Handles

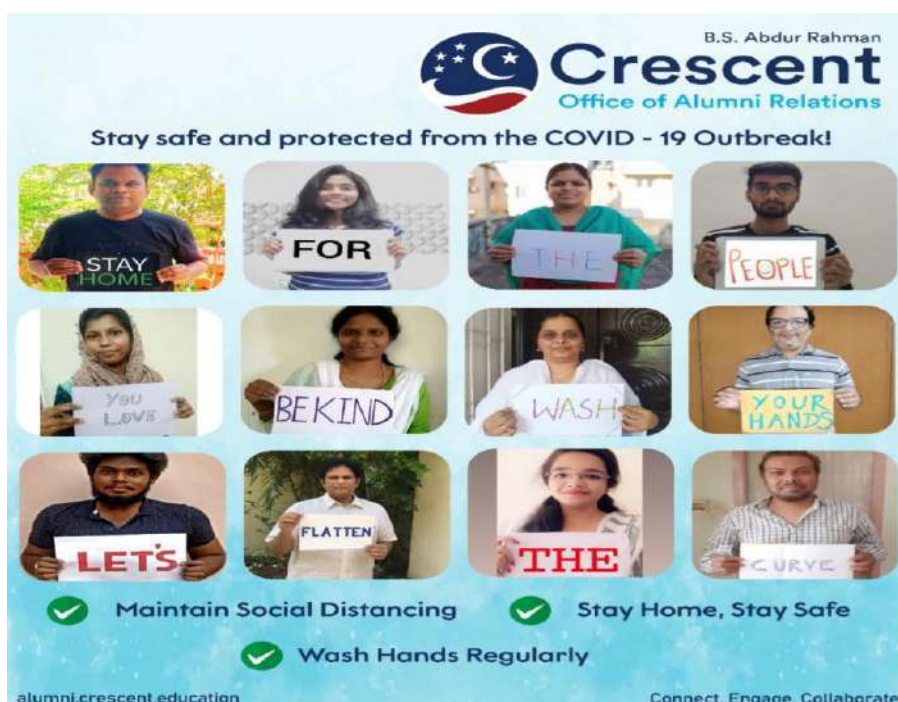
Office of Alumni Relations launched 5 social media handles on 15 April 2020 in LinkedIn, Facebook, Twitter, YouTube and Instagram.

Crescent Alumni would be updated about the various events and activities via social media.



21. Campaign to create awareness on the Corona Virus Pandemic -- April 2020

As part of the campaign to create awareness on the Corona virus Pandemic, the Office of Alumni Relations (OAR) created digital posters and circulated it to our Alumni.



22. “Alumni Webinar Series” #1 on “New Beginnings - What comes after COVID -19”

The Office of Alumni Relations conducted an Alumni Webinar on “New Beginnings - What comes after COVID - 19” by our Alumnus Mr. Samriddh Mangotra, (B Tech IT, 2005 Batch), Assistant Vice President, HSBC on 04 May 2020, as part of the “Alumni Webinar” series.



23. “Alumni Webinar Series”#2 on "Prepare yourself for challenges of post COVID - 19"

The Office of Alumni Relations conducted an Alumni Webinar on "Prepare yourself for challenges of post COVID - 19" by our Alumnus Mr. Sulthan Syed Ibrahim H S, (B Tech ECE, 2009 Batch) Air Traffic Controller, Airports Authority of India 05 May 2020, as part of the “Alumni Webinar” series.



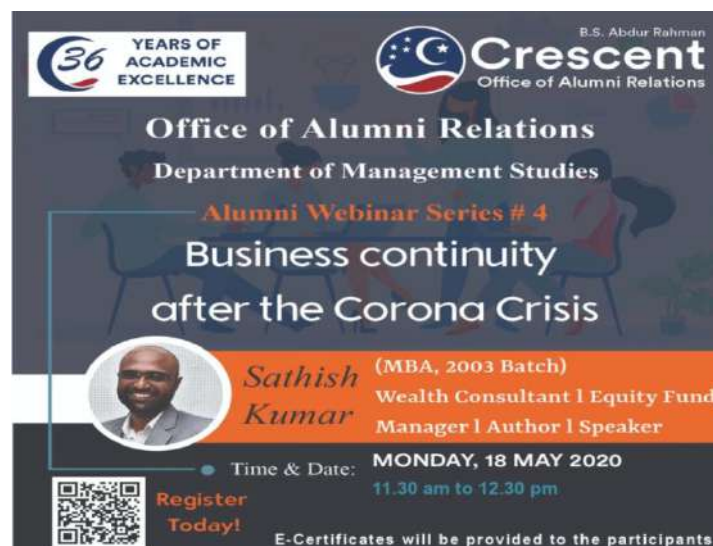
24. “Alumni Webinar Series”#3 on “Student engagement in a Digital world”

The Office of Alumni Relations conducted an Alumni Webinar on “Student engagement in a Digital world” by our Alumnus Mr. Ramajagan Sampath Kumar, (MBA, 2012 batch), Senior Manager, (Risk Analytics), HDFC Bank 06 May 2020, as part of the “Alumni Webinar” series.



25. “Alumni Webinar Series”#4 on “Business continuity after the Corona Crisis”

The Office of Alumni Relations & Department of Management Studies conducted an Alumni Webinar on “Business continuity after the Corona Crisis” by our Alumnus Mr. M Sathish Kumar (MBA, 2003 Batch), Wealth Consultant I Equity Fund Manager I Author I Speaker on 18 May 2020, as part of the “Alumni Webinar” series.



26. “Alumni Webinar Series”#5 on “Introduction to Data Science with MATLAB”

The Office of Alumni Relations & Department of Mechanical Engineering conducted an Alumni Webinar on “Introduction to Data Science with MATLAB” by our Alumnus Mr. Syed Shaul Hameed (B.E. Mech, 2011 Batch), Assistant Professor, Dept. of Mechanical Engineering, BSACIST on 20 May 2020, as part of the “Alumni Webinar” series.



27. “Alumni Webinar Series”#6 on “The World of Data Science”

The Office of Alumni Relations & Department of Computer Science Engineering conducted an Alumni Webinar on “The World of Data Science” by our Alumnus Mr. Mr. Mufeed Usman, (B.E. CSE, 2004 Batch), Data Plumber, Company StreamSets Inc. on 27 May 2020, as part of the “Alumni Webinar” series.



28. “Alumni Webinar Series”#7 on “Applications of Polymers in Construction - Past and Future Trends”

The Office of Alumni Relations & Department of Polymer Engineering conducted an Alumni Webinar on “Applications of Polymers in Construction - Past and Future Trends” by our Alumnus Mr. Mahmood Ali Ismail, (B.E Polymer, 2014 Batch), Polymer Engineer at FORSOC, Boodai Trading Co., Kuwait on 12 June 2020, as part of the “Alumni Webinar” series.



29. “Alumni Webinar Series”#8 on “Acoustic Emission Characterization of failure modes on lap Joints”

The Office of Alumni Relations & Department of Mechanical Engineering conducted an Alumni Webinar on “Acoustic Emission Characterization of failure modes on lap Joints” by our Alumnus Dr. Mohamed Bak K (M.E CAD, 2006 Batch), Assistant Professor, Department of Mechanical Engineering, BSACIST on 16 June 2020, as part of the “Alumni Webinar” series.





**36 YEARS OF ACADEMIC EXCELLENCE**

**Office of Alumni Relations**  
*in association with*  
**Department of Mechanical Engineering**

Join our Upcoming  
**▶ WEBINAR #8**  
 ON

**Acoustic Emission Characterization of Failure Modes on Lap Joints**

**SPEAKER**

  
**Dr. Mohamed Bak K**  
 (M.E CAD, 2006 Batch)  
 Assistant Professor  
 Department of Mechanical Engineering  
 B.S Abdur Rahman Crescent Institute  
 of Science and Technology, Chennai

**CONVENER**

  
**Dr. K. Ganesh**  
 Director, Office of Alumni Relations  
 BSA Crescent Institute of Science and Technology  
 Chennai

**COORDINATORS**

**Mr. John Mathew**  
 Alumni Coordinator  
 Office of Alumni Relations

**Mr. Abdur Rahman**  
 Alumni Faculty Coordinator  
 Department of Mechanical Engineering

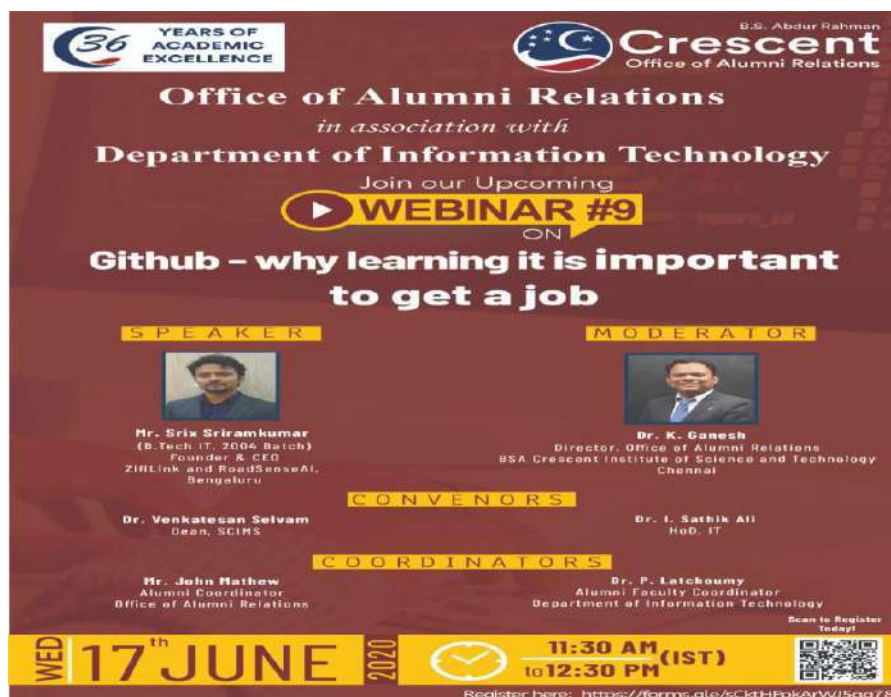
**TUE 16<sup>th</sup> JUNE 2020** **3:00 PM (IST) to 4:00 PM**

Scan to Register Today!

Register here: <https://forms.gle/HDA2dYKqVQ5yIFg7>

30. “Alumni Webinar Series”#9 on “Github - Why learning it is important to get a job”.

The Office of Alumni Relations & Department of Information Technology conducted an Alumni Webinar on “Github - Why learning it is important to get a job” by our Alumnus Mr. Srix Sriramkumar (B.Tech. IT,2004 Batch), Founder & CEO, ZifiLink and RoadSenseAI, Bengaluru on 17 June 2020, as part of the “Alumni Webinar” series.




**36 YEARS OF ACADEMIC EXCELLENCE**

**Office of Alumni Relations**  
*in association with*  
**Department of Information Technology**


Join our Upcoming  
**▶ WEBINAR #9**  
 ON

**Github - why learning it is important to get a job**

**SPEAKER**

  
**Mr. Srix Sriramkumar**  
 (B.Tech IT, 2004 Batch)  
 Founder & CEO  
 ZIFILink and RoadSenseAI,  
 Bengaluru

**MODERATOR**

  
**Dr. K. Ganesh**  
 Director, Office of Alumni Relations  
 BSA Crescent Institute of Science and Technology  
 Chennai

**CONVENORS**

**Dr. Venkatesan Selvam**  
 Dean, SCIMS

**Dr. I. Sathik Ali**  
 HoD, IT

**COORDINATORS**

**Mr. John Mathew**  
 Alumni Coordinator  
 Office of Alumni Relations

**Dr. P. Latchoumy**  
 Alumni Faculty Coordinator  
 Department of Information Technology

**WED 17<sup>th</sup> JUNE 2020** **11:30 AM (IST) to 12:30 PM**

Scan to Register Today!

Register here: <https://forms.gle/5CkthFPkAFWJ5ag78>

31. “Alumni Webinar Series”#10 on “E-bio Fuel Cell Powered Vehicle”

The Office of Alumni Relations & Department of Polymer Engineering conducted an Alumni Webinar on “E-bio Fuel Cell Powered Vehicle” by our Alumnus Dr. Mohammed Hussain (B.E Polymer 2006 Batch), Research Scientist, Nissan Motor Corporation, USA on 23 June 2020, as part of the “Alumni Webinar” series.

**BSACIST ALUMNI WEBINAR** | B.S. Abdur Rahman **Crescent** Institute of Science & Technology  
 Deemed to be University u/s 3 of the UGC Act, 1956

**International Alumni Webinar #10**  
 Office of Alumni Relations  
*in association with*  
 Department of Polymer Engineering

**“E-bio Fuel Cell Powered Vehicle”**

**SPEAKER**  
**DR. MOHAMMED HUSSAIN**  
 Research Scientist  
 Nissan Motor Corporation, USA  
 (B. Tech Polymer, 2006 Batch)

**MODERATOR**  
**Dr. K. Ganesh**  
 Director - Office of Alumni Relations  
 BSA Crescent Institute of Science and Technology, Chennai

**23<sup>rd</sup> JUNE 2020**  
 TUESDAY ☀️ 4:00 pm - 5:00 pm (IST)

**Convenors**  
 Dr.S.Resool Mohideen, Professor and Dean, School of Mechanical Sciences | Dr.S.S.M Abdul Majeed, Professor and Head, Department of Polymer Engineering

**Coordinators**  
 Mr. John Mathew, Alumni Coordinator, Office of Alumni Relations | Mrs.J. Shahitha Parveen, Alumni Faculty Coordinator, Department of Polymer Engineering

Scan to Register Today! [QR Code]

32. “Alumni Webinar Series”#11 on "Swift Automation”

The Office of Alumni Relations & Department of Computer Applications conducted an Alumni Webinar on "Swift Automation”by our Alumnus Mr. Mohammed Hussain V (MCA - 2013 Batch), Senior Project Engineer, Wipro technologies Pvt. Ltd. on 26 June 2020, as part of the “Alumni Webinar” series.

**BSACIST ALUMNI WEBINAR#11** | B.S. Abdur Rahman **Crescent** Institute of Science & Technology  
 Deemed to be University u/s 3 of the UGC Act, 1956

**Office of Alumni Relations**  
*in association with*  
 Department of Computer Applications

**“Swift Automation”**

**SPEAKER**  
**MOHAMMED HUSSAIN .V**  
 Senior Project Engineer  
 Wipro Technologies Pvt. Ltd.  
 (MCA - 2013 Batch)

**MODERATOR**  
**Dr. K. Ganesh**  
 Director - Office of Alumni Relations  
 BSA Crescent Institute of Science and Technology, Chennai

**26<sup>th</sup> JUNE 2020**  
 FRIDAY ☀️ 3:00 pm - 4:00 pm (IST)

**Convenors**  
 Dr. Venkatesan Selvam, Professor and Dean, School of Computer Information & Mathematical Sciences | Dr. Gufran Ahmad Ansari, Professor and Head, Department of Computer Applications

**Coordinators**  
 Mr. John Mathew, Alumni Coordinator, Office of Alumni Relations | Dr.Javubar Sathick, Alumni Faculty Coordinator, Department of Computer Applications

Scan to Register Today! [QR Code]

**33. “Alumni Webinar Series”#12 on “Design and Sizing of Cables and Motors”**

The Office of Alumni Relations & Department of Electrical & Electronics Engineering conducted an Alumni Webinar on “Design and Sizing of Cables and Motors” by our Alumnus Mr. Janarthanan. M (B.E. EEE 2002 Batch), Lead Engineer, Petrofac International Ltd, Oman on 3 July 2020, as part of the “Alumni Webinar” series.

**BSACIST ALUMNI WEBINAR** | **Crescent** Institute of Science & Technology  
 B.S. Abdur Rahman  
 Deemed to be University u/s 3 of the UGC Act, 1956  
 An ISO 9001:2015 certified Institution

**International Alumni Webinar #12**  
 Office of Alumni Relations  
*in association with*  
 Department of Electrical & Electronics Engineering

**“Design and Sizing of Cables and Motors”**

**SPEAKER**  
**JANARTHANAN .M**  
 Lead Engineer  
 Petrofac International Ltd - Muscat  
 (B. Tech EEE, 2002 Batch)

**MODERATOR**  
**Dr. K. Ganesh**  
 Director - Office of Alumni Relations  
 BSA Crescent Institute of Science and Technology, Chennai

**03<sup>rd</sup> JULY 2020**  
 FRIDAY ☀️ 03:00 pm - 04:00 pm

**Scan to Register Today!**

**Convenors**  
 Dr. D. Najumnissa Jamal  
 Dean  
 School of Electrical and Communication Sciences

**Coordinators**  
 Mr. John Mathew  
 Alumni Coordinator  
 Office of Alumni Relations

**Dr. Y. Mohamed Shuaib**  
 HOD  
 Department of Electrical & Electronics Engineering

**Mrs. S. Jennathu Beevi**  
 Alumni Faculty Coordinator  
 Department of Electrical & Electronics Engg.

**34. “Alumni Webinar Series”#13 on “Power System Analysis through ETAP”**

The Office of Alumni Relations & Department of Electrical & Electronics Engineering conducted an Alumni Webinar on “Power System Analysis through ETAP” by our Alumnus Dr. Adhi Narayanan Theerthamalai (M.E, Power System, 2004 Batch), Lead Engineer, Petrofac International Ltd, UAE on 17 July 2020, as part of the “Alumni Webinar” series.

**BSACIST ALUMNI WEBINAR** | **Crescent** Institute of Science & Technology  
 B.S. Abdur Rahman  
 Deemed to be University u/s 3 of the UGC Act, 1956  
 An ISO 9001:2015 certified Institution

**International Alumni Webinar #13**  
 Office of Alumni Relations  
*in association with*  
 Department of Electrical & Electronics Engineering

**“Power System Analysis through ETAP”**

**SPEAKER**  
**Dr. T. ADHI NARAYANAN THEERTHAMALAI**  
 Lead Electrical Engineer & Power Systems Study Specialist  
 Petrofac International Ltd, UAE.  
 (M.E - Power System Engineering, 2004 Batch)

**MODERATOR**  
**Dr. K. Ganesh**  
 Director - Office of Alumni Relations  
 BSA Crescent Institute of Science and Technology, Chennai

**17<sup>th</sup> JULY 2020**  
 FRIDAY ☀️ 03:00 pm - 04:00 pm

**Register here :**  
<https://fb.gy/jbqzqj>  
 or  
 Scan to Register

**E-Certificates will be provided to the participants**

**Convenors**  
 Dr. D. Najumnissa Jamal, Dean / SECS  
 Dr. Y. Mohamed Shuaib, HOD EEE

**Coordinators**  
 Mr. John Mathew  
 Mrs. S. Jennathu Beevi

**BSACrescentOfficeOfAlumniRelations** | **bsacrescent-office-of-alumni-relations** | **bsacist\_msr**  
 Crescent Office of Alumni Relations | BSACIST\_OAR

## “Alumni Webinars”

The following alumni have been part of the Alumni Webinars initiative:

Sl. No	Webinar Topic & Date	Name of the Alumni & Designation	Alumni Batch details
1	“New Beginnings - What comes after COVID 19” 04 May 2020	Mr. Samriddh Mangotra, Assistant Vice President, HSBC	B Tech IT, 2005 Batch
2	"Prepare yourself for challenges of post COVID -19" 05 May 2020	Mr. Sulthan Syed Ibrahim H S, Air Traffic Controller, Airports Authority of India.	B Tech ECE, 2009 Batch
3	“Student engagement in a Digital world” 06 May 2020	Mr. Ramajagan Sampath kumar, Senior Manager (Risk Analytics), HDFC Bank	MBA, 2012 batch
4	“Business continuity after the Corona Crisis” 18 May 2020	Mr. M Sathish Kumar, Wealth Consultant   Equity Fund Manager   Author   Speaker	MBA, 2003 Batch
5	“Introduction to Data Science with MATLAB” 20 May 2020	Mr. Syed Shaul Hameed, Assistant Professor, Dept. of Mechanical Engineering, BSACIST	B.E. Mech, 2011 Batch
6	“The World of Data Science” 27 May 2020	Mr. Mufeed Usman Data Plumber, Company StreamSets Inc.	B.E. CSE, 2004 Batch
7	“Applications of Polymers in Construction - Past and Future Trends” 12 June 2020	Mr. Mahmood Ali Ismail, Polymer Engineer at FORSOC, Boodai Trading Co., Kuwait.	B.E Polymer 2014 Batch
8	“Acoustic Emission Characterization of failure modes on lap	Dr. Mohamed Bak K, Assistant Professor, Department of Mechanical Engineering, BSACIST.	M.E CAD, 2006 Batch

	Joints” 16 June 2020		
9	“Github - Why learning it is important to get a job” 17 June 2020	Mr. Srix Sriramkumar, Founder & CEO, ZifiLink and RoadSenseAI, Bengaluru.	B.Tech. IT, 2004 Batch
10	‘E-bio Fuel Cell Powered Vehicle’ 23 June 2020	Dr. Mohammed Hussain, Research Scientist, Nissan Motor Corporation, USA	B.E Polymer 2006 Batch
11	"Swift Automation’ 26 June 2020	Mr. Mohammed Hussain V, Senior Project Engineer, Wipro technologies Pvt. Ltd.	MCA 2013 Batch
12	“Design and Sizing of Cables and Motors” 03 July 2020	Mr. Janarthanan. M, Lead Engineer, Petrofac International Ltd, Oman	B.E. EEE 2002 Batch
13	“Power System Analysis through ETAP” 17 July 2020	Dr. Adhi Narayanan Theerthamalai, Lead Engineer, Petrofac International Ltd, UAE.	M.E, Power System, 2004 Batch

35. Alumni Admission Flyers – 11 Departments.

The Office of Alumni Relations has designed Departmental Alumni Admission Flyers for 11 departments and this has been circulated to our Alumni.

## OFFICE OF ACCREDITATION AND RANKING

### ACCREDITATION

#### NAAC:

- The Office of Director (Accreditation & Ranking) has started the preparations for the Second Cycle of NAAC Accreditation, from 1<sup>st</sup> March 2018.
- The required preparations for the submission of our application have been completed by 30<sup>th</sup> September 2019.
- The approval for the submission of application for NAAC Accreditation was obtained from the Board of Management on 05<sup>th</sup> Dec 2019.
- Accordingly, our institute has successfully submitted the initial application “Institutional Information for Quality Assessment (IIQA)” on 11<sup>th</sup> Dec 2019.
- Our “IIQA” has been accepted by NAAC on 18<sup>th</sup> Dec 2019.
- The institute has successfully submitted the “Self- Study Report (SSR)” and the following documents in the NAAC HEI Web portal on 29<sup>th</sup> Jan 2020 :
  - Executive Summary of our Institute
  - Extended Profile
  - Profile of the Institute
  - Evaluative Report of the Departments
  - Quality Indicative Framework of Criteria 1 to Criteria 7
  - Documental Evidence
  - Data Template Form
- Based on the application submitted by our institute, NAAC has started the Data Verification & Validation (DVV) process on 07<sup>th</sup> Feb 2020.
- Simultaneously, NAAC has also initiated the “Student Satisfaction Process” from 7<sup>th</sup> Feb 2020 to 17<sup>th</sup> Feb 2020.
- We have received several queries and clarifications for each metric with respect to the data and details submitted in the SSR by DVV team on 11<sup>th</sup> Feb 2020.

- The final DVV clarifications have been submitted by our institute to NAAC HEI Web portal on 25<sup>th</sup> Feb 2020.
- As a part of our preparations, an “Internal Peer Team” has been constituted, in order to conduct a “Mock Accreditation Process”, for our institute.
- Several meetings with the Senior Professors have been convened to discuss the possible ways of obtaining more than 3.5 in the Second Cycle of Accreditation by NAAC.

## NBA

### NBA Batch 7 (Re-accreditation) :

- The validity of Accreditation for the two UG engineering programme viz., B.Tech. (Mechanical Engg) and B.Tech. (EEE) is getting expiry on 30.06.2020.
- In order to extend the duration, NBA has requested us to submit the Compliance Report to NBA for Re-accreditation process before six months on its expiry date.
- Hence, the Second Cycle of Accreditation process has been initiated and the compliance report of the 2 departments’ viz., B.Tech. (Mech) and B.Tech. (EEE) have been on 11<sup>th</sup> Jan 2020.
- The NBA Expert Team consists of two Programme Experts and headed by one Chairman, visited our Institute on 30<sup>th</sup> Jan 2020 and evaluated the preparations & progress made by the Department of Mechanical Engineering and the Department of Electrical and Electronics Engineering.
- The NBA has re-accredited the two programmes B.Tech. (Mech) and B.Tech. (EEE) under TIER - I Format, for another period of 3 years. The period of validity is up to 30.06.2023.

**NATIONAL BOARD OF ACCREDITATION**

NBAC House, East Block, #1 Floor, Shilpam Plaza Main,  
 Sreebhairi Estate,  
 G.S.T. Road, Vandalur,  
 Chennai 600048,  
 Tamil Nadu.

**NBA**  
 NATIONAL BOARD  
 OF ACCREDITATION

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File No. 33-92/2018-NBA Dated: 08-02-2020

To:  
 The Vice-Chancellor,  
 B. S. Abdur Rahman Crescent Institute of Science and Technology,  
 Sreebhairi Estate,  
 G.S.T. Road, Vandalur,  
 Chennai 600048,  
 Tamil Nadu.

Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier I offered by B. S. Abdur Rahman Crescent Institute of Science and Technology, Sreebhairi Estate, G.S.T. Road, Vandalur, Chennai 600048, Tamil Nadu.

Re: This is regarding Compliance Report submitted by B. S. Abdur Rahman Crescent Institute of Science and Technology, Sreebhairi Estate, G.S.T. Road, Vandalur, Chennai 600048, Tamil Nadu for the UG Engineering programs which were previously accredited by NBA in Tier I for academic year 2017-18 to 2019-20 whose validity is expiring on 30.06.2020.


2. An Expert Team conducted data verification of the programs on 30<sup>th</sup> January, 2020. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Programme (PG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Tier I	Accredited	Academic Years 2020-2021 to 2022-2023 i.e. 30-06-2023	Accreditation status granted is valid for the period indicated in Col-5 until the program has the approval of the competent authority, whichever is earlier.
2.	Electrical & Electronics Engineering	Tier I	Accredited	30-06-2023	

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to B. S. Abdur Rahman Crescent Institute of Science and Technology, Sreebhairi Estate, G.S.T. Road, Vandalur, Chennai 600048, Tamil Nadu in a whole. As such the institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously wherever and whenever it is required to indicate the status of accreditation by NBA.

5. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and intranet(s) of the institution.

 **Comd./**

## AICTE

### Approval Process for the year 2020-21:

- As per the directions of Supreme Court of India, we have participated in the AICTE Approval process for the Academic Year 2018-19 and we have been granted the approval.
- After several scrutiny processes, AICTE Awarded “Extension of Approval” for the Academic year 2019-20 on 21<sup>st</sup> May 2019.
- In continuation with the same, our institute has applied for the “Extension of Approval” for the Academic Year 2020-21 through AICTE Web portal on 29<sup>th</sup> February 2020.
- Due to the outbreak of COVID pandemic in India, the online scrutiny process has been carried out by the Southern Regional Office, AICTE, Chennai on 18<sup>th</sup> May 2020 and the scrutiny process has been successfully completed.
- The ‘Extension of Approval’ from AICTE is awaited.

## RANKING

### QS World University Ranking 2020:

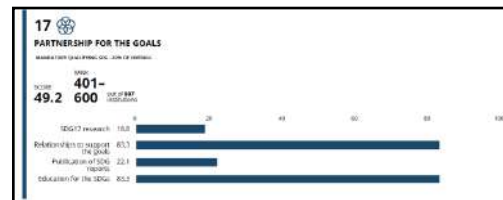
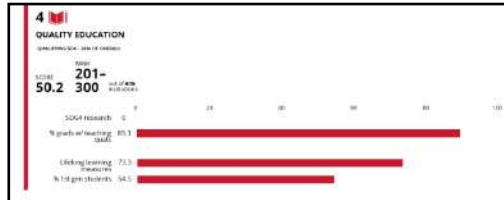
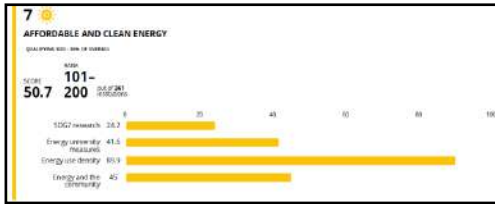
- As per the direction of our Board of Management, our institute participated by way of submitting respective data in the QS World University Ranking 2020.
- In connection with the same, a committee was constituted to collect all the relevant documents and submitted the same in the QS Web Portal during February 2019.
- Based on the data submitted by our institute, we have been ranked “QS Regional Ranking Asia 2020” for the first time.
- Ranked in the band of 451 - 500 in QS Regional Ranking Asia 2020.
- Ranked in the band of 81 - 85 in QS India Ranking 2020





## Times Higher Education (THE) University Impact Rankings 2020:

- Times Higher Education (THE) has invited “Crescent” to participate in the “THE University Impact Rankings 2020 process.
- The “THE University Impact Rankings” shows how the global higher education sector is working towards the United Nations’ Sustainable Development Goals (SDGs).
- There are 17 SDGs, which were adopted by the UN in 2016 to provide a framework for developing the world in a sustainable way.
- To be eligible for inclusion in the overall ranking, a university needs to provide data for SDG17 (SDG17 is mandatory for inclusion in overall) and at least three other SDGs.
- Crescent has participated in the ranking process by way of submitting data and documentary evidence for the ranking survey.
- The data has been submitted in the THE web portal on 20<sup>th</sup> January 2020.
- Our Institute “Crescent” has been ranked in the "TOP 200" by the Times Higher Education "THE Impact Rankings 2020", released on April 22, 2020.
- We have participated in 4 SDGs ( Sustainable Development Goals) and have been ranked in all the 4 SDGs :
  - SDG 7 : Affordable and Clean Energy : Rank 101 – 200
  - SDG 4 : Quality Education : Rank 201 - 300
  - SDG 6 : Clean Water and Sanitation : Rank 201 - 300
  - SDG 17 : Partnerships for the Goals : Rank 401 – 600



### Times Higher Education (THE) World University Rankings:

- Times Higher Education (THE) has invited “Crescent” to participate in the “THE World University Ranking” process. Therefore, a committee has been constituted (i) to understand the requirement in THE University Impact Rankings Ranking Process, (ii) to collect the required data and (iii) to submit the same in the prescribed format, in the THE Web Portal .
- The data has been submitted in the World University Ranking Portal on 12<sup>th</sup> April 2020 and the results are awaited.

### NIRF India Ranking:

- As per the direction of our Board of Management, our institute is participating in the NIRF India Ranking 2020 for the Fifth time.
- In connection with the same, a committee has been constituted to collect all the relevant data for the following four categories :
  - Engineering
  - Architecture
  - Management
  - Overall
- In continuation of the same, several meetings have been convened to fine tune all the relevant documents and uploaded the same in the “Data Capturing System” of NIRF Web Portal during December 2019.

- Based on the application submitted by our institute, NIRF Verification Team has communicated several queries for clarifications during the Jan - March 2020.
- Our institute uploaded all the relevant documents and proofs to the NIRF Verification Team.
- The results are awaited.

**Swachhta Campus Ranking 2019:**

- MHRD, Government of India, has organized “Swachhta Campus Ranking 2019” as a part of Swachh Bharath, in which, our institute has participated for the same.
- Our institute has participated and also undergone several stages of the evaluation process.
- In this connection, a committee has visited our Crescent on 19<sup>th</sup> September 2019 to assess our performance in respect of “Cleanliness & Hygiene”.
- Crescent has been ranked “5<sup>th</sup>”, amongst the “Cleanest Higher Educational Institutions” in the Country, in the category – “Residential University” and the award was presented to us, by the MHRD Minister, Government of India on 3<sup>rd</sup> Dec 2019.



**Clean & Smart Campus Awards 2019:**

- AICTE has initiated a process of “Clean & Smart Campus Award 2019”.
- In connection with the same, an expert committee visited our campus on 9<sup>th</sup> September 2019.





### Dataquest:

- In order to improve our prospectus of getting ranked in the “Best Tech School Survey” conducted by the prestigious “Dataquest”, as done earlier, this time also we have collected all the necessary details and participated in the Dataquest Survey during February 2020.
- Dataquest T-School Survey has ranked our "Crescent" as follows, in their 15th Edition of National Level T-School Ranking.
  - All India Rank "4" - Private T-Schools Category
  - All India Rank "11" - Overall Ranking
  - South Zone Rank "4" - Overall Ranking

### QS E-LEAD Certificate:

- Crescent has been awarded QS E-Lead Certificate with a Top Score in the Audit Process. So far, QS has awarded E-Lead Certificates to 30 Institutions in our Country.





## OTHER ACCOLADES

- Received Certificate of Appreciation for “Jal Sakthi Abhiyaan”, an initiation of AICTE
- Office of Director (A&R) submitted the information required from Institutions deemed to be University to Parliament on 18<sup>th</sup> July 2019
- Initiated one day National Seminar on “Power Electronics Drives for Electric Vehicles” on 10<sup>th</sup> October 2019. The Resource Person is Dr. K. Raghavan, Professor, Department of Electrical Engineering, IIT Gandhi Nagar, Gujarat.



## CRESCENT INNOVATION & INCUBATION COUNCIL

Crescent Innovation & Incubation Council (CIIC) has been established as a Section-8 not for profit company and registered under Indian Companies Act 2013. CIIC acts as a “One Stop Shop – Technology Business Incubator (TBI)” for start-ups. CIIC facilitates entrepreneurial & innovative ecosystem to all the stakeholders including the students, faculties, industries, investors and society at large. CIIC is under the ambit of BSA Crescent Institute of Science & Technology which is deemed to be University under Section 3 of UGC Act 1956. CIIC is presently focusing on the disruptive technologies in the domains of Industry 4.0, Mobility Transportation & Life Sciences.

### SOME KEY INSIGHTS :

Crescent Innovation & Incubation Council (CIIC) is recognised by

- Start-upIndia.
- BIRAC-Department of Biotechnology-Government of India.
- Incubation and Innovation (IIC), Ministry of Education Innovation Cell.
- EDII - Entrepreneurship Development Innovation Institute, Govt. of TamilNadu.
- District Industries Centre, Directorate of Industries & Commerce, Govt. of TamilNadu.
- European Union Commission has recognised CIIC as one the Indian Incubator for Indo-Europe Network Incubator Partnership.



## **VISION**

- ❖ To become a University based Technological Business Incubator of Excellence with national & international allusion parameters.
- ❖ Reform entrepreneurial student aspirants into start-up establishment
- ❖ Support & render start-up into a profitable entity
- ❖ Transform innovation into scalable business models with high productive impact and also encouraging interdisciplinary advancement.
- ❖ To create impact for economic development and community wealth.

## **MISSION**

- ❖ Recognize & nurture students, faculty, and alumni into early stage start-ups.
- ❖ Creating and promoting collaborative networks through partnerships between academia, industry, government.
- ❖ Increasing and advancing the in-house operational skills for leveraging entrepreneurial expertise and resource network
- ❖ Identify & nurture top-notch entrepreneurs in Life Science and Industry 4.0 through expertise mentoring and also foster lean start-ups to sustainable companies.

## **VALUES**

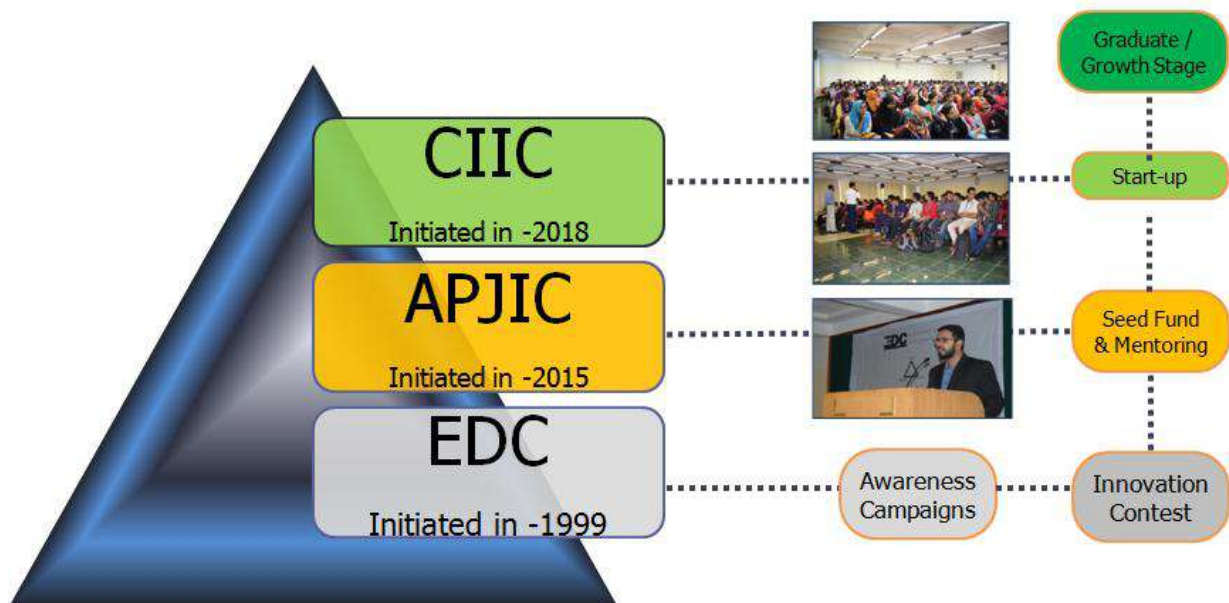
- ❖ To nurture our society by nudging the entrepreneurs with Integrity
- ❖ Sustainability
- ❖ Culture of innovation
- ❖ Without any barrier

## **EVOLUTION OF CIIC**

The Entrepreneurship Developmental Cell was initiated in the year 1999 where awareness campaigns and Innovation contests were held. APJ Abdul Kalam Innovation centre was inaugurated on 15th October 2015 to provide space and facilities to nurture the innovative ideas of the students, scholars and faculties of our University. This centre aimed at motivating students to think out-of-the-box to generate creative ideas. It focused on transforming innovative ideas into products of societal needs by providing technical guidance and filing patents and helping

students to commercialize the products in the long run. CIIC then was established in 2019 with a vision to create impact for economic development and community wealth.

CIIC's startup conversion model aims to collaborate internal, external, industrial experts with the startups- students (UG, PG and Research scholars), faculty, alumni and external with the objective to obtain patents and publications and to convert it into a product/startup.



## IMPACT CREATED

Within a year progress CIIC has incubated 64 startups from student and faculty, alumni and external fraternity. Startups incubated in CIIC have raised Rs.41.15Cr investment from Angel/Venture capitalists. Startups have also received a sum total of Rs.141.76 Cr. from government BIRAC, EDII etc as seed grants. Employability through CIIC startups is > 420 (Males: > 400; Females: > 50). The cumulative sales turnover of startups is Rs. 41.91 Cr. The Patents supported through CIIC CIPR is 33 from University and 14 from CIIC Startups. Startups have devised 22 frugal solutions to fight against COVID-19 battle during the lockdown period.

CIIC has partnered with 10 international agencies such as Universities and other Incubators:





CIIC has partnered with 34 National Partnerships :



## CENTRE OF EXCELLENCES

1. Centre for Life Sciences
2. Centre for Innovation in Teaching & Learning
3. Centre for Intellectual Property Rights
4. Centre for Technology Transfer
5. Centre for Entrepreneurship Development

6. APJ Abdul Kalam Centre for Innovation
7. Centre for Smart Manufacturing
8. Centre for Business Coaching and Mentoring
9. Centre for Prevention and Control of Corrosion in Concrete Structures
10. Centre for Remote Sensing and GIS
11. Centre for Unnat Bharat Abhiyan
12. Centre for Research in Precision Agriculture and Rural Technologies.

## THRUST AREAS

*The Key Areas CIIC intensely focussed on*

### Life Sciences

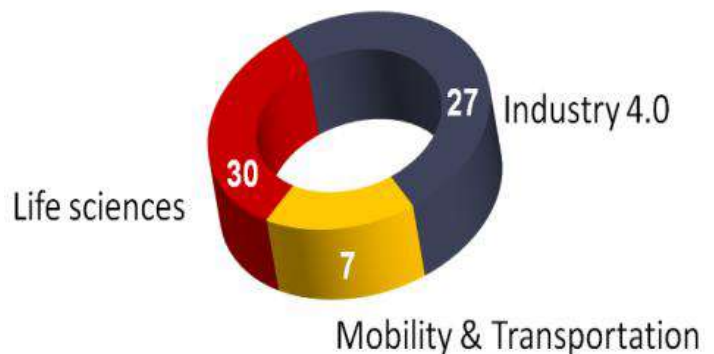
- ❖ Agri-Tech,
- ❖ Med -Tech,
- ❖ Healthcare,
- ❖ Nano-Tech,
- ❖ Food-Tech,
- ❖ CleanTech &
- ❖ Wash

### Industry Focus 4.0

- ❖ IoT/AI/ML ,
- ❖ Edu-Tech,
- ❖ Safety and Energy,
- ❖ AR/VR,
- ❖ Cyber Security,
- ❖ Smart Manufacturing.

### Mobility & Transportation

- ❖ Automobile
- ❖ Automation
- ❖ Drone
- ❖ Services



**NATIONAL INNOVATION START-UP POLICY:**

Ministry of Education has established ‘MoE’s Innovation Cell’ (MIC) <https://www.mic.gov.in/> with the mandate to work closely with our Higher Education Institutions (HEIs) to encourage the creative energy of our student population. MIC will focus on creating complete ecosystem which will foster the culture of Innovation across all educational institutions from ideas generation to pre-incubation, incubation and graduating from the incubator as successful startups. **The National Innovation and Start-up Policy launched in September 2019 by the Ministry of Education (MoE)** intends for HEI’s to promote students and faculty driven innovations and startups .

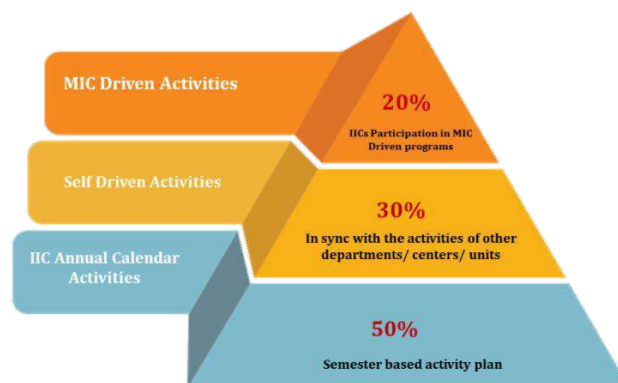
MIC will also work on **designing ranking system to identify institutions in the forefront of innovation.**

**CIIC’s efforts in implementation of MoE’s National Innovation and Start-up Policy’s (NISP) initiatives:**

**i. SMART INDIA HACKATHON:**

Around 14 teams from Crescent University participated in the “Smart India Hackathon” organised by the MoE, of which nine teams were selected to compete in the regional level and one team progressed to the National level.

**ii. INSTITUTION INNOVATION COUNCIL:**



## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

B.S Abdur Rahman Crescent Institute of Science and Technology secured the “**Band A**” Institution (6<sup>th</sup> -25<sup>th</sup> rank) in the category of “University & deemed to be University(Private/Self-financed) announced on 18<sup>th</sup> August 2020. The evaluation was based on parameters such as budget, facilities, awareness, entrepreneurship, commercialization, learning methods, governance.

## NISP COMMITTEE MEMBERS

S.No	Name	Designation/ Organisation	NISP Committee Role
1	Dr. A. Peer Mohamed	Vice Chancellor (i/c) –BSACIST	Chairman
2	Dr. A. Azad	Registrar –BSACIST	Vice Chairman
3	Dr. N. Raja Hussain	Deputy Registrar – BSACIST	Member
4	Mr. VNA. Jalal	Sr. General Manager – BSACIST	Member
5	Dr. R. Raja Prabhu	Director – Accreditation & Ranking – BSACIST	Member
6	Dr. M.S. Haji Sheik Mohammed	Dean – Academic Affairs – BSACIST	Member
7	Dr. I. Raja Mohamed	Dean – Research – BSACIST	Member
8	Dr. Nikat M Hamza	Director –HR – BSACIST	Member
9	Dr. U. Sabura Banu	IQAC Coordinator – BSACIST	Member
10	Mr. E .M. Shah Abdul Khader	Finance Officer- BSACIST	Member
11	Mr. Mohammed Mohideen	Alumni Startup– Co Founder, Wegot	Member
12	Mr. Dev Anand	Alumni Startup– Co Founder, Kankyo	Member
13	Mr. M. Adithya	Student Startup– Co Founder, Tradent	Member
14	Mr. Ragul Raghunath	Student Startup– Co Founder, Geeky Tech	Member
15	Dr. Shafaat Ahmed Salahudeen	Faculty Startup– Co Founder, Suzaris	Member
16	Dr. T. Harinarayana	Faculty Startup– Co Founder, Apps & Design	Member
17	Ms. Akhila Rajeshwar	Startup Ecosystem – Executive Director, TIE Chennai	Member

18	Mr. Balram Nair	Startup Ecosystem – Vice President, Chennai Angels	Member
19	Dr. B. Suresh	Industry – MD &CEO, Mahindra Consulting Engineers Ltd	Member
20	Dr. Shriram Raghavan	Industry – Vice President – Jananom Pvt Ltd	Member
21	Mr. C. N. Prem Kumar	Incubation Manager – CIIC	Member
22	Dr. Nisha Mukund	Technical Manager – CIIC	Member
23	Mr. M. Parvez Alam	CEO& Director – CIIC	Convenor

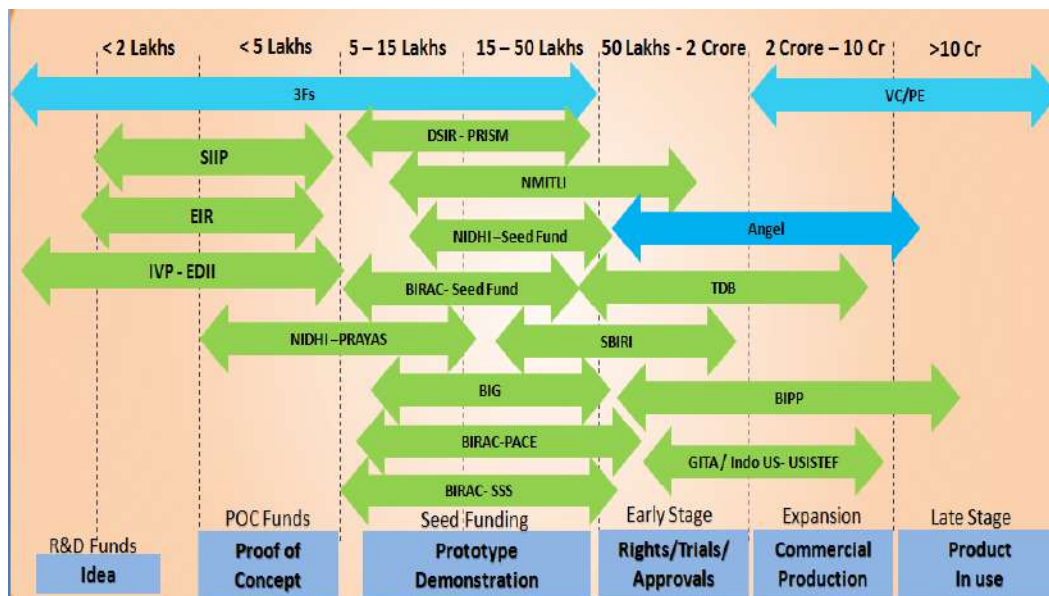
### Triple M's - Money, Mentors, Market:

A Startup incubator is set to reduce the early stage failure of a Startup and helps in sustaining the ideas of your Startup and make into a success story. The core stakeholder of an incubator is Startup and the objective is to nurture a Startup with profitable growth. But for a Startup founder the need can be different; it can be funding, mentoring, partnerships or market. Crescent Innovation and Incubation Council visions to fulfill all the above. CIIC offers the three 'M' support to the startups.

### MONEY

- ✓ Government Grants
- ✓ Private Investments

### VARIOUS GRANT SCHEMES AVAILABLE



## GRANTS RECEIVED BY CIIC STARTUPS THROUGH GOVERNMENT SCHEME

S No	Name	Start-up name	Grant	Thrust Area	Sanctioned Amount	Internal Mentor
1	Kannan Ganapathi	Agrit green house solutions	EDII-TN, IVP-B	Construction of structures for agriculture	Rs.5.00 lakhs	Dr. Tharini
2	Radha Krishnan	Rekindle Automations pvt ltd	EDII-TN, IVP-B	Medical device	Rs.5.00 lakhs	Mr. Rajendran
3	Nithya kalyani	Cell2cure therapies	EDII-TN, IVP-B	Service	Rs.5.00 lakhs	Dr.Easwaramoorthi
4	Ravi senji	Ravikas	EDII-TN, IVP-A	Other services	Rs.1.76 lakhs	Dr. Shanmugam
5	Kasi	OMG Labs	EDII-TN, IVP-A	Food-Tech	Rs.2.00 lakhs	Dr.Easwaramoorthi
6	Mohideen	Wegot utility solutions Pvt limited	EDII-TN, IVP-A	Service	Rs.2.00 lakhs	Dr. Tharini
7	Vijay Komagam	Kardle	EDII-TN, IVP-A	Bioprocess	Rs.2.00 lakhs	Mr. Sai Balaji
8	Radhakrishnan Jothiram	FALCON-D	EDII-TN, IVP-A	Warehouse and logistics management	Rs.2.00 lakhs	Dr. Tharini
9	Sushil Kumar	Shrimp Hoard	EDII-TN, IVP-A	Aquaculture	Rs.2.00 lakhs	Dr. Tharini
10	Senthil Kumar	Madiee	EDII-TNIGC	AI Game	Rs.5.00 lakhs	-

11	Ibrahim	Extreme fire	EDII-TNS	Safety	Rs. 1.50 lakhs	-
12	Sruthi Babu	Dhavanthri Medicals	BIG, BIRAC	Medical Device	Rs. 50 lakhs	-
13	Guruvignesh	Impensus	EDII-TN, IVP-B	Cold storage system	Rs.5.00 lakhs	Dr. Easwaramoorthi
14	Radhakrishnan	Krishna water	EDII-TN, IVP-B	Water heater	Rs.5.00 lakhs	Dr. Tharini
15	Nithya kalyani	Cell2cure therapies	BIG, BIRAC	Therapy	Rs. 50 Lakh	-

### MONEY RAISED FROM VARIOUS PRIVATE INVESTORS

	CIIC Start-ups	Private Investments Raised (in Rs. Cr)
1	Bigphi Technologies	17.89
2	We Got	14.00
3	Farmagain	07.61
4	Aindra Labs	1.0
5	Precise 3D/ Graft 3D	0.50
6	MyHarvest	0.15

### MENTORS

Most Startups known in the market, have vanished along with seed fund depletion. Though they received a good initial funding but still they were not able to withstand the market and reasons are plenty. But foremost ideas and startups die from lack of good mentoring. This weakness can be avoided by getting incubated in incubators. CIIC has garnered an experienced pool of mentors pertaining to their expertise to provide mentorship and enable greater growth to startups.

## Life Sciences



**Dr. Taslimarif Saiyed**  
 CEO & Director CCAMP



**Dr. Venil Sumantran**  
 Biotech Expert



**Ms. Meera Nair**  
 Strategy & Business Expert  
 Agri & Rural Business



**Dr. R. Murugesan**  
 Director - Research  
 Chettinad Academy



**Dr. S. Saravana Kumar**  
 General Manager  
 Dr. Mehta's Hospitals



**Dr. Shiram Raghavan**  
 Vice - President  
 Jananom Pvt Ltd



**Mr. Samrat Ghatak**  
 Assistant Vice President  
 Corporate Affairs  
 Cadilla Pharmaceuticals Limited



**Dr. Narasimhan Srinivasan**  
 Chairman  
 Asthagiri Herbal  
 Research Foundation



**Dr. Nisha Mukund**  
 Technical Manager  
 CIIC

## Industry 4.0



**Mr. P. Ravichandran**  
 President  
 Danifoss Industries Pvt Ltd



**Mr. Rangarajan Ganesan**  
 Advisor - CTap, IIT Madras



**Mr. N. Sekar**  
 President  
 Aerospace Industry Development  
 Association, TN



**Mr. Balasubramanian N**  
 Skilling - Consultant  
 Automotive Sector



**Mr. M. Parvez Alam**  
 Director & CEO, CIIC



**Mr. Ali Akbar**  
 Reg. Sr. Property Dev  
 Manager  
 Agility Real Estate



**Mr. K Allah Pitchai**  
 Technical Support  
 Qatar Operation At  
 Alterra Gulf



**Mr. Sujit Tharakan**  
 CEO @ Aiwei  
 Constructions P Ltd.,  
 Director At DIKW  
 Solutions And Consulting



**Mr. Mohamed Arshad.**  
 Managing Director  
 BHARAT BUILDERS &  
 SAMARS REALTY

## Business Mentors



**Dr. J. Sadakkadulla**  
 Former Regional Director -RBI



**Dr. Thilai Rajan**  
 Co-Founder  
 YNOS



**Dr. Kabaly P Subramaniam**  
 Professor & Business Advisor  
 Arab Open University, Oman



**Ms. Akila Rajeshwar**  
 Executive Director  
 TIE Chennai



**Mr. Premkumar CN**  
 Incubation Manager, CIIC



**Mr. Krishnamurthy Ravichandran**  
 Associate Professor  
 New York Institute of Technology



**Mr. Chetan Thakkar**  
 Technology Program Manager  
 Covance



## Investment Mentors



**Mr. Chandu Nair**  
Chennai Angels



**Mr. Reji Joseph**  
Chennai Angels



**Mr. Balram Nair**  
Vice - President  
The Chennai Angels



**Mr. Rajan Srikanth**  
Keiretsu Forum



**Ms. Sona Pradeep**  
Former Deputy Director  
Global Innovation Technology Alliance (GITA)



**Mr. Suresh Kumar**  
Q3C Consultancy

## MARKET



**Value added online marketing tools worth of Rs. 10 L access provided CIIC Startups:**

- ❖ Godaddy,
- ❖ AWS,
- ❖ Bigrock,
- ❖ ZohoOne,
- ❖ ZohoSalesIQ,
- ❖ ZohoCampaigns,
- ❖ ZohoDesk, Zendesk
- ❖ Freshdesk,
- ❖ Hubspot,
- ❖ Sendgrid,
- ❖ MSG91,
- ❖ Textlocal,
- ❖ Razorpay,
- ❖ Ilovedpdf
- ❖ Freshchat,
- ❖ Freshsales,

## MILESTONES AND ACHIEVEMENTS

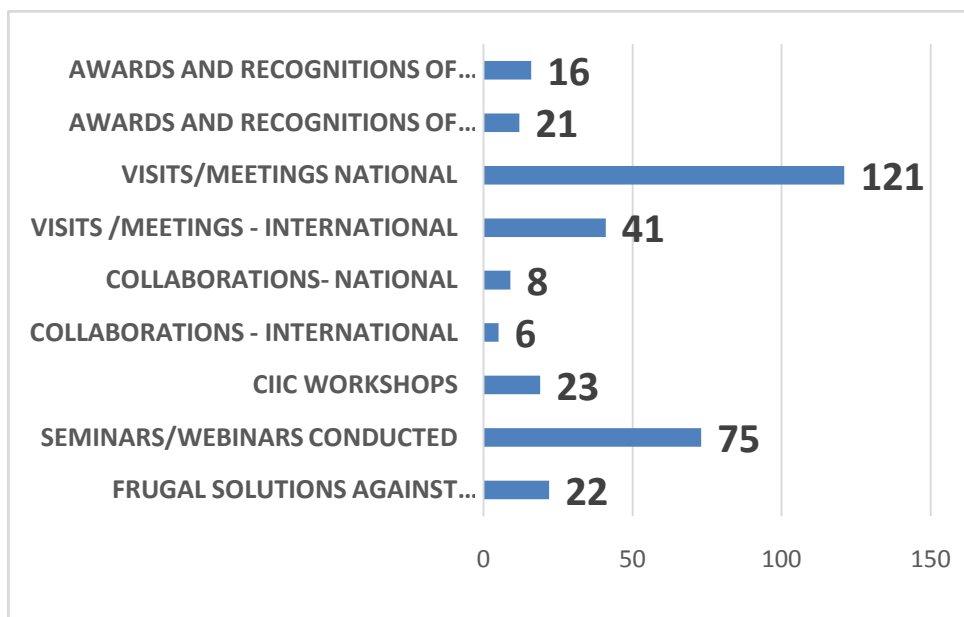
BIRAC sanctioned Phase I amount of Rs 180 Lakhs as Grant for 36 months.



- BIRAC sanctioned Phase I amount of Rs 180 Lakhs as Grant for 36 months.
- **First Tranche amount:** Rs. 1,13,80,000 (received)
- **Second Tranche amount:** Rs. 32,34,100 (approved)
- **Third Tranche amount:** Rs. 33,85,900
- Achieved 3 years target of supporting 15 Bio Tech Start-ups within 12 months and because of this achievement
- BIRAC has insisted CIIC to apply the **phase II proposal**

## PROGRAMMES CONDUCTED

CIIC has conducted several workshops, seminars and webinars



## STARTUP AWARDS



Farmagain & Wegot won the "Silicon Valley Trek Award" – Two Weeks Sponsored program to Silicon Valley



RaVikas : won the "Sandvik India Gender Awards"



Rekindle Automations: won the MMA Chinnikrishnan Innovation Award (RaVikas & Farmagain are also Shortlisted as Top 7 out of 109)



Agrit : won the SYPA Entrepreneur Award



Greenflora Biosciences Pvt Ltd : WINNER of PMI Chennai Chapter Sangamam Top Innovator Awards



Kankyo CleanTech : RUNNER of PMI Chennai Chapter Sangamam Top Innovator Awards



Impensus Electronics won a Most Scalable startup award on 9th February 2019 at Anna University, conducted by EDII - TamilNadu



Farmagain Agro Pvt Ltd has won the "IoTNext" awards 2019, as the Most Promising Startup in AGRITECH for their commendable contribution towards Intelligent Electronics in IoT Space on 6th December 2019



Farmagain Agro Pvt Ltd won a AFI Silicon Valley Challenge (SVC) Trek Award, two weeks sponsored visit to silicon valley on 9th November 2019.



Extreme Fire won a Most Innovative startup award on 9th February 2019 at Anna University, conducted by EDII-Tamil Nadu.

**CIIC AWARDS**



Recognised as a STEM Volunteer during the STEM Annual Summit in Hyderabad on 7th December 2019



SYPA Ecosystem Building Award 2019

Mr M Parvez Alam , CEO & Director (CIIC) presented Roadmap as a Head of Working Committee for "ISBA during ISBACON 2019.



PMICC Start-ups Awards Committee



**CIIC's effort- Institution's Innovation Council (IIC)**

## Co-Incubation Support



Thaseem Beevi Abdul Kader College, Kilakarai



Holy Cross College, Trichy



United Economic Forum (Consortium of 45 EI)

-  **Planning the Incubator**
-  **Developing Incubator's Strategy**
-  **Beginning Operations**
-  **Financial Assistance to Start-ups**

To Inspire and Support incubators for leveraging the robust innovation climate prevailing in the state of Tamil Nadu and beyond

## MoU Signed



Chettinad Hospitals – 30<sup>th</sup> May 2019



AMTZ (Andhra Med Tech Zone) 30<sup>th</sup> May 2019



GMCC- GLOBAL MUSLIM ENTREPRENEURS CHAMBER  
 19<sup>th</sup> October 2019



PMI - Project management Institution 12<sup>th</sup> February 2020



FICCI FLO – 20<sup>th</sup> February 2020

## International Collaborations



UAE



USA



CANADA



NETHERLANDS



WORLD INCUBATION SUMMIT  
QATAR



QATAR

**22 Technologies/Prototypes devised by startups incubated in CIIC against COVID-19 challenge**

## International Collaborations



Mizzou University, USA  
<https://missouri.edu/>



Descartes Incubator, France  
<https://www.incubateur-descartes.com/home-2/>



Technoport Incubator, Luxembourg  
<http://www.technoport.lu/online/www/function/homepage/ENG/index.html>



Rocheston, USA  
<https://www.rocheston.com/>



WSF Incubator, Netherlands  
<https://www.worldstartup.co/>



Idea Incubator, Cyprus  
<https://ideacy.net/>

As the basic mantra for all start-ups 'Adaptability is the key to survival' and for the societal betterment Start-ups of Crescent Innovation and Incubation Council, Chennai has come up with 22 different frugal solutions against COVID-19. Products like PPE, automatic robots, medical devices, sanitation walkways, geofencing & tracing are the few which were deployed immediately into the market.

S. No.	Company & Founder Details	Product Description
1	Company: New Propeller Technologies Founder: Aashik Rahman	<b>ZAFI</b> Multifunctionality robot with voice interactive system with 8kg of payload and 2hrs of running a time with unique mobile application control which we can use to reach the covid-19 isolated people for providing there essentials.
2	Company : Bigphi Technologies Founder : Rohith	<b>Antibacterials masks</b> Bigphi technologies have developed a version of protective face mask using Nanotechnology. They have developed a 3 ply surgical mask with antigerm properties.
3	Company :Graft 3D Founder Singamaharajan	<b>Face Shield</b> Act as barrier for infections between doctors and the affected patient. 180 or 240 micron OHP
4	Company: Altsense Technology	<b>Altsense Robot</b> To serve medicine and foods in the isolation wards, its better to avoid humans to serve to the patients who are in the isolation ward
5	Company :Ravikas Founder : Ravi Senji	<b>Ozonated water towels for hand wash</b> Ozonized water towels have ozonized suspension bound with water and binder. The ozone suspension also protects the moisten hand by its nano-film protection, therefore, having an extended effect.
6	Company: New Propeller Technologies	<b>ZAKE</b> A multi terrain Robot which can operate through Radio controller for 1500 meters with visual system to monitor the robot from ground station.
7	Company: Impensus Electronics Founder : Dinesh	<b>Ambient Air Sanitization</b> For large area sanitization, an ambient air purifier that recirculates the ambient air in the room and performs disinfectant activity through UV exposure and micro filters to eliminate the virus and other pathogens present.
8	Company: Simhabiotech Pvt Ltd Founder :	<b>Anupana</b> A prophylactic treatment with a variety of herbal extracts already shown to have antimicrobial



	Dr.LathaNarasimhan	activity. The chemical diversity explored includes proteins (as a binder), small peptides (antiviral resistant) tannins (immobilizer) and triterpenoids (as a saponin).
9	Company: Plastgen Solutions Founder :Jayashree	<b>HESPERIDINE –insilico</b> The Mpro is a key protein required for the proteolytic maturation of the virus. Targeting Mpro has the potential to provide effective treatment against SARS-CoV-2 by inhibition of the viral polypeptide cleavage.
10	Company: Aindra labs Founder: Hisham Abdullah	<b>Identify &amp; Geofencing</b> In order to accurately and remotely onboard, establish the absolute number and verify the healthcare workers, volunteers and employees involved in community services, emergency services on the field.
11	Company: Aindra labs Founder: Hisham Abdullah	<b>Contact Tracing Movement Tracking</b> Contact tracing is the process of identifying those with close contact with infected patients. The App created can instantly tell users if they crossed paths with someone known to have infected with the coronavirus. The app takes location data from the user's phone and compares it with the information in Health Ministry servers regarding the location histories of confirmed cases during the 14 days before their diagnosis
12	Company: Aindra labs Founder: Hisham Abdullah	<b>Thermal Imaging &amp; Crowd Analytics</b> AI-powered crowd analytics system identifies any unusual crowd movement, track group gatherings and also count people in real-time at public areas using existing surveillance and traffic cameras. With the use of surveillance cameras combined with thermal imaging, Aindra Labs can identify various metrics like high body temperature, personal hygiene maintenance and identify people violating pandemic regulations etc. in a contactless way without endangering the health of enforcement personnel
13	Company: Dhanvantri Biomedical Pvt Ltd Founder: Sruthi Babu	<b>ASHA</b> Smart monitoring device of isolated patients This device is a band which detects the medical parameters such as fever, heart rate and SpO2 of isolated patients. This device tracks the location of the person and also tracks the abnormalities and other emergencies regarding the vital parameters. Medical professionals will be updated through messages using the IoT technology.
14	Company: Onium Biosciences Pvt. Ltd. Founder: Dr. V. Saravanan	<b>anti-viral drug Remdesivir</b> A promising anti-viral drug Remdesivir Onium would contribute to the COVID-2019 crisis through

		process optimization of large scale synthesis of the intermediates of anti-viral drug Remdesivir. They have initiated a small scale synthesis of the intermediates and will optimize the large scale synthetic process (up to 10 kgs). There are no companies that produce Remdesivir in India due to patent restrictions. There is still a possibility to produce the intermediates that constitute the structure of Remdesivir on a large scale. The process could be optimized up to the n-2 stage of the final drug synthesis
15	Company: Agrit Solutions Pvt. Ltd. Founder : Kannan Ganapathi & Company : Ravikas Founder : Ravi Senji	<b>Walk in Sterilization chamber</b> The need of the hour is to stay sanitized. Here people pass through Automatic Sanitizing Bays for a complete sanitization in the public area. Can be installed at all entry points like Airport, Railways, Offices, Seminars Halls as well as big shopping complexes. The unit will broadly consist of walkthrough housing of @ 2.5 meters complete with electrical & plumbing works. Other components will be a water storage tank, water misting facility, sterilizer mixing tank and motion sensors & intelligent systems
16	Company: Rekindle Founder : Radhakrishnan	<b>Vein Finder</b> Rekindle Automations Private Limited introduces simple, highly cost effective safe non contact vein finders. Which can be used on both Adults and pediatrics? Injecting intravenous fluids and collecting blood samples by puncturing the vein is the important part for treating the COVID-19 patients. But finding vein isn't an easy task as it totally depends on the experience of the nurse or phlebotomist. And improper cannulation during intravenous therapy can cause various complications such as vein infiltration (bulging of injected area) this increasing the further complication for COVID patients.
17	Company: ImmuGenix Biosciences pvt. Ltd. Founder : Dr. Naveen kumar V.	<b>Molecular Tool kit for Diagnosis</b> There is an urgent need for rapid, user-friendly point-of-care diagnostics kit for COVID-19 diagnostics. ImmuGenix Biosciences has developed T-CLINCH, a novel tool to diagnosis COVID-19 using combination CRISPRdx and lateral flow assay. This kit will be very much useful to screen a large population in India for COVID-19, even in rural population
18	Company: Mirrar Founder : J Prakash	<b>Multilingual ChatBot for COVID-19</b> This solution also serves as a symptoms tracker and assist in preliminary first hand diagnosis. Collate information and share in a easily

		understandable way (FAQ's) and delivery in the native language (FAQ's).The solution works on a browser and any mobile with internet connectivity could be used. This solution could be use by independent hospitals as well to answer medical related question and avoid telephone call to effectively utilize their staff time during this COVID-19 crisis. Tamil COVID-19 Chatbot - <a href="https://bit.ly/3dmWcnk">https://bit.ly/3dmWcnk</a>
19	Company: Mirrar Founder : J Prakash	<b>Telemedicine &amp; Remote care and Robo Kiosks at hospitals</b> Provide remote diagnostics through video and audio through a mobile app. One or many doctors can join and provide expert advice, even from other parts of the world to treat patients in critical conditions.
20	Company: Mirrar Founder : J Prakash	<b>Daily symptoms tracker mobile apps</b> Symptoms tracking app will help to track the daily symptoms of an individual, record and report the data to the respective officials. Their data could be accessed by only the authorized government agencies and health care providers. At a high level, data visualization tool developed will help to visualize the patient's data in a much meaningful way and interpret it for effective precautionary steps. The patients could be grouped based on the treatment provided and evolve pattern out of it.
21	Company: KankyoCleantech India Pvt ltd Founder : BalajiGurusamy	<b>Eco Incinerator –</b> One of the serious problems we may find in the current scenario will be effective disposal of biomedical waste. Hydroxy gas also called as brown gas which is used as fuel for the process ensures the Eco friendly destruction of COVID 19 Biomedical waste. Totally enclosed operation is suitable for treating infectious waste to avoid secondary pollution. Can be used to decompose mixed waste as well.
22	Company: KankyoCleantech India Pvt ltd Founder : BalajiGurusamy	<b>Plasma Disinfection Unit:</b> Plasma disinfection unit is the most effective and advance surface disinfection unit which can destroy all harmful microbes. The unit is light weight and mobile which can be moved on the surface for disinfection. Vehicles like cars, ambulances, loading vehicles can also be disinfected instantly.

## TEAM

### BOARD OF DIRECTORS



**Mr. Khalid A. K. Buhari**  
 Director



**Mr. Arif A. Rahman Buhari**  
 Director



**Mr. Abdul Qadir A. Rahman Buhari**  
 Director



**Mr. Syed Mohammed Bukhari**  
 Director



**Dr. A Azad**  
 Director



**Mr. M. Parvez Alam**  
 Director & CEO

### BOARD OF ADVISORS



**Mr. Ahmed Buhari Rahman**  
 Advisor



**Mr. Ashraf Buhari Rahman**  
 Advisor



**Dr. Taslimarif Saiyed**  
 Advisor



**Mr. Chandu Nair**  
 Advisor



**Mr. Reji Joseph**  
 Advisor



**Mr. Rajan Srikanth**  
 Advisor

## EXECUTIVE TEAM



**C.N. Prem Kumar**  
Incubation Manager



**Dr. Nisha Mukund**  
Technical Manager



**M. Dinesh**  
Scientific Officer



**Yasmin**  
Accounts Officer



**M. Kavın Prabhu**  
Admin Executive



**D. Karthick**  
Admin Executive

# GALLERY



## FACILITIES



**E VEHICLE FREE SHUTTLE**



**ROBOTIC LAB**



**80 SEATER MEETING ROOM**



**LIFE SCIENCE LAB**



**CO-WORKING SPACE**



**3D PRINTER (500\*500\*500 MM)**



**INDEPENDENT BIO MODULE**



**MEDIA LAB**

Crescent Innovation and Incubation Council

## CENTRE FOR ENERGY, SPONSORED PROJECT, INTEGRATED RESEARCH AND CONSULTANCY

### Conferences / FDP / Seminars / Workshops Organized:

S.No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Webinar on “How to transform from traditional teaching mode to effective online teaching with available e-resources: Preparedness” The programme being associated with Dean (Research), Director (ESPAC) & Director	Seminar	07.07.2020	BSACIST & North Frontier Railway, Guwhati, Government of India.	Sri. A. Satish, IRSE, Dy. Chief Engineer/Designs, Guwhati, North Frontier Railway, Government of India.	1	43	2	-

	(HR & FTA) <a href="https://crescent.edu/cation/center-for-sponsored-research/events">https://crescent.edu/cation/center-for-sponsored-research/events</a> .								
2	Webinar on “Various Project Opportunities for DST Funding - Strategies on International Cooperation” The programme being associated with Dean (Research), Director (ESPAC) & Director (HR & FTA) <a href="https://crescent.edu/cation/center-for-sponsored-research/events">https://crescent.edu/cation/center-for-sponsored-research-</a>	Seminar	23.05.2020	BSACIST & DST	Sri. Sanjeev Kumar Varshney, Adviser & Head, International Division, Department of Science & Technology, Government of India.	110	8	17	-



	research/events								
3	Webinar on “Why and How to write Paper/proposal for Research, Projects, Patents and Consultancy”	Seminar	21.04.2020	BSACIST	Dr. T. Harinarayana, Director –ESPAC BSACIST	45	-	-	-
4	Special talk in CITL studio related to the “Research Methodology Introduction” <a href="https://crescent.edu/cation/center-for-sponsored-research/events/">https://crescent.edu/cation/center-for-sponsored-research/events/</a>	Seminar	11.03.2020	BSACIST	Dr. T. Harinarayana, Director –ESPAC BSACIST	-	-	-	-
5	BRIDGE 2020– Largest Industry- Institute Interaction Event of Asia Organized by: ICT	Conference	25.02.2020 - 27.02.2020	BSACIST & ITC Academy	The speakers represented a wide variation of sectors like CSIR-CEERI, CSIR- CSIO, TCS,	-	-	-	-

	Academy and B. S. Abdur Rahman Crescent Institute of Science & Technology Theme: Augmenting Skills, Accelerating Growth Venue: IITM Research Park, Chennai. <a href="https://crescent.edu/cation/wp-content/uploads/2020/03/B.S.A.R.-Crescent-ITC-Academic-Research-Summit-2020-Report.pdf">https://crescent.edu/cation/wp-content/uploads/2020/03/B.S.A.R.-Crescent-ITC-Academic-Research-Summit-2020-Report.pdf</a>				HCL and many others. Dr. T. Harinarayana, Director (ESPAC) and Dr. K. Ganesh, Director (Placement & Training), Industry Institute Partnership Cell have participated and made aware of the gathering with our institution's research based eco system.				
6	Workshop on "How to identify Research	Workshop	14.02.2020	BSACIST & INSA &	Prof. G. Parthasarathy,	39	12	-	-

	<p>Problems, Write HQ Research Papers and Proposals”          The programme being associated with Dean (Research)&amp;Director (ESPAC)  <a href="https://crescent.education.in/wp-content/uploads/2020/01/Workshop.pdf">https://crescent.education.in/wp-content/uploads/2020/01/Workshop.pdf</a></p>			<p>KANKYO          CLEAN          Tech</p>	<p>Professor &amp; Senior Scientist, FNA, IISC, Bangalore and          Ms. Uma Maheshwari, M/s. KankyoCleanTech India Pvt Ltd, Chennai</p>				
7	<p>Initiative Talk (Interaction with School of Infrastructure, Meeting with School of Electrical Sciences, Visit to Pilot units and CIIC &amp; Meeting at School</p>	<p>Initiative Talk</p>	<p>16.12.2019</p>	<p>BSACIST &amp; Jamia Millia Islamia University</p>	<p>Prof. Shakeel Ahmed, Chief Scientist at CSIR-National Geophysical Research Institute and Team Leader (India), Jamia Millia Islamia University New Delhi</p>	<p>50</p>	<p>-</p>	<p>-</p>	<p>-</p>

	<p>of Mechanical Sciences)          The programme being associated with Dean (Research) and Director (ESPAC)  <a href="https://crescent.education/wp-content/uploads/2019/12/Prof.-Shakeel-Ahmed.pdf">https://crescent.education/wp-content/uploads/2019/12/Prof.-Shakeel-Ahmed.pdf</a></p>								
8	<p>Special Guest Lecture on “Promotion of Research, Funded Projects, Patterns and Consultancy”          The programme being associated with Dean (SCIMS),</p>	Guest Lecture	24.10.2019	BSACIST	Prof. T. Harinarayana, Director – ESPAC BSACIST	40	-	-	-

	Dean (Research) and Director (ESPAC) <a href="https://crescent.education/wp-content/uploads/2019/11/BSAR-CSE-GUEST-LECTURE.pdf">https://crescent.education/wp-content/uploads/2019/11/BSAR-CSE-GUEST-LECTURE.pdf</a>								
9	Pilot plants site visit by the students of Sri Ramachandra Medical Institute, Chennai	Pilot plants Visit	19.10.2019	BSACIST& SRIHER	Prof. T. Harinarayana, Director – ESPAC BSACIST	-	-	-	25
10	Visit of UGC Expert Committee to Crescent <a href="https://crescent.education/wp-content/uploads/2019/10/UGC-report.pdf">https://crescent.education/wp-content/uploads/2019/10/UGC-report.pdf</a>	Campus Visit	19.09.2019	BSACIST& UGC	Prof. M.K. Durgaprasad, Prof. Ashok Thorat, and Prof. R. Rajaram Zirange,	15	-	-	-

11	<p>Visit of Japanese officers to Crescent  <a href="https://crescent.edu/cation/wp-content/uploads/2019/09/Visit-of-Japanese-officers-to-Crescent.pdf">https://crescent.edu/cation/wp-content/uploads/2019/09/Visit-of-Japanese-officers-to-Crescent.pdf</a>.</p>	Campus Visit	18.09.2019	BSACIST& Yanaco Corporation , Japan	<p>M/s. Yanaco Corporation, Japan          Mr. YorkioYanagimoto, Ms. ShodaiYanagimoto, Mr. Yathi Rajesh, K along with Mr. Nandagopal of Kankyo CleanTech</p>	-	-	-	-
12	<p>Visit of Prof. Parthasarathy, Senior Scientist, INSA (ECE, Physics, Chemistry and Life Sciences)  <a href="https://crescent.edu/cation/wp-content/uploads/2019/09/Parthasarathy-report">https://crescent.edu/cation/wp-content/uploads/2019/09/Parthasarathy-report</a>.</p>	Initiative Talk	13.09.2019	BSACIST& INSA	<p>Prof. Parthasarathy, Senior Scientist, INSA &amp;Adjunct  <u>Prof. @Crescent</u></p>	40	-	-	-

13	<p>Visit of Prof. K. Ramarathnam, Chairman, BASIL Energetic Pvt Ltd (MECH, CA, CSE, ECE &amp; Chemistry) <a href="https://crescent.education/wp-content/uploads/2019/09/Ramarathnam-Report.pdf">https://crescent.education/wp-content/uploads/2019/09/Ramarathnam-Report.pdf</a></p>	Initiative Talk	06.09.2019	BSACIST& BASIL Energetic Pvt Ltd	Prof. K. Ramarathnam, Chairman, BASIL Energetic Pvt Ltd	40	-	-	-
14	<p>Visit of Dr. JVSSN. Murthy, Ex. GM, OMGC Ltd to Crescent (IT, CSE, CA &amp; Aerospace Engg.) <a href="https://crescent.education/wp-content/uploads/2019/09/JVSSN-Murthy-Report-1.pdf">https://crescent.education/wp-content/uploads/2019/09/JVSSN-Murthy-Report-1.pdf</a></p>	Initiative Talk	06.09.2019	BSACIST& OMGC Ltd	Dr. JVSSN. Murthy, Ex. GM, OMGC Ltd	50	-	-	-
15	Invited talk "Smart Energy System for	Seminar		BSACIST& NIWE	Dr. K. Balaraman, Director General,		-	-	-

	Renewable Energy” The programme being associated with Dean (Research) and Director (ESPAC) <a href="https://crescent.education/wp-content/uploads/2019/09/Dr.K.Balaraman-Report.pdf">https://crescent.education/wp-content/uploads/2019/09/Dr.K.Balaraman-Report.pdf</a> .		30.07.2019		NIWE, Government of India	70			
16	Visit of Officers from Swachh Bharat mission and others to Crescent <a href="https://crescent.education/wp-content/uploads/2020/02/Report.pdf">https://crescent.education/wp-content/uploads/2020/02/Report.pdf</a>	Campus Visit	19.07.2019	BSACIST & Swachh Bharat Mission, MHRD	Mr. Kiran Kulkarni, Swachh Bharat Mission Advisor, Prof. Mohan, NACOF	1	-	5	-



## Sponsored Research (Ongoing)

### Govt - Sanctioned /Ongoing (July 2019-June 2020)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details		Status
				Sanctioned	Available in the beginning of FY	
1	Dr. Vasanthi Padmanabhan & Dr. V.S.Priya	All India Council of Technical Education (AICTE)	Disaster Mitigation : A shift from disaster management towards disaster preparedness - Short Term Training Program (STTP)	3.00	3.00	Ongoing
2	Dr. S. Revathi & Dr. V. Muthupriya.	All India Council of Technical Education (AICTE)	Internet of Things (Everything) - Future Short Term Training Program (STTP)	2.00	2.00	Ongoing
3	Dr. J.Revathy & Dr.P.Gajalakshmi	All India Council of Technical Education (AICTE)	Seismic Performance of Light - Research Promotion Scheme	2.00	1.97	Ongoing

4	Dr. Prakash Natarajan, Dr.L.Shakkeera & Dr R. Priyadarshini	All India Council of Technical Education (AICTE)	Skill and Personality Development Program Centre for SC/ST students (SPDC)	14.68	7.34	Ongoing
5	Dr. S. Panboli	All India Council of Technical Education (AICTE)	Data Driven Techniques for Business Analytics using R Programming, Python and Tableau - Short Term Training Programme [STTP)	2.00	2.00	Ongoing
6	Dr. N. Vasimalai & Ms. M. Sandhiya Malathi Ms.K. Joyce	Tamil Nadu State Council for Science and Technology (TNSCST)	Bimetallic nanoparticles coated hybrid materials for effective photocatalytic degradation of hazardous dyes in effluent water	0.075	0.075	Ongoing
7	Dr. R. Revathi & Mr.M. AbdulRahman	Tamil Nadu State Council for Science and Technology (TNSCST)	Influence of Bacterial Species on the Durability Performance of Green Concrete for Sustainable Built Environment	0.075	0.075	Ongoing
8	Dr. P. Gajalakshmi &	Tamil Nadu State	Application of Bio medical	0.075	0.075	Ongoing

	Mr.K.N. Krishnaprasad	Council for Science and Technology (TNSCST)	waste for the development of sustainable concrete			
9	Dr. Vasanthi Padmanabhan	All India Council of Technical Education (AICTE)	Modernization and upgradation of Structural Engineering Laboratory – Establishment of Non-Destructive Testing Facility for Concrete (MODROB)	10.00	8.00	Ongoing
10	Dr. Mohamed.K	All India Council of Technical Education (AICTE)	Copper smelters and its impact on the health of downstream people, the economic livelihood of its employees, and waste management system- the case of Sterlite Copper in Tuticorin, Tamil Nadu	4.38	3.95	Ongoing
11	Ms.Sivashanmuga Valli	Science and Engineering Research Board (SERB-TARE)	Design of Antennas for 5G Applications	18.30	2.75	Ongoing

12	Mr. M. Parvez Alam & Dr. Nithya Kalyani	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	Islets Cells Transplantation-Human Pancreatic Islet Transplantation to cure Diabetes in India	5.00	2.15	Ongoing
13	Dr. R. Karunanithi	Science and Engineering Research Board (SERB-TARE)	“Synthesis and Characterization of ZrO <sub>2</sub> Dispersed Ti, Ti-6Al-4V, Ti- 6Al-5V, Ti-6Al-7Nb composite”	18.30	2.75	Ongoing
14	Dr. K. Karthikeyan	Tamil Nadu State Council for Science and Technology (TNSCST)	Triazole based New Functional Chromophores for optoelectronics and Biological Application	3.20	1.60	Ongoing
15	Dr. Mohd. Amir & Dr. Afzalur Rahman	Tamil Nadu State Council for Science and Technology (TNSCST)	An empirical Investigation of Minimum support price on Agriculture Commodities	1.80	1.80	Ongoing
16	Dr.T.Harinarayana	CSIR-Central Leather Research	Supply, Erection, Installation,	35.00	21.70*	Ongoing

		Institute funded by Department of Science and Technology (CSIR-DST)	Commissioning, Operation and Maintenance of Co-Digestion plant for Organic Fraction of Leftover Food waste, Vegetable peels and Fruit peels for Biogas generation from Hotel industry on Turnkey basis – Biogas Plant			
17	Dr. S. Hemalatha & Mrs. Ranjani	Department of Science and Technology (DST) -(WOBS)	Formulating antibiotic resistance breakers to control multidrug resistant pathogenic bacteria	30.34	10.00	Ongoing
18	Mr. M. Parvez Alam & Mr. Mohideen	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	End to End Water Management Solution- Wisdom water management system for Agriculture Sector	2.00	1.00	Ongoing
19	Dr. E.Syed Mohamed	Science and Engineering	Cellular Automata Models for Propagation of Tsunami	12.48	5.28	Ongoing

		Research Board (SERB)	Waves			
20	Mr. M. Parvez Alam & Mr.Kannan Ganapathi	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	Automation of Climate Control inside a naturally ventilated polyhouse (GREEN HOUSE)	10.00	5.00	Ongoing
21	Mr. M. Parvez Alam & Mr. Ravi Senji	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	Health and Sanitation on Wheels	2.15	2.00	Ongoing
22	Mr. M. Parvez Alam & Mr. Radhakrisnan Jothiram	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	A smart intravenous dripper system for centralized monitoring and automatic control of intravenous fluid.	10.00	5.00	Ongoing
23	Dr. R. Amiruddin	BSACIST	Fabrication of new	0.45	0.45	Ongoing

		Crescent Seed Money Scheme	generation CuZnSnS based solar cells: Role of metallic nanoparticles in enhancement of efficiency of device			
24	Dr. Noor Aman Ahrar Mundari	BSACIST Crescent Seed Money Scheme	Biomass derived Magnetic Nanomaterials for Environmental Applications	0.40	0.25	Ongoing
25	Dr. Rafik Rajjak Shaikh	BSACIST Crescent Seed Money Scheme	Sustainable Catalytic Approaches for CO <sub>2</sub> Fixation	0.25	0.25	Ongoing
26	Dr. N. Vasimalai	BSACIST Crescent Seed Money Scheme	Direct transformation of food waste into highly fluorescent carbon nanomaterials: Application for the effective photocatalytic detection of toxic dyes in industrial wastewater	0.25	0.25	Ongoing
27	Mr. Harishankar / Dr. Revathi	BSACIST Crescent Seed	Soot based Carbon nanoparticles/Polyimide	0.20	0.20	Ongoing

	Purushothaman	Money Scheme	nanocomposites for Flexible Printed Circuits in Aerospace applications			
28	Dr. Shazia Jamal	BSACIST Crescent Seed Money Scheme	Biophysical analysis of caveolin-1 variant found in various cancers	0.40	0.40	Ongoing
29	Dr. Mubarakali	BSACIST Crescent Seed Money Scheme	Production of Micro Algal Liquids for Selective Promotion of Commercial Value Plants Growth for Immediate Commercialization	0.40	0.40	Ongoing
30	Mr. Mashihur Rahman / Dr. MD Khurshid Alam Khan	BSACIST Crescent Seed Money Scheme	Broad spectrum inhibition of microbial virulence factors and biofilm by two selected Essential Oils	0.20	0.20	Ongoing
31	Mr. Shariq Ahmed. M / Dr. S. Hemalatha	BSACIST Crescent Seed Money Scheme	Extremophilic marine endophytic bacterial assisted synthesis of nanoparticles to control	0.20	0.20	Ongoing



			lung cancer			
32	Mr. Logesh. R / Dr. Neesar Ahmed	BSACIST Crescent Seed Money Scheme	Cloning and characterization of mycobacterial membrane protein Rv1085c in PET28 + bacterial vector	0.20	0.15	Ongoing
33	Dr. Thirumurugan. M	BSACIST Crescent Seed Money Scheme	Development of Magnesium Based Solid Propellant for Ramjet Engines	0.50	0.40	Ongoing
34	Dr. S. Shamsath Begum	BSACIST Crescent Seed Money Scheme	Production and Characterization of oil from plastic waste for Commodity Applications	0.05	0.05	Ongoing
35	Mr.Mohamed Riyaz. N.A /Dr. J. Revathy	BSACIST Crescent Seed Money Scheme	Strength Properties and Correlation Analysis of Natural Fibre Reinforced Quaternary Lightweight Concrete Composites	0.20	0.20	Ongoing
36	Dr. J. Revathy	BSACIST Crescent Seed	Impact of Microbial Species on the Durability	0.20	0.20	Ongoing

		Money Scheme	performance of Green Concrete for Sustainable Built Environment			
37	Dr. S.M. Shaheedha	BSACIST Crescent Seed Money Scheme	Green Synthesis and Pharmacological Evaluation of Nanoparticles impregnated with Manilkara zapota Seeds	0.20	0.20	Ongoing
38	Dr. S. Hameed Kadar Ali	BSACIST Crescent Seed Money Scheme	Rayon/Cotton based blood grouping strip	0.50	0.50	Ongoing
39	Mr. Muthu Krishnan.R/ Dr. G. Kannan	BSACIST Crescent Seed Money Scheme	Design and Development of Wearable Antennas based on Substrate Integrated Waveguide for Body Centric Wireless Communication	0.20	0.20	Ongoing
40	Dr. Haja Nazeer Ahamed	BSACIST Crescent Seed Money Scheme	Neurotoxicity Screening of Pesticides in Vegetable and Fruits using Brine Shrimps Membrane	0.50	0.20	Ongoing

			Acetylcholinesterase (AChE) – Exploring an alternative animal model for Neurotoxicity.			
41	Mr. S. Dinesh/ Ms.Sri Nithya	BSACIST Crescent Seed Money Scheme	Study of Physical and thermal stabilities of Beeswax–EVA based fuel.	0.20	0.20	Ongoing
42	Mr. Naveen Raj / Behera Mrs.R.Daulath Banu	BSACIST Crescent Seed Money Scheme	Flame Retardant Unsaturated Polyester Nanocomposites for Electrical Applications	0.20	0.20	Ongoing
TOTAL				192.56	94.62	

Non. Govt - Sanctioned /Ongoing (July 2019-June 2020)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1.	Dr. Sharmila & Dr. W. Aisha	UNWIND Learning Lab	Deep Learning Algorithm for Block	7.00	1.40	-	-	Ongoing

	Banu		Chain Verification System					
2.	Dr.C.Tharini	M/s. Jasmin Infotech	Training program on "Automotive Embedded System"	40.00	40.00*	-	-	Ongoing
3.	Mr. T. Velmurugan	Prof. S. Peer Mohamed Endowment Fund	Prof. S. Peer Mohamed Endowment Fund	1.27**	1.27**	-	-	Ongoing
4.	Mr. Hamanulla N	Dr. Raja Sir Muthiah of Chettinadu	Dr. Raja Sir Muthiah Chettiar of Chettinad Endowment <i>Fund</i>	0.30**	0.30**	-	-	Ongoing
TOTAL				48.57	42.97	-	-	

\*\* As per audit statement 2018-19 of Assessment year 2019-20

\*Market value of equipment / training received.

## Sponsored Research (Applied)

Applied (July 2019-June 2020)

S.No	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Requested	Date of Date of Submission	Status
				Project Cost		
1	Dr. T. Harinaryana, Mr. Rajendran/CSE and Dr. N. Priyadharshin/IT	TNSCST	Smart watch for monitoring COVID-19 patients	4.55	17.06.2020	Applied
2	Dr. S. Kutti Rani, /Physics Dr. D.Easwaramoorthy, Dr. M.Basheer Ahamed, Dr. M.Asha Jhonsi, Dr. M.Mohamed Sheik Sirajuddeen, Dr. R.Amiruddin	DST	DST - FIST (Level -I)	222.5	29.05.2020	Applied
3	Dr. S. Rasool Mohideen & Faculties of Mechanical Engg	DST	DST - FIST (Level -I)	187.00	28.05.2020	Applied
4	Dr. C. Tharini/ECE & Dr. S. Kaja Mohideen/ECE	SATYAM Special Call ,	Holistic App to provide 30 day Yoga and Meditation therapy	15.00	30.04.2020	Applied

		DST	to improve Immunity & reduce Stress in Older Adults			
5	Dr. C. Tharini /ECE& Dr. Purushothaman , Dy. Director, Physical Education Dept., BSACIST	SATYAM , DST	IoT based Therapeutic Yoga treatment to control and monitor the health of quarantined COVID-19 affected patients.	45.00	30.04.2021	Applied
6	Dr. Afzalur Rahman/Commerce	ICSSR	An Empirical study of facts and opinion of different section of the public related to Covid19 in Tamilnadu.	6.00	17.05.2020	Applied
7	B.Sivashanmugavalli/ECE	Facebook RFP	Economic Impacts of Digital Technologies in MSME Sectors in India RPF TITLE - The Economic Impact of Digital Technologies	43.30	19.05.2020	Applied
8	Dr. V. Agalya/ESPAC	DST (SATYAM)	To Identify the Employees (Labour) Occupational Stress and Hazards in Leather Manufacturing Industries and Impart Yoga and Meditation to	10.20	30.04.2020	Applied

			economically weaker section of the society, Chennai City.			
9	Dr. Haja Nazeer Ahamed /Pharma	SERB	Computational Drug Design and Repurposing of Drugs from Effective Core Skeleton of Drug Database for COVID-19	23.5	30.04.2020	Applied
10	Dr. T. Harinaryana / Mr. Rajendran/CSE	BIRAC	Development of Mobile APP to track the persons, goods, transportation or any other means	9.00	30.03.2020	Applied
11	Dr. M. Thirumurugan (Pi) & Dr. Shafaat Ahmed Salahudeen (Co-Pi)	TNSCST	Analysis Of Bio Polymer Coated On Banana And Colocasia Leaves For Packaging Applications	8.00	25.02.2020	Applied
12	Dr. M. A. Saibalaji (Pi) & Dr. S. Rasool Mohideen, Mr.A. Eakambaram (Co-Pi)	TNSCST	Auger Mechanism For Scavanging Underground Drainage Under Clean India Perspective	3.70	25.02.2020	Applied
13	Dr. H. Siddhi Jailani/Mech	AICTE	AICTE, GOC- Grant for Organizing Conference	3.75	05.01.2020	Applied

			(Emerging Trends in Design, Manufacturing, Materials and Thermal Science (ETDMMT-2020))			
14	Dr. Natarajan Prakash/IT	AICTE	AICTE, SPDP-Skill and Personality Development Programme Centre for SC/ST Students	15.00	05.01.2020	Applied
15	Dr. Hamza Nikhat/HR	AICTE	AICTE STTP – Short Term Training Program Be the change- Teaching-Learning Process	3.50	05.01.2020	Applied
16	Dr. G. Kavitha/IT	AICTE	AICTE STTP – Short Term Training Program Application of Transforms in Signal Processing and Wireless Communication	3.00	05.01.2020	Applied
17	Dr. S. Kaja Mohideen/ECE	AICTE	AICTE / STTP	4.00	05.01.2020	Applied



18	Dr. Waha Aisha Banu /CSE	AICTE	AICTE / STTP	5.00	05.01.2020	Applied
19	Dr.Yasmeen Haider/ Management Studies	AICTE	AICTE FDP – Faculty Development Program OBE for Higher Education Institutions	6.00*	05.01.2020	Applied
20	Dr. S Revathi/CSE	AICTE	AICTE FDP – Faculty Development Program	3.00	05.01.2020	Applied
21	Dr. C.Tharini/ECE	AICTE	AICTE MODROB - Aspiring Institutions Modernization of RF and Microwave Lab for signal quality Measurements in Sub 3GHz.	20.00	05.01.2020	Applied
22	Dr. Pandulu Gajalakshmi/Civil	AICTE	AICTE RPS – Research Promotion Scheme	3.00	05.01.2020	Applied

23	Dr. Karthikeyan Ramalingam/SLS	SERB-STAR scheme	Dual nanomaterials (emulsions/particles) topical ointment for the treatment of clinically significant multi-drug resistant Klebsiella pneumoniae pathogens	35.40	20.12.2019	Applied
24	Dr. N.Prakash /IT& Dr. L.Shakkeera	DST -Special Call for proposal for SC and ST under Interdisciplinary Cyber Physical System Division	Training programmes for in house short term training/FDP programmes for faculty/UG/PG/ Doctoral Students of two weeks duration	5.50	05.12.2019	Applied
25	Dr. Mohamed Shuaib Y/EEE	DST/MST R&D	Implementation of Single stage grid connected micro Inverter and management of power flow in nano/micro grids	18.10	11.10.2019	Applied
26	Dr. H. Sofia / English	ICSSR	First National Conference on	2.70	03.10.2019	Applied

		(IMPRESS)	“Language, Literature and Culture”			
27	Dr. T. Harinarayana Director -ESPAC	SERB	Application for National Science Chair Under Mode – 2	24.00	27.09.2019	Applied
28	Dr. Shafaat Ahmed Salahudeen/ Aerospace	NIWE	To Develop a novel bionic based aerodynamic blade for the wind turbine	19.96	26.09.2019	Applied
29	Dr. A. Jaya /HOD/CSE&IT	DST (SEED)	Enriching the life of Narikuravas Scheduled Tribes through Technology intervention (Scheme - STI Hub for ST community)	113.00	19.09.2019	Applied
30	Dr. T. Harinarayana/Civil	TN Govt. Land Administration Dept	Empanelment of SIA Agencies – Social Impact Assessment – Creation of Data Base	50.00**	03.09.19	Applied
31	Dr. T. Harinarayana/Civil	DST/WTI	Demonstration on the use of natural currents to detect groundwater in hard rock areas	20.22	June 2019	Applied

32	Dr. Priya V.S./ Civil	DST/TMD	Effluent treatment of corrugated box industry by novel electrolytic degradation scheme of processes	48.66	June 2019	Applied
TOTAL				936.54		

\*\* Estimated Amount

\* Approximate Amount

#### Industry / Institute Collaboration:

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1	Melbourne university, Australia	Partnership/Training /Collaborative activities with BSACIST	21 days (28th Sep -12th October 2019)	Completed		Lab Visit @Melbourne university, Australia
2	Korea Aerospace University, Republic of Korea	Partnership/Training /Collaborative activities with BSACIST	3 Months (16 <sup>th</sup> May 2019 - 15 <sup>th</sup> August 2019)	Completed		Visiting Professor
3	Universitas Atma Jaya Yogyakarta, Indonesia	Partnership/Training /Collaborative	30 September 2019	Completed		Studium Generale – Speaker

		activities with BSACIST			
4	National Natural Science Foundation of China (Grant No. 61370073)	Partnership/Training /Collaborative activities with BSACIST	01.08.2019- 31.07.2020	Completed	Scientific Research Award
5	National High Technology Research and Development Program of China (Grant No.2007AA01Z423)	Partnership/Training /Collaborative activities with BSACIST	01.01.2020- 31.12.2020	Completed	Scientific Research Award
6	DST SERB TARE	Partnership/Training /Collaborative activities with BSACIST	3 Years	Ongoing	Research
7	University Technology, MARA Malaysia	Partnership/Training /Collaborative activities with BSACIST	2 <sup>nd</sup> Dec 2019 - 1 <sup>st</sup> Feb2020	Completed	FICCI & ASEAN - Indian Research And Training Fellowship (AIRTF)

8	RUSA 2.0	Partnership/Training /Collaborative activities with BSACIST	25 <sup>th</sup> August 2019 - 24 <sup>th</sup> July 2020	Completed	Post doctoral fellowship
9	The United States- India Educational Foundation (USIEF)	Partnership/Training /Collaborative activities with BSACIST	13 <sup>th</sup> July 2019 – 3 <sup>rd</sup> August 2019	Completed	Fullbright Doctoral Fellowship programme
10	Purdue University, USA	Partnership/Training /Collaborative activities with BSACIST	7 <sup>th</sup> Jan 2019 – 6 <sup>th</sup> Jan 2020	Completed	Visiting Scholar
11	Purdue University, USA	Partnership/Training /Collaborative activities with BSACIST	7 <sup>th</sup> Jan 2019 – 6 <sup>th</sup> Jan 2020	Completed	Visiting Professor
12	GIMEGA University of Laserena	Partnership/Training /Collaborative activities with BSACIST	April 2019 – April 2022	Ongoing	FONDECYT Researcher
13	IE India	Partnership/Training	19 Sep 2019	Completed	Tisla Ambition And

		/Collaborative activities with BSACIST			Achievement Award (Institution Of Engineers India)
14	SAE India	Partnership/Training /Collaborative activities with BSACIST	19 Aug 2019	Completed	Champion Tractor Design Competition
15	SAE India	Partnership/Training /Collaborative activities with BSACIST	19 Aug 2019	Completed	Contribution Towards SAEISS For Tractor Design Competition 2019
16	SAE India	Partnership/Training /Collaborative activities with BSACIST	19 Aug 2019	Completed	Contribution Towards SAEISS For Tractor Design Competition 2019
17	University of Electronic Science and Technology (UNESTC), China	Partnership/Training /Collaborative activities with BSACIST	1 <sup>st</sup> Jan 2019 – 1 <sup>st</sup> Sep 2020	Ongoing	Visiting Faculty
18	Govt. of China	Partnership/Training /Collaborative	2018-19	Completed	Scholarship for International students

		activities with BSACIST			
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**MoUs Signed:**

S.No	Name of the firm/Institute	Type of Collaboration	Details of MoU			Outcome Expected	Current status
			Day	Month	Year		
1	M/s. OHM Energy Management Sys Pvt. Ltd.	Partnership/Training /Collaborative activities with BSACIST students and faculty members	16	03	2020	1. Provide guidance and training for Graduate/Diploma Engineering Trainees of OHM Energy, 2. Provide reverse training of faculty members at plant in the areas of MV/LV switchgear panels, control & relay panels and distribution boards, 3. OHM Energy will assist BSACIST in building program curriculum of Department of	MOU in active



						<p>Electrical and Electronics Engineering.</p> <p>4. Sharing knowledge resources in terms of affiliate faculty from OHM Energy,</p> <p>5. Provide consultancy,</p> <p>6. Offer inplant training and industrial projects for the students of BSACIST.</p> <p>7. Offer training at BSACIST &amp; amp for OHM Energy employees, and</p> <p>8. Placement for Students.</p>	
2	Google Education	Partnership/Training /Collaborative activities with BSACIST students and faculty members	-	-	-	A Workshop on Google Apps for Top Executives, HOD's, admins, Teaching Faculties and for other staff of our university was conducted.	MOU in active
3	Oracle Pvt. Ltd	Partnership/Training /Collaborative	-	-	-	Oracle certified Associate training provided to our students	MOU in active

		activities with BSACIST students and faculty members					
4	IBM	Partnership/Training /Collaborative activities with BSACIST students and faculty members	-	-	-	Storage Area Network (SAN) Training was provided for students to prepare themselves for a great career in SAN storage and storage domain.	MOU in active
5	Ameex Technologies	Partnership/Training /Collaborative activities with BSACIST students and faculty members	-	-	-	Project Internship and Placements was provided for final year students.	MOU in active
6	Hibrise Technologies	Partnership/Training /Collaborative activities with BSACIST students and faculty	-	-	-	Project Internship and Placements was provided for final year students. During Internship, students were encouraged to design and	MOU in active

		members				develop new products, mobile apps and games.	
7	Sparx Systems	Partnership/Training /Collaborative activities with BSACIST students and faculty members	-	-	-	Training was provided for the students and faculty of this university on the use of the Enterprise Architect software.	MOU in active
8	Chettinad Academy of Research (CARE), Chennai	Partnership/Training /Collaborative activities with BSACIST students and faculty members	--	June	2019	Collaborative research	MOU in active

### Important Visitors

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Prof. G. Parthasarathy, and Ms. Uma Mageshwari	Professor & Senior Scientist, INSA and M/s. Kankyo CleanTech India Pvt	Workshop on -How to identify Research Problem; Write high quality Research Papers and Proposals.	To promote sponsored projects, research, consultancy and training.

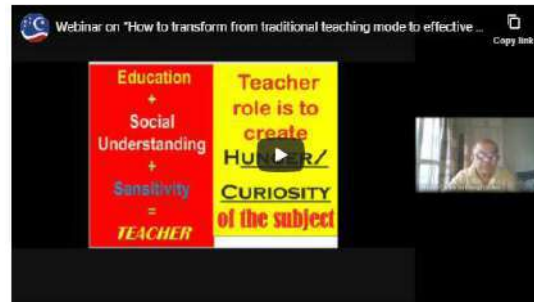
		Ltd, Chennai		
2	Mr. Yorkio Yanagimoto & Ms. Shodai Yanagimoto	M/s. Yanaco's Group Yanaco's convinced Technology, Japan	Expert visit for developing joint projects between M/s. Yanaco's Group and BSACIST	To promote sponsored projects, research, consultancy and training.
3	Prof. Shakeel Ahmed	Jamia Millia Islamia University, New Delhi	Invited Talk - Visit and Interacted with BSACIST- ECE, Physics, Chemistry and Life Science departments to promote sponsored projects and provide assistance on improving the quality of the projects	To promote sponsored projects, research, consultancy and training.
4	Dr. R. Ramarathnam	Chairman, Basil Energetic Private Ltd, Chennai	Invited Talk - Visit and Interacted with Senior Manager-BSACIST, MECH, ECE and CSE departments to promote sponsored projects and provide assistance on improving the quality of the projects	To promote sponsored projects, research, consultancy and training.

5	Dr. JVSSN. Murthy, Ex. GM,	OMGC Ltd., Chennai	Invited Talk - Visit and Interacted with AERO, CSE, IT and CA departments to promote sponsored projects and provide assistance on improving the quality of the projects	To promote sponsored projects, research, consultancy and training.
6	Dr. K. Balaraman	Director General, NIWE, Government of India, Chennai, Tamil Nadu	Seminar / Invited talk - Smart Energy System for Renewable Energy – All department faculty members of BSACIST attended the programme.	Faculty members got insight into the topic Smart Energy System for Renewable Energy

EventPhotographs:

1. Webinar on “How to transform from traditional teaching mode to effective online teaching with available e-resources: Preparedness”

Webinar by Sri. A.Satish, IRSE, Dy. Chief Engineer/Designs, Guwahati, North Frontier Railway, Government of India.  
 Event: Webinar on "How to transform from traditional teaching mode to effective online teaching with available e-resources: Preparedness"  
 Date: 07.07.2020 (Tuesday)  
 Objective : To promote online teaching, sponsored projects, research, consultancy and training.



Webinar on "How to transform from traditional teaching mode to effective online teaching with available e-resources: Preparedness"

2. Webinar on “Various Project Opportunities for DST Funding - Strategies on International Cooperation”

Webinar by Sri. Sanjeev Kumar Varshney, Adviser & Head, International Division, Department of Science & Technology, GOI  
 Event: Webinar on "Various project opportunities for DST funding – Strategies on International cooperation"  
 Date: 23.06.2020 (Saturday)  
 Objective: To promote international sponsored projects, research, patent, consultancy and training.



Webinar on "Various project opportunities for DST funding – Strategies on International cooperation"

### 3. Special talk in CITL studio related to the “Research Methodology Introduction”

Review of the talk in CITL studio related to the Research Methodology introduction – by Dr.T.Hari Narayana, Director, ESPAC

Event: Review of the talk in CITL studio related to the Research Methodology introduction – by Dr.T.Hari Narayana, Director, ESPAC

Date: 11th March 2020

Venue: B.S.A Crescent Institute of Science and Technology – Centre for Innovation in Teaching & Learning CITL

Objectives of the event: To address the Research Methodology subject to research scholars, Engineers, Post Graduate students through video-based lecture



Research Methodology by Dr. T. Hari Narayana, Director, ESPAC

### 4. BRIDGE 2020–Largest Industry-Institute Interaction Event of Asia, Date: 25.02.2020

Photos of the event @ **IITM Research Park, Chennai**



Giving memento to Dr. R. Govindaraj, Chief Scientist – CEERI Centre, Council of Scientific & Industrial Research Chennai by Prof. T. Harinarayana, Director (ESPAC) and Dr. K. Ganesh, Director (Placement and Training)  
 (Left to right Dr. T. Harinaryana, Dr. R. Govindaraj, and Dr. K. Ganesh)



(3<sup>rd</sup> from left to right: Dr. K. Ganesh, Dr. T. Harinaryana, Dr. R. Govindaraj, Dr. C. Sethuraman and Dr. G. Sainarayanan)

5. Work shop on “How to identify Research Problems, Write HQ Research Papers and Proposals”, Date:14.02.2020



Workshop resource persons details (Banner)



Workshop Inauguration

(Left to Right) Dr. I. Raja Mohamed, Dr. Professor & Dean (Research) Dr. T. Harinarayana, Professor & Director (ESPAC) and Prof. G. Parthasarathy, Professor & Senior Scientist and Ms. Uma Mageshwari, from M/s. Kankyo CleanTech India Pvt Ltd, Chennai.





Welcome address by  
 Dr. I. Raja Mohamed, Professor & Dean (Research)



Introducing the resources person by  
 Dr. T. Harinarayana, Professor & Director (ESPAC)



Talk and presentation by the resources persons with participants

6. Initiative Talk of Prof. Shakeel Ahmed, Jamia Millia Islamia, New Delhi, Date: 16.12.2019

(Interaction with School of Infrastructure, Meeting with School of Electrical Sciences, Visit to Pilot units and CIIC & Meeting at School of Mechanical Sciences)



**Interaction with Dean & Faculty members  
of School of Infrastructure**



**Interaction with HOD, Dean & Faculty members  
of School of Electrical Sciences**



**Interaction with Dean & Faculty members  
of School of Mechanical Sciences**

7. Special Guest Lecture on “Promotion of Research, Funded Projects, Patterns and Consultancy” The programme being associated with Dean (SCIMS), Dean (Research) and Director (ESPAC), Date 24.10.2019



Photos of Prof. T. Harinarayana, Director - ESPAC, Giving Special Guest Lecture on Promotion of Research, Funded Projects, Patterns and Consultancy

8. Visit of UGC Expert Committee to Crescent - Prof. M.K. Durgaprasad, Prof. Ashok Thorat, and Prof. R. Rajaram Zirange, Date: 19.09.2019



**Visit to 3 pilot plants**

(Left to right: Dr. J. Revathy madam, Dr. R. Raja Prabu, Dr. T. Harinarayana, Mr. Nandagopal (Kankyo), Prof. R. Rajaram Zirange, Prof.M.K Durga Prasad, Prof. Ashok Thorat, Sr. Manager Shri. V. N. A. Jalal, Mr. S.Shafeer Ahamed, Mr. A .Sheik Farid and other faculty members of Crescent)



**Photos of Interaction and discussion at 3 pilot plants with UGC expert Committee members**

9. Visit of Japanese officers to Crescent, M/s. Yanaco Corporation, Japan, Mr.Yorkio Yanagimoto, Ms. Shodai Yanagimoto, Mr. Yathi Rajesh, K along with Mr. Nandagopal of kankyo, Date: 18.09.2019



**Interaction with Prof. T. Harinarayana at ESPAC office**



**Interaction & discussion with Prof. A. Azad, Registrar**



**Interaction & discussion with Honorable Vice Chancellor Sir**



**Visit to Pilot Plants**  
 (Left to Right Mr. Nandagopal, Mr. Yoriko Yanagimoto, Ms. Shodai Yanagimoto, Mr. Yathi Rajesh, K Prof. T. Harinarayana, Dr. V.S. Priya & Mr. Y.Ibrahim)

10. Visit of Prof. Parthasarathy, Senior Scientist, INSA (ECE, PHYSICS, CHEMISTRY and LIFE SCIENCES), Date: 13.09.2019



**Interaction at ESPAC with Prof. T. Harinayanan**



**Interaction at ECE department**



**Interaction at Chemistry department**



**Interaction with senior faculty of Physics department**



**Interaction and discussion with Research students of Physics department**

11. Visit of Prof. K. Ramarathnam, Chairman, BASIL Energetic Pvt Ltd (MECH, CA, CSE, ECE & Chemistry), Date: 06.09.2019



**Interaction at ESPAC Office**



**Visit to 3 Pilot plants**



**Interaction and discussion with Senior Professors and other faculty members.**



**Meeting with Shri V. N. A Jalal, Senior Manager**

12. Visit of Dr. JVSSN. Murthy, Ex. GM, OMGC Ltd to Crescent (IT, CSE, CA & Aerospace Engg.),

Date:06.09.2019



**Visiting with our honorable VC sir's**



**Visit to Pilot scale plants  
Left to Right: Dr. T. Harinarayana & Dr. JVSSN. Murthy**



**Interaction with CA, CSE, IT faculty members  
Coordinator: Dr. A. Iava. Dean Computer Science**



**Meeting with Dr. Ashok Ghosh, HOD, Aerospace Engg.**



13. Invited talk “Smart Energy System for Renewable Energy”, Dr. K. Balaraman, Director General, NIWE, Government of India, Date: 30.07.2019



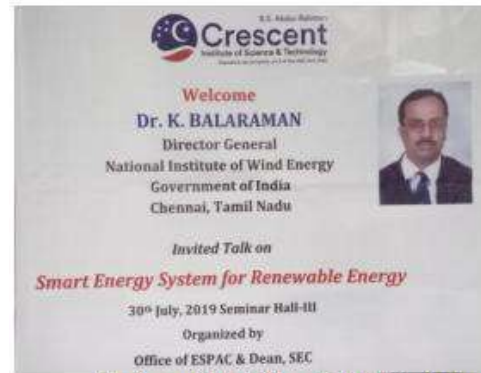
**Interaction and discussion with Director ESPAC, Dean & Faculty members**



**Visit to Solar Plant**



**Visit to Crescent Innovation and Incubation Council**



**Book on Extra-Mural R & D Projects of Govt. of India, released by Dr. K. Balaraman, DG, NIWE and our Vice Chancellor, Registrar of BSARCIST.**

13. Visit of Officers from Swachh Bharat mission and others to Crescent, Mr. Kiran Kulkarni, Swachh Bharat Mission Advisor, Prof. Mohan, NACOF, Date: 19.07.2019

**Interaction and discussion at 3 pilot plants with the visitors**



**(Left to right: Mr. Vivek, Dr. T. Harinarayana, Mr. Kiran Kulkarni, Prof. Mohan, Mr. Nandagopal (Kankyo) Mr. Venkat Rao, and Mr. U. Ram Mohan Rao)**

## CENTRAL LIBRARY

### Details of Quality Improvement Programmes conducted / organized during July 2019 - June 2020

S.No	Details of the programme	Duration Days / Hrs.	Details of Collaborating Agency & Resource Person	Details of Participants			Outcome
				Students	Faculty	Others	
1.	Orientation programme on e-Journals access	10 <sup>th</sup> August 2019	EBSCO	35	7	-	Discussed on e-Journals access
2.	Technical session on access to e-resources	4 <sup>th</sup> October 2019	IEEE	57	13	-	Explained on the strategies about e-journals access
3.	Two days workshop on D-Space	29-30 October 2019	MALA Network	-	-	150	Hands on experience on Institutional Repository software
4.	Online workshop on Research Planning and Writing Skills. This	24th April 2020	Rajneesh, Elsevier	30	55	100	How to write research papers

	workshop has been jointly organized with Elsevier publishers.						and other techniques were discussed
5.	Online webinar on Knimbus Remote Access has been conducted on How the Library resources can be accessed from was the main theme of the program	2 <sup>nd</sup> April 2020.	Karthikeyan, Venkatesan GIST and Knimbus	44	125	Nil	On Remote Access of Library resources
6.	The Library has conducted webinar on Knimbus – One point access.	27th April 2020	Karthikeyan Knimbus	19	67	48	Talked about Knimbus remote access and open source resources
7.	The Central Library has organized Online Demo on INSPEC database.	30th April 2020.	Priyank Taparia IET Publishers	33	78	50	Discussed on INSPEC database
8.	Online training on IEEE e-Journals has been conducted.	7th May 2020	Mr Vengatesan IEEE	20	63	78	Discussed about various strategies on IEEE e-Journals
9.	The Library has organized a	15th May	Mr. Paul	19	149	28	Oration on how to

	joint technical session with Springer Nature on Scientific Writings.	2020	Springer Nature				write research articles and publishing strategies.
10.	The Library has conducted a Webinar on Pro Quest's Resources and Tools for Research and Learning.	29th May 2020	Mr. Surender ProQuest	15	47	38	Research resources were explained

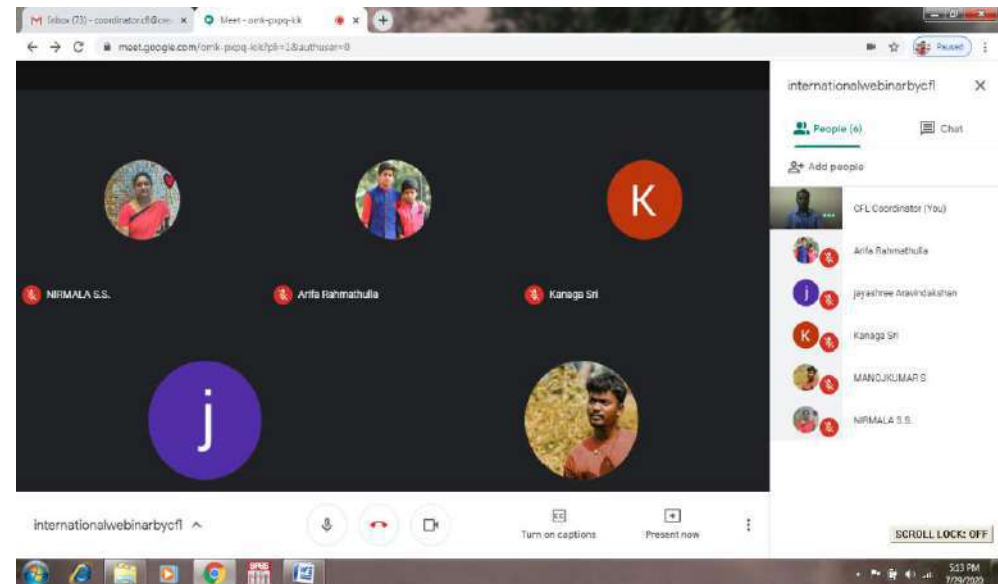
## CENTRE FOR LEADERSHIP

### 1. Conferences / FDP / Seminars / Workshops Organized

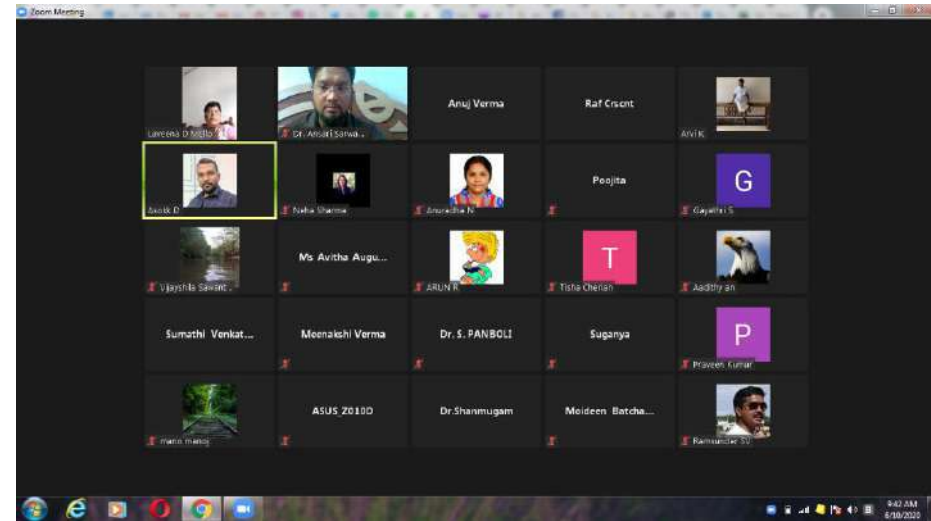
S. No	Name of the programme	Type of Programme	Duration From – To	Details of Collaborating Agency/Institution	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	Neuro Linguistic Programming (NLP)	International One-Week Online programme	10.06.2020 – 16.06.2020	Placement & Training Cell – BSA Crescent Institute of Science & Technology, Chennai.	Dr. D. Asok Certified NLP Trainer by IIPE – Canada / Assistant Professor / Department of Management Studies, BSA Crescent Institute of	17	-	98  (across different districts and states of India)	30

					Science & Technology, Chennai.				
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International One-Week Online programme on Neuro Linguistic Programming (NLP)



## International Online Webinar on Leaders – Trend Setters or Change Agents





## CENTRE FOR INTERNATIONAL RELATIONS

Value Added Programmes Started:

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	German Language Learning Programme	December 16, 2019 to March 26, 2020, June 30,2020 to August4, 2020	40 hours	-	-	8	-



**German Language Learning Class**

Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From – To	Details of Collaborating Agency/Institution	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	Higher Education Opportunities in USA & Canada	Seminar	July 16, 2019	-	Ms. Meera Seshadri, Director, M/s Indage Global Group, Inc. Canada	-	Pre-final year & final year	-	-
2	Higher Education Opportunities	Seminar	September 20, 2019	-	Dr. Markson Chin Wee Chien, Dr.Hudjajay Siswoyo Jo, Dr.Valliappan Ram, Faculty -members of Engineering, IT and Business of Swinburne University, Australia & Malaysia.	-	77 pre-final year and final year B.Tech students	-	-
3	The Regulation of Hate Speech	Seminar	November 21, 2019	-	Dr. Venkat Iyer, Professor, School of Law, Ulster University, UK	-	Law students	-	-
4	Creative Teaching & Learning Pedagogies in UNSW	Seminar	January 28, 2020	-	Dr.Jayashri Ravishankar, Associate Professor and Deputy Head of School (Education),	-		-	-

	Engineering				School of Electrical Engineering and Telecommunications at University of New South Wales, (UNSW), Sydney, Australia				
5	World Class Opportunities for International Education in Italy & Career Guidance	Seminar	February 4, 2020	-	Mr. Ramesh, Director of Videsh Consultz	-	Interested final year students	-	-
6	Higher Studies Educational Opportunities in Abroad for Biotechnology Students	Seminar	February 7, 2020	-	Mr.Premanand, Head, Azent Overseas, Chennai	-	86 Biotechnology students	-	-
7	Opportunities for Higher Education in UK for CSE students	Seminar	March 12, 2020	-	Mr.Kathiravan Abranathan, Executive Director and Mr.NithiSivaguru from ScotsHunt UK Ltd & ScotsGrad	-	30 students	-	-

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**Seminar on Creative Learning & Teaching Pedagogies in UNSW Engineering by Dr. Jayashri Ravishankar, UNSW, Sydney**



**Higher Studies Educational Opportunities in Abroad for Biotechnology students by Mr. Premanand, Azent Overseas**

**International Visits by Faculty / Students:**

<b>S.No</b>	<b>Name of the Faculty/Student</b>	<b>Name of the Institution/Industry</b>	<b>Country Visited</b>	<b>Purpose of visit</b>	<b>Period of visit</b>	<b>Outcome</b>
1.	Dr. M. Asha Jhonsi	School of Chemistry, University of Melbourne	Australia	Short term visit to research lab of Sonochemistry	28th September to 12th October 2019 (2 weeks)	Research Collaboration
2.	Dr. Rafik Rajjak Shaikh	King Abdullah University of Science and Technology	Saudi Arabia	Tutor for Saudi Research Science Institute	14 June - 02 August 2019	Research Collaboration

				(SRSI)-2019		
3.	Mr. Parvez Alam (CEO & Director of CIIC)	Mohamed Bin Rashid Centre for Government Innovation	Dubai	Visit and discussion on collaborative projects	28.07.2019	Research & Innovation Collaboration
4.	Mr. Parvez Alam (CEO & Director of CIIC))	Dubai Youth Hub	Dubai	Visit and discussion on collaborative projects	28.07.2019	Research & Innovation Collaboration
5.	Mr. Parvez Alam (CEO & Director of CIIC)	Certero Corporation & K12 Incubator	Abu Dhabi	Visit and discussion on collaborative projects	29.07.2019	Research & Innovation Collaboration
6.	Mr. Parvez Alam (CEO & Director of CIIC)	Krypto Labs	Abu Dhabi	Visit and discussion on collaborative projects	29.07.2019	Research & Innovation Collaboration
7.	Mr. Parvez Alam (CEO & Director of CIIC)	IN5 Incubation Centre	Dubai	Visit and discussion on collaborative projects	30.07.2019	Research & Innovation Collaboration
8.	Mr. Parvez Alam (CEO & Director of CIIC)	Astro labs	Dubai	Visit and discussion on collaborative projects	30.07.2019	Research & Innovation Collaboration
9.	Mr. Parvez Alam (CEO & Director of CIIC)	Dubai Technology Entrepreneurship centre (DTEC)	Dubai	Visit and discussion on collaborative projects	30.07.2019	Research & Innovation Collaboration
10.	Mr. Parvez Alam (CEO & Director of CIIC)	Sharjah Entrepreneurship Centre	Sharjah	Visit and discussion on collaborative	31.07.2019	Research & Innovation Collaboration

				projects		
11.	Mr. Parvez Alam (CEO & Director of CIIC)	Dubai Science Park	Dubai	Visit and discussion on collaborative projects	01.08.2019	Research & Innovation Collaboration
12.	Mr. Parvez Alam (CEO & Director of CIIC)	Gibraltar Technologies	Dubai	Visit and discussion on collaborative projects	02.08.2019	Research & Innovation Collaboration
13.	Mr. Parvez Alam (CEO & Director of CIIC)	Startup Amsterdam	Amsterdam	Visit and discussion on collaborative projects	06.01.2019	Research & Innovation Collaboration
14.	Mr. Parvez Alam (CEO & Director of CIIC)	Get In The Ring (GITR)	Netherland	Visit and discussion on collaborative projects	07.08.2019	Research & Innovation Collaboration
15.	Mr. Parvez Alam (CEO & Director of CIIC)	Eramus Centre For Entreprenuership in Rotterdam	Netherland	Visit and discussion on collaborative projects	07.08.2019	Research & Innovation Collaboration
16.	Mr. Parvez Alam (CEO & Director of CIIC)	Startlife Wageningen, University of Wageningen	Netherland	Visit and discussion on collaborative projects	07.08.2019	Research & Innovation Collaboration
17.	Mr. Parvez Alam (CEO & Director of CIIC)	American Tamil Entrepreneurs Association (ATEA)	Philadelphia, USA	Visit and discussion on collaborative projects	06.10.2019	Research & Innovation Collaboration
18.	Mr. Parvez Alam (CEO & Director of CIIC)	University of Mizzou	Mizzou, USA	Visit and discussion on collaborative	07.10.2019	Research & Innovation Collaboration

				projects		
19.	Mr. Parvez Alam (CEO & Director of CIIC)	National Research Council (NRC) & Canadian Light Source ,Saskatchewan	Canada	Visit and discussion on collaborative projects	08.10.2019	Research & Innovation Collaboration
20.	Mr. Parvez Alam (CEO & Director of CIIC)	University of Saskatchewan	Canada	Visit and discussion on collaborative projects	08.10.2019	Research & Innovation Collaboration
21.	Mr. Parvez Alam (CEO & Director of CIIC)	Innovation Saskatchewan	Canada	Visit and discussion on collaborative projects	09.10.2019	Research & Innovation Collaboration
22.	Mr. Parvez Alam (CEO & Director of CIIC)	Global Institute for Food Security, Saskatchewan	Canada	Visit and discussion on collaborative projects	09.10.2019	Research & Innovation Collaboration
23.	Mr. Parvez Alam (CEO & Director of CIIC)	Co Labs Incubator, Saskatchewan	Canada	Visit and discussion on collaborative projects	09.10.2019	Research & Innovation Collaboration
24.	Mr. Parvez Alam (CEO & Director of CIIC)	Centre for Urban Energy, Ryerson University, Toronto.	Canada	Visit and discussion on collaborative projects	10.10.2019	Research & Innovation Collaboration
25.	Mr. Parvez Alam (CEO & Director of CIIC)	DMZ Incubator, Toronto.	Canada	Visit and discussion on collaborative projects	10.10.2019	Research & Innovation Collaboration
26.	Mr. Parvez Alam (CEO & Director of CIIC)	MARS Discovery District Incubator, Toronto.	Canada	Visit and discussion on collaborative	10.10.2019	Research & Innovation Collaboration

				projects		
27.	Mr. Parvez Alam (CEO & Director of CIIC)	Fab Foundation, MIT.	Boston, USA	Visit and discussion on collaborative projects	12.10.2019	Research & Innovation Collaboration
28.	Mr. Parvez Alam (CEO & Director of CIIC)	Massachusetts Institute of Technology	Boston, USA	Visit and discussion on collaborative projects	12.10.2019	Research & Innovation Collaboration
29.	Mr. Parvez Alam (CEO & Director of CIIC)	Massachusetts Institute of Technology	Boston, USA	Visit and discussion on collaborative projects	12.10.2019	Research & Innovation Collaboration
30.	Mr. Parvez Alam (CEO & Director of CIIC)	Harvard Business School.	Boston, USA	Visit and discussion on collaborative projects	12.10.2019	Research & Innovation Collaboration
31.	Mr. Parvez Alam (CEO & Director of CIIC)	World Incubation Summit 2019 - Doha - Interaction with Mr. Ibrahim Executive Director of Qatar Development Bank, Supporter of Qatar Startup Ecosystem, Doha, Qatar	Qatar	Visit and discussion on collaborative projects	04.11.2019	Research & Innovation Collaboration
32.	Mr. Parvez Alam (CEO & Director of CIIC)	Team India - at world Incubation Summit, Doha.	Qatar	Visit and discussion on collaborative projects	04.11.2019	Research & Innovation Collaboration
33.	Mr. Parvez Alam (CEO & Director of CIIC)	Representatives of Qatar Mobility	Qatar	Visit and discussion on	04.11.2019	Research & Innovation



		Innovations Center, Qatar University & Hamad Bin Khalifa University - at world Incubation Summit, Doha.		collaborative projects		Collaboration
34.	Mr. Parvez Alam (CEO & Director of CIIC)	Represnetative of Qatar Business Incubation Centre - at world Incubation Summit, Doha.	Qatar	Visit and discussion on collaborative projects	04.11.2019	Research & Innovation Collaboration
35.	Mr. Parvez Alam (CEO & Director of CIIC)	EMCO Qatar, Doha.	Qatar	Visit and discussion on collaborative projects	04.11.2019	Research & Innovation Collaboration
36.	Mr. Parvez Alam (CEO & Director of CIIC)	Interaction with Indo Arab Contracting Company &Empasys Info Solutions Pvt Ltd.	Qatar	Visit and discussion on collaborative projects	04.11.2019	Research & Innovation Collaboration
37.	Mr. Parvez Alam (CEO & Director of CIIC)	Qatar Science & Technology Park.	Qatar	Visit and discussion on collaborative projects	07.11.2019	Research & Innovation Collaboration
38.	Mr. Parvez Alam (CEO & Director of CIIC)	Digital Incubation Center	Qatar	Visit and discussion on collaborative projects	07.11.2019	Research & Innovation Collaboration
39.	Mr. Parvez Alam (CEO & Director of CIIC)	Qatar Business Incubation Center	Qatar	Visit and discussion on collaborative projects	07.11.2019	Research & Innovation Collaboration
40.	Mr. Parvez Alam (CEO &	Crescent Alumni Meet	Dubai	Crescent Alumni	27.07.2019	Research &

	Director of CIIC)			Meet, Dubai		Innovation Collaboration
41.	Mr. Parvez Alam (CEO & Director of CIIC)	Meeting with Crescent Alumni	Philadelphia, USA	Meeting with Crescent Alumni, Philadelphia, USA	04.10.2019	Research & Innovation Collaboration
42.	Mr. Parvez Alam (CEO & Director of CIIC)	Crescent Qatar Alumni Chapter Members Meet, Doha.	Qatar	Crescent Qatar Alumni Chapter Members Meet, Doha, Qatar	06.11.2019	Research & Innovation Collaboration
43.	Dr. D. Ayub Khan Dawood, Prof and Dean , School of Social Sciences and Humanities	Department of Economics, University of Negeri, Yogyakarta.	Indonesia	Plenary speaker in the “Annual Conference on Management Challenges. Delivered a special lecture on “Becoming an Excellent faculty of Business and Economics in Industrial Revolution 4.0”	28.09.2019	Academic & research collaboration
44.	Dr. D. Ayub Khan Dawood, Prof and Dean , School of Social Sciences and Humanities	University Atma Jaya, Yogyakarta.	Indonesia	Turning to Sustainable Business Practices for Social Change (Economics of Sustainable Development	30.09.2019	Academic & research collaboration
45.	Dr. D. Ayub Khan Dawood,	University Atma Jaya,	Indonesia	Social	30.09.2019	Academic &

	Prof and Dean , School of Social Sciences and Humanities	Yogyakarta.		Entrepreneurs - the Game Changers		research collaboration
46.	Dr. D. Ayub Khan Dawood, Prof and Dean , School of Social Sciences and Humanities	University Negeri Yogyakarta.	Indonesia	Visit and discussion on collaborative projects	30.09.2019	Academic & research collaboration
47.	Dr. D. Ayub Khan Dawood, Prof and Dean , School of Social Sciences and Humanities	University Negeri Yogyakarta.	Indonesia	Business and Incubation Centre – Sponsored by Govt. of Indonesia and UNDP	30.09.2019	Academic & research collaboration
48.	Dr. D. Ayub Khan Dawood, Prof and Dean , School of Social Sciences and Humanities	LA TROBE Business School Victoria	Australia	Visit and discussion on collaborative projects	30.09.2019	Academic & research collaboration
49.	Dr. D. Ayub Khan Dawood, Prof and Dean , School of Social Sciences and Humanities	Nanjing Xiaozhunang University	China	Visit and discussion on collaborative projects	30.09.2019	Academic & research collaboration
50.	Dr. D. Ayub Khan Dawood, Prof and Dean , School of Social Sciences and Humanities	Muhammadiyah University , Yogyakarta	Indonesia	Visit and discussion on collaborative projects	30.09.2019	Academic & research collaboration
51.	Dr. D. Ayub Khan Dawood, Prof and Dean , School of Social Sciences and Humanities	Sanata Dharma University	Indonesia	Visit and discussion on collaborative projects	30.09.2019	Academic & research collaboration



**Mr. Parvez Alam, CEO, CIIC visited Harvard Business School, Boston, USA on 12.10.2019**



**Mr. Parvez Alam, CEO, CIIC visited Massachusetts Institute of Technology, Boston, USA on 12.10.2019**



**Dr. D. Ayub Khan Dawood, Prof and Dean, School of Social Sciences and Humanities visited University Negeri Yogyakarta, Indonesia in the year 2019**



**Dr. M. Asha Jhonsi had a short-term visit to research lab of Sonochemistry, University of Melbourne, Australia during 28.09.2019 to 12.10.2019**



**Mr. Parvez Alam, CEO, CIIC, visited Krypto Lab, Abu Dhabi on 29.07.2019**



**Mr. Parvez Alam, CEO, CIIC, visited GTR (Get in the Ring), Netherland on 07.08.2019**



**Dr. D. Ayub Khan Dawood, Prof and Dean, School of Social Sciences and Humanities visited LA TROBE Business School Victoria – Australia in the month of 2019**

MoUs Signed:

S.No	Name of the firm/Institute	Type of Collaboration	Details of MoU			Outcome Expected	Current status
			Day	Month	Year		
1.	Concerning the Establishment of an EU-India World Startup Factor Netherlands (www.worldstartupfactory.com)	MoU– Research & innovation	13	11	2019	<ul style="list-style-type: none"> <li>• Sharing of local market know-how and contacts</li> <li>• Referring startups which might be fit for the other party</li> <li>• Be open for exchange programs and co-organizing events</li> <li>• Use of office space during business trips</li> </ul>	-
2.	IDEA Innovation Center, 36, Lykourgou, 1011 Nicosia 1599, Cyprus	MoU– Research & innovation	13	11	2019	<ul style="list-style-type: none"> <li>• Virtual Incubation services</li> <li>• Joint grant applications</li> <li>• Help start ups</li> </ul>	-
3.	University of Stuttgart, Germany	MoU– Research & teaching	11	11	2019	Academic & research exchange such as students, faculty and researchers	-
4.	Missouri Innovation Centre, Columbia, MO	MoU– Research & innovation	07	10	2019	<ul style="list-style-type: none"> <li>• Virtual Incubation services</li> <li>• Joint grant applications</li> <li>• Help start ups</li> </ul>	Jointly organized the International Conference on Recent Trends in Bio-nanotechnology, Energy and

							Environment (ICBEE - 2020) held on February 18th & 19th, 2020 organized by School of Life Sciences and ThassimBeevi Abdul Kader College for Women, Kilakarai supported by Tamil Nadu State Council for Science and Technology, Chennai, India.
5.	UAJY - Universitas Atma Jaya Yogyakarta, Indonesia	MoU– Research & teaching	30	09	2019	<ul style="list-style-type: none"> <li>• Joint educational &amp; research activities</li> <li>• Research Scholar, students &amp; faculty exchange</li> <li>• To promote join/ dual / double degree programs</li> <li>• Credit transfer programs</li> </ul>	Dr. D. Ayub Khan Dawood was invited the chief guest at Annual conference of Management challenges
6.	Centre for surface technology and applications korea aerospace University, Republic of Korea	MoU– Research & teaching	30	08	2019	<ul style="list-style-type: none"> <li>• To promote direct contact between staffs, administrators, departments &amp; research centers</li> <li>• Joint research</li> <li>• Exchange of faculties and staffs for</li> </ul>	<ul style="list-style-type: none"> <li>• Research publication</li> </ul>

						research, teaching & collaborations <ul style="list-style-type: none"> <li>• Exchange of students for study and research</li> <li>• Access to research facilities</li> <li>• Based on project to project, a separate detailed agreement shall be executed.</li> </ul>	
7.	Bio Engineering major division Bioengineering Incheon national university, Republic of Korea	MoU – Research & teaching	30	08	2019	<ul style="list-style-type: none"> <li>• Joint research</li> <li>• Exchange of faculty &amp; staff for research, training and collaborations</li> <li>• Exchange of students for study and research</li> <li>• Access to various research facilities</li> <li>• Based on project to project, a separate detailed agreement shall be executed.</li> </ul>	<ul style="list-style-type: none"> <li>• Delivered invited talk</li> <li>• 2 Patent and 1 Publication</li> </ul>





**MoU signing ceremony with UAJY - Universitas Atma Jaya Yogyakarta, Indonesia on 30.09.2019**



**MoU signing ceremony with Republic of Korea on 30.08.2019**

**Important Visitors :**

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1.	Dr. Markson Chin Wee Chien, Dr. HudyjaySiswoyo Jo, Dr. Valliappan Ram visited on 20.09.2019	Faculty members of Engineering, IT and Business of Swinburne University, Australia & Malaysia.	A seminar on 'Higher Education Opportunities'	Higher education Studies for students
2.	Prof. Dr. Abd ElnabyElbaiomyKabeel, visited on 19.10.2019	Tanta University, Egypt visited the department and interacted with the faculty members	To discuss the various possibility for collaboration	Research & academic collaboration

3.	Dr. Venkat Iyer, Professor, School of Law, visited on November 2019	Ulster University, UK	A seminar on 'The Regulation of Hate Speech'	Safeguarding human rights
4.	Prof. Paul Carmichael, Associate Dean, Global Engagement, Ulster University (Ireland) & Prof. Venkat Iyer, Director of Educational Partnership & International Affairs visited on 09.12.2019	Ulster University (Ireland)	To discuss the various avenues for collaboration	Research & academic collaboration
5.	Dr. Daniel Leon Salas, visited during January 2020	Purdue (SERB-OVDF) University, US	Guest lecture on the topic 'Advanced Digital Signal Processing and SDR'	Research & academic collaboration
6.	Professor Dr. Mohammad Al-Thunaibat, visited on 06.12.2019	Former Deputy Prime Minister for Services and Minister of Education of Jordan & Chairman of the Board of Directors / Board of Directors of Jordan Phosphate Mines Company Currently Chairman of the Board of Trustees of Al-Hussein Bin Talal University.	To discuss the various possibility for collaboration	Research & academic collaboration
7.	Dr. Jayashri Ravishankar, visited on 28.01.2020	Associate Professor and Deputy Head of School (Education), School of Electrical Engineering and	A seminar on "Creative Teaching & Learning Pedagogies in UNSW Engineering"	To adopt international standard teaching pedagogy

		Telecommunications at University of New South Wales, (UNSW), Sydney, Australia		
8.	Prof. Paul Quinn, visited on 31.01.2020	Assistant Director, Head of Global Recruitment and Engagement, Ulster University (Ireland)	To explore the possibility for collaboration	Academic & Research Collaboration
9.	Prof James McLaughlin, visited on 24.02.2020	Head of School of Engineering & Director of the Nanotechnology and Integrated Bioengineering Centre (NIBEC)	Meeting with senior faculty members on AI in Healthcare centric research, composites management especially in aircraft industry, robotics, nanomaterials, etc.	Academic & Research Collaboration



**Professor Mohammad Al-Thunaibat, visit on 06.12.2019**



**Prof. Paul Quinn, visit on 31.01.2020**



**Prof. Paul Carmichael, Associate Dean, Global Engagement, Ulster University (Ireland) & Prof. Venkat Iyer, Director of Educational Partnership & International Affairs visited on 09.12.2019**



**Dr. Jayashri Ravishankar, visited on 28.01.2020**

Any Other Information:



**Sri Lanka students and faculty members attended the Crescent International students workshop on management Practices organized by the Department of Management Studies on 29.07.2019 – 04.08.2019.**

To highlight and explain about the various offerings of our institute, our Management hosted lunch on December 2019 for the research scholars who joined in the AY 2019-2020 along with their research supervisors



The team of 37 students from III year, B.Arch, B.Des and 5 staff members visited Indonesia, an International educational trip for a period of 7 days. The students observed and learnt the contemporary architectural features of the city of Indonesia, Jakarta and Bali in 2020

## **SCHOOL OF COMPUTER, INFORMATION & MATHEMATICAL SCIENCES**

- **Department of Computer Science & Engineering**
- **Department of Information Technology**
- **Department of Computer Applications**
- **Department of Mathematics & Actuarial Science**

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### 1. New Programmes Started

S.No	Name of Programme	Month & Year of Introduction	Details of Approval			
			Board of Studies	Academic Council	BOM	AICTE/UGC
1	B.Tech CSE(IoT)	July 2020	10.06.2020	-	-	-
2	B.Tech CSE(Cyber Security)	July 2020	10.06.2020	-	-	-
3	B.Tech Artificial Intelligence and Data Science	July 2020	10.06.2020	-	-	-

### 2. Value Added Programmes Conducted

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	C Programming	July'19 to December'19	30 hrs	Spoken Tutorial Project, IIT Bombay	Enrolled - 234 Test written -184 Passed -120	-	-

2.	Java	July'19 to December'19	30 hrs	Spoken Tutorial Project, IIT Bombay	Enrolled -179 Test written -147 Passed – 112	-	-
3.	Ruby	July'19 to December'19	30 hrs	Spoken Tutorial Project, IIT Bombay	Enrolled -139 Test written - 54 Passed – 50	-	-
4.	Postgres SQL	July'19 to December'19	30 hrs	Spoken Tutorial Project, IIT Bombay	Enrolled - 9 Test written - 9 Passed – 9	-	-
5.	C and C++	July'19 to December'19	30 hrs	Spoken Tutorial Project, IIT Bombay	Enrolled - 60 Test written - 53 Passed – 46	-	-

### 3. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	IBM CE Enablement Program - IBM Design thinking, Agile Software development and Devops	01.07.2019 to 05.07.2019	35 hrs	IBM CE	-	20	-



#### 4. Details of Field visits organized by the department

Sl. No	Participant Details				Name of faculty Organized the event	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1	B.Tech	8	A, B, C	54	Mr. Manoj Kumar D S	Atos Syntol, SIPCOT, Siruseri	18.02.2020	How to manage transition from college to corporate environment, How to focus and improve on strengths and proficiency.	Yes
	M.Tech	2		3					
2	B.Tech	3	C	63	Dr.A.Ramachandran	BSNL, Meenambakkam	17.10.2019	Students gained knowledge on practical application of Networking, and Mobile Communication	Yes

								how mobile networks are established.	
3	B.Tech	7	A, B, C	45	Mr. Manoj Kumar D S	BSNL, Meenambakkam	16.10.2019	Students acquired knowledge on practical application of Sensor Networks, Wireless Communication system and FTTH. How the connections are established.	Yes

### 5. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Data Science, Artificial Intelligence and IOT": The New Normal	Webinar	26.06.2020	-	Mr. Imtiyaz Sheriff.C, Director, Ideassion Technology Solutions	5	22	7	4
2	5 L 5D Student Development Training Programme	STTP	15.06.2020- 19.06.2020	-	Ms C.Vijayalakshmi Ms C.Hema Ms Madhina Banu Mr Manoj Kumar D S Dr A Ramachandran	-	-	-	45 school students
3	Test Your Knowledge in ISO	Online Quiz competition	29.05.2020	-	-	65	-	45	-
4	Fields Going to Rule the Future	Webinar	23.05.2020	-	Prof.K.Manikandan, Director, Grow Yourself Organization	-	-	-	200 School students
5	Introduction to Data	Webinar	21.05.2020	-	Mr.Bharani Kumar Depuru	23	49	-	-

	Science				Director, Innodatatics INC.,USA				
6	COVID -19 Awareness	Quiz	08.05.2020	-	-	-	-	36	197- College Students 21- School students
7	INTELLECT 2K20	Quiz	07.05.2020	-	-	1009 School student s	-	-	-
8	Test your Knowledge on Accreditation	Quiz	04.05.2020	-	-	92	14	-	-
9	Webinar on Machine Learning using Python	Webinar	01.05.2020	-	Mr. Dinesh Babu R, Managing Director, BrainSwig	36	-	-	-
10	Data Visualization Using Tableau	Webinar	30.04.2020	-	Mr. Dinesh Babu R, Managing Director, BrainSwig	40	-	-	-
	Advanced Business	Webinar	28.04.2020	-	Mr. Dinesh Babu R,	23	-	-	-

11	Analytics Using R				Managing Director, BrainSwig				
12	The Importance of Skills And Abilities	Seminar	13.03.2020	-	MR. M. Arvind Kumar, Head, Content Development Team	-	30	-	-
13	The Opportunities for Higher Education in UK	Seminar	12.03.2020	-	Mr. Kathiravan Abranathan, Executive Director, Mr. Nithi Sivaguru from ScotsHunt UK Ltd & ScotsGrad.	-	30	-	-
14	Communication & Personality Development	Seminar	29.08.2019	-	Mr. Shaik Dawood, Delivery Manager, Sutherland	15	-	-	-
15	Devops, Agile Software Development and IBM DesignThinking	FDP	01.07.2019-05.07.2019		Mr. Nagendra, IBM, Bangalore	-	38	-	-

## 6. Conferences / FDP / Seminars / Workshops Attended

S.No.	Name	Name of The Programme	Nature of Event	Duration	Organized By
				From - To	
1	Mrs C.Vijayalakshmi	Architecting Cloud Services	Workshop	12.02.2020 - 13.02.2020	BSACIST
2	Dr. A.K. Ashfauk Ahamed	Tide Turners Plastic Challenge	Quiz	25.03.2020	Government of India Ministry of Environment, Forest and Climate Change, United Nations Environment Programme, WWF India, Centre For Environment Education and Millions Spark Foundation
3	Ms. S. Subhashini	Game Development Using Pygame	STTP	26.03.2020 - 28.03.2020	Guvi
4	Dr. E. Syed Mohamed	A Systematic Software Based Approach to Implement OBE To Achieve Excellence	Webinar	24.04.2020	lonidea

		Leading to Accreditation Readiness Through Ion Cudos			
5	Dr. E. Syed Mohamed	All About Patent and Intellectual Property	Webinar	26.04.2020	CIIC,BSACIST
6	Dr. E. Syed Mohamed	Basics of Documentation Using Latex	Workshop	24.04.2020 - 30.04.2020	Stella Maris College
7	Ms. S. Subhashini	Emerging Respiratory Viruses Including Covid19	Training	04.04.2020	World Health Organization
8	Dr. E. Syed Mohamed	Moodle Learning Management System Training	Training	29.04.2020- 01.05.2020	IIT Bombay
9	Mr. Manoj Kumar D S	Matlab Onramp	Training	5.04.2020 - 14.04.2020	Mathworks Training Services
10	Mr. Manoj Kumar D S	Digital Knowledge Series: Season 1 Technology for The Future	Webinar	09.04.2020 - 18.04.2020	ICT Academy
11	Dr. N. Sabiyath Fatima	Future of AI inspired by Customer Use Cases For AI-ML	Webinar	09.04.2020	ICT Academy

12	Dr. N. Sabiyath Fatima	AICTE Recognized Faculty Development Programme On Internet of Things	FDP	10.04.2020 - 14.04.2020	NITTR Chandigarh
13	Ms. S. Subhashini	Session1: Technology for Future- RPA Basics and Beyond	Webinar	10.04.2020	ICT Academy
14	Ms. S. Subhashini	Session1: Technology for Future- Introduction to VM Ware Cloud	Webinar	11.04.2020	ICT Academy
15	Mr. Manoj Kumar D S	Machine Learning Onramp	Training	12.04. 2020 - 16.04.2020	Mathworks Training Services
16	Mr. Manoj Kumar D S	Fundamentals of Digital Marketing	Training	13.04.2020- 17.04.2020	Google Digital Garage
17	Ms. S. Subhashini	Session1: Technology for Future- Accelerating Experiential Learning in Engineering	Webinar	13.04.2020	ICT Academy
18	Ms. S. Subhashini	Session1: Technology for Future- Introduction to AI & ML	Webinar	15.04.2020	ICT Academy



19	Dr. S. Revathi	Octave/Matlab-Project Based Learning	STTP	16.04.2020 - 23.04.2020	Chase Research and Development Department
20	Dr. A. Ramachandran	Online FDP On HTML Programming	Training	17.04.2020 - 24.04.2020	Spoken Tutorial Project, IIT Bombay
21	Ms. S. Subhashini	Cyber Forensics	FDP	18.04.2020	Kalasalingam Academy of Research and Education
22	Dr. A. Ramachandran	Matlab Onramp	Training	19.04.2020	Mathworks
23	Ms. S. Subhashini	Covid19 Awareness Quiz	Quiz	19.04.2020 - 24.04.2020	Ramaiah Institute of Technology, Bangalore
24	Ms. S. Subhashini	Cyber Attacks	FDP	19.04.2020	CMR Technical Campus
25	Dr. S. Revathi	Online FDP on HTML Programming	FDP	20.04.2020- 24.04.2020	Spoken Tutorial Project, IIT Bombay
26	Ms. S.P. Valli	Online FDP on HTML Programming	FDP	20.04.2020 - 24.04.2020	Spoken Tutorial Project, IIT Bombay
27	Mr. Manoj Kumar D S	Digital Knowledge Series Season 2: Leading the VUCA World	Webinar	20.04.2020- 24.04.2020	ICT Academy
28	Mr. Manoj Kumar D S	Hands on Exposure in	FDP	30.04.2020	Easwari Engineering College

		Python 3.4.3 And R			
29	Mr. Manoj Kumar D S	Online FDP on HTML Programming	FDP	20.04.2020 - 24.04.2020	Spoken Tutorial Project, IIT Bombay
30	Dr. N. Sabiyath Fatima	Online FDP on HTML Programming	FDP	20.04.2020-24.06.2020	Spoken Tutorial Project, IIT Bombay
31	Dr. X. Arputha Rathina	Online FDP On HTML Programming	FDP	20.04.2020-24.04.2020	Spoken Tutorial Project, IIT Bombay
32	Ms. J. Brindha Merin	Online FDP On HTML Programming	FDP	20.04.2020-24.04.2020	Spoken Tutorial Project, IIT Bombay
33	Mr. V. Balaji	Online FDP On HTML Programming	FDP	20.04.2020 - 24.04.2020	Spoken Tutorial Project, IIT Bombay
34	Dr. A. Ramachandran	Leading in A VUCA World	Webinar	20.04.2020 - 25.04.2020	ICT Academy
35	Dr. A.K.Ashfauk Ahamed	Covid-19 Pandemic General Awareness Quiz	Quiz	20.04.2020	School of Life Science, BSACIST
36	Ms. S. Subhashini	Cyber Security	FDP	20.04.2020	Vels Institute of Science, Technology and Advanced Studies
37	Ms. S. Subhashini	Online FDP On HTML Programming	FDP	20.04.2020 - 24.04.2020	Spoken Tutorial Project, IIT Bombay

38	Ms. C. Hema	Online FDP On HTML Programming	FDP	20.04.2020 - 24.04.2020	Spoken Tutorial Project, IIT Bombay
39	Dr. L. Arun Raj	Cyber Security	FDP	20.04.2020	Vels Institute of Science, Technology and Advanced Studies
40	Ms. R. Akila	Online FDP On Html Programming	FDP	20.04.2020 - 24.04.2020	Spoken Tutorial Project, IIT Bombay
41	Mr. Manoj Kumar D S	Hands Training on Python Programming	Training	22.04.2020	Hunarpro Skilling Hub Pvt Ltd
42	Dr. L. Arun Raj	Covid Awareness Quiz	Quiz	21.04.2020	BSACIST
43	Mr. Manoj Kumar D S	Getting Started with Video: Creating Videos Your Students Will Watch	Webinar	23.04.2020	Amazon Web Services
44	Dr. A. Ramachandran	Machine Learning Onramp	Training	23.04.2020	Mathworks
45	Ms. S. Subhashini	Thrive in VUCA World with Collective Responsibility and Leadership Skills	Webinar	23.04.2020	CIIC, BSACIST
46	Dr. L. Arun Raj	Covid Quiz	Quiz	23.04.2020 - 24.06.2020	Ramaiah Institute of Technology, Bangalore.
47	Mr. Manoj Kumar D S	Transitioning to Online Learning	Webinar	24.04.2020	Amazon Web Services

48	Mr. Manoj Kumar D S	Online National Workshop on Basics of Documentation Using Latex.	Workshop	24.04.2020 - 29.04.2020	Stella Maris College
49	Mr. Manoj Kumar D S	A Systematic Software Based Approach to Implement Outcome Based Education to Achieve Excellence Leading to Accreditation Readiness Through Ioncudos	Webinar	24.04.2020	Ionidea
50	Mr. V. Balaji	A Systematic Software Based Approach to Implement Outcome Based Education to Achieve Excellence Leading To Accreditation Readiness Through Ioncudos	Webinar	24.04.2020	Ionidea

51	Dr. A. Ramachandran	A Systematic Software Based Approach to Implement Outcome Based Education to Achieve Excellence Leading to Accreditation Readiness Through Ioncudos	Webinar	24.04.2020	lonidea
52	Ms. S.P. Valli	A Systematic Software Based Approach to Implement Outcome Based Education to Achieve Excellence Leading to Accreditation Readiness Through Ioncudos	Webinar	24.04.2020	lonidea
53	Ms. S. Subhashini	A Systematic Software Based Approach to Implement Outcome Based Education to Achieve Excellent Leading	Webinar	24.04.2020	lonidea

		to Accreditation Readiness Through Ioncudos			
54	Ms. C. Hema	A Systematic Software Based Approach to Implement Outcome Based Education to Achieve Excellent Leading to Accreditation Readiness Through Ioncudos	Webinar	24.04.2020	Ionidea
55	Dr. S. Revathi	Python 3.4.3	FDP	26.04.2020 - 02.05.2020	Spoken Tutorial Project, IIT Bombay
56	Mr. Manoj Kumar D S	Digital Knowledge Series Season 3: The Future Is Here Now	Webinar	27.04.2020 - 01.05.2020	ICT Academy
57	Mr. Manoj Kumar D S	Application of Academic Integrity Policies In An Online Environment	Webinar	27.04.2020	Amazon Web Services
58	Dr. A. Ramachandran	The Future Is Here Now	Webinar	27.04.2020- 01.05.2020	ICT Academy
59	Ms. S. Subhashini	Future Is Here Now - Session 3 - Day1 -	Webinar	27.04.2020	ICT Academy

		Opening Keynote			
60	Mr. Manoj Kumar D S	Create Engaging Online Labs and Activities	Webinar	28.04.2020	Amazon Web Services
61	Dr. A. Ramachandran	Advanced Business Analytics Using R Software	Webinar	28.04.2020	Brainswig Edutech Pvt Ltd, Chennai
62	Ms. S. Subhashini	Future Is Here Now - Session 3 - Day 2 - Expert Session	Webinar	28.04.2020	ICT Academy
63	Ms. S. Subhashini	Advanced Business Analytics Using R	Webinar	28.04.2020	Brainswig Edutech Pvt Ltd, Chennai
64	Ms. C. Hema	Advanced Business Analytics Using R Software	Webinar	28.04.2020	Brainswig Edutech Pvt Ltd, Chennai
65	Dr. L. Arun Raj	Improving Research Planning Skills at Technical Institute	Workshop	28.04.2020	Technical Institute
66	Dr. A. Ramachandran	Data Visualization Using Tableau	Webinar	29.04.2020	Brainswig Edutech Pvt Ltd, Chennai
67	Ms. S. Subhashini	Moodle LMS	FDP	29.04.2020 - 01.05.2020	Karpagam College of Engineering

68	Ms. S. Subhashini	Basics of Cryptography and Network Security	Webinar	29.04.2020	Karpagam College of Engineering
69	Dr. L. Arun Raj	Moodle LMS	FDP	29.04.2020 - 01.05.2020	Karpagam College of Engineering
70	Mr. Manoj Kumar D S	Moodle Learning Management System	FDP	30.04.2020 - 04.05.2020	G. Venkataswamy Naidu College, Kovilpatti
71	Dr. E. Syed Mohamed	Data Visualization Using Tableau	Webinar	30.04.2020	Brainswig Edutech Pvt Ltd, Chennai
72	Ms. S. Subhashini	Future Is Here Now - Session 3 - Day4 -Expert Session	Webinar	30.04.2020	ICT Academy
73	Ms. S. Subhashini	Data Visualization Using Tableau	Webinar	30.04.2020	Brainswig Edutech Pvt Ltd, Chennai
74	Ms. S. Subhashini	Digital Learning Resources	Quiz	30.04.2020	Shree L R Tiwari College of Engineering, Maharashtra
75	Ms. C. Hema	Data Visualization Using Tableau	Webinar	30.04.2020	BSACIST



76	Dr. E. Syed Mohamed	Managing Online Classes and Co-Creating Moocs	FDP	20.04.2020 - 06.05.2020	Teaching Learning Center, Ramanujam College, University of Delhi
77	Dr. E. Syed Mohamed	Moodle Learning Management System	FDP	29.04.2020-01-05-2020.	Kaypeeyes College of Arts & Science, Kotagiri
78	Dr. E .Syed Mohamed	Machine Learning Using Python	Webinar	01.05.2020	Brainswig Edutech Pvt.Ltd
79	Dr. A. Ramachandran	Network Security and Management	Quiz	01.05.2020	Sri Krishna Adithya College of Arts and Science
80	Dr. A. Ramachandran	Machine Learning Using Python	Webinar	01.05.2020	Brainswig Edutech Pvt Ltd
81	Mr. Manoj Kumar D S	C Programming Quiz	Quiz	02.05.2020	BSACIST
82	Mr .Manoj Kumar D S	Faculty Development Program on Machine Learning	FDP	02.05.2020	Santhiram Engineering College, Nandyal,A.P.
83	Dr. A. Ramachandran	Machine Learning	Webinar	02.05.2020	Knowledge Bound
84	Dr. A.K. Ashfauk Ahamed	Nano Degree in Machine Learning	Training	02.05.2020	Knowledge Pound

85	Ms. S. Subhashini	Machine Learning	FDP	02.05.2020	Santhiram Engineering College, Nandyal
86	Ms. C. Hema	Machine Learning	FDP	02.05.2020	Santhiram Engineering College, Nandyal
87	Dr. L. Arun Raj	Introduction to Leadership from The Emerging Future	Webinar	02.05.2020	BSACIST
88	Dr. L. Arun Raj	Machine Learning	FDP	02.05.2020	SREC
89	Dr. A.K. Ashfauk Ahamed	Test Your Knowledge on Accreditation	Quiz	03.05.2020	Department of Computer Science, BSACIST
90	Dr. E. Syed Mohamed	How to Use Turnitin Software for Your Research - Turnitin Online on Campus	Webinar	04.05.2020	Guru Nanak Institute of Management Studies, Mumbai
91	Mr. Manoj Kumar D S	Super Session on The Power of a Teacher	Webinar	04.05.2020	ICT Academy
92	Mr. Manoj Kumar D S	Digital Knowledge Series Season 4: The Future of Education, Employment &	Webinar	04.05.2020 - 08.05.2020	ICT Academy

		Entrepreneurship			
93	Mr. Manoj Kumar D S	How to Use Turnitin Software for Research	Webinar	04.05.2020	SGPC's Guru Nanak Institute of Management Studies
94	Dr. A. Ramachandran	Test Your Knowledge on Accreditation	Quiz	04.05.2020	Department of Computer Science, BSACIST
95	Dr. A. Ramachandran	C Programming Quiz	Quiz	04.05.2020	BSACIST Department of CA
96	Dr. A. Ramachandran	The Power of a Teacher	Webinar	04.05.2020	ICT Academy
97	Dr. A. Ramachandran	The Future of Education, Employment & Entrepreneurship	Webinar	04.05.2020 - 08.05.2020	ICT Academy
98	Dr. A.K. Ashfauk Ahamed	Teaching in Digital Era	Webinar	04.05.2020	BSACIST
99	Dr. A.K. Ashfauk Ahamed	C Programming Quiz	Quiz	04.05.2020	Department of Computer Applications, BSACIST

100	Ms. S. Subhashini	Internet of Things	Webinar	04.05.2020	IETE, Mumbai
101	Dr. A.K. Ashfauk Ahamed	Opportunities in E-Commerce	Webinar	05.05.2020	Department of Information Technology, BSACIST
102	Ms. C. Hema	Opportunities in E-Commerce	Webinar	05.05.2020	BSACIST
103	Dr. E. Syed Mohamed	Artificial Intelligence with Mat Lab	Webinar	07.05.2020	BSACIST
104	Ms. S. Subhashini	IBM Think Digital Experience 2020	Webinar	07.05.2020	IBM
105	Dr. X. Arputha Rathina	AI And ML Using Python	FDP	08.05.2020 - 17.05.2020	Finland Labs
106	Ms. S.P. Valli	Online Course on IOT Current Developments	Training	08.05.2020 - 12.05.2020	Bharathidasan University-Bech Rusa 2.0
107	Dr. Sharmila Sankar	Internet of Things - Current Developments	FDP	08.05.2020 - 12.06.2020	Bharathidasan University-Bech Rusa 2.0
108	Dr. E. Syed Mohamed	Ethical Hacking Expert (EHE)	Webinar	14.05.2020	Star Certification

109	Ms. S.P. Valli	India First Leadership Talk Webinar With Prof.D P.Singh	Webinar	09.05.2020	MHRD Innovation Cell
110	Dr. E. Syed Mohamed	Latex Training	Training	15.05.2020 - 17.05.2020	Spoken Tutorial Project, IIT Bombay
111	Dr. S. Revathi	Data Science Using Python	Workshop	11.05.2020 - 16.05.2020	360digitng
112	Dr. E. Syed Mohamed	Big Data Analytics	Webinar	18.05.2020	Star Certification
113	Dr. A. Ramachandran	Season 5 Of Sky campus on the theme the Future Of Skills - Education, Employment & Entrepreneurship	Webinar	11.05.2020 - 15.05.2020	ICT Academy
114	Mr. Manoj Kumar D S	Computer Networking - Digital Network Security	Training	12.05.2020 - 18.05.2020	Alison Certification Team
115	Ms. S. Subhashini	Python	Quiz	12.05.2020	Mahendra Arts & Science College,Namakkal
116	Dr. A.K. Ashfauk Ahamed	Deciphering Health and Wellness	FDP	13.05.2020 - 18.05.2020	Kongunadu Arts and Science College

117	Dr. A.K. Ashfauk Ahamed	HTML	Quiz	13.05.2020	Department of Information Technology, A V C College of Engineering
118	Ms. S. Subhashini	HTML	Quiz	13.05.2020	A V C College of Engineering
119	Mr. Manoj Kumar D S	Ethical Hacking Expert (EHE)	Webinar	14.05.2020	Star Certification
120	Dr. A. Ramachandran	Trending Technologies	FDP	14.05.2020 - 16.05.2020	BSACIST Department of CA
121	Dr. E.Syed Mohamed	Scientific Writing for Journal	Workshop	20.05.2020	Springer Nature
122	Mr. Manoj Kumar D S	Scientific Writing for Journals	Workshop	15.05.2020	Springer Nature
123	Dr. A.K. Ashfauk Ahamed	Research Aptitude	Quiz	15.05.2020	Department of Computer Applications and Information Technology, Kaamadhenu Arts and Science College
124	Dr. Sharmila Sankar	Scientific Writing for Journals	Workshop	15.05.2020	Springer Nature
125	Ms. S.P. Valli	"Effective and Efficient Online Teaching In The	Workshop	16.05.2020	Spoken Tutorial Project, IIT Bombay

		Age Of Corona: A Hands-On Workshop"			
126	Mr. Manoj Kumar D S	Amplify Your Marketing Performance Via Automated Audience Engagement on Whatsapp Business API And Voice AI	Webinar	16.05.2020	ORAI Robotics
127	Dr. A.K. Ashfauk Ahamed	Star Cloud Computing X-Pert: Industry Perspective of Cloud Computing	Webinar	16.05.2020	Star Certification, New Delhi
128	Ms. C. Hema	Knowledge Based Innovative MSME Schemes for Academic Institutions	Webinar	16.05.2020	Mangalam College of Engineering, Kerala
129	Ms. C. Hema	Star Cloud Computing X-Pert Industry Perspective of Cloud Computing	Webinar	16.05.2020	Star Certification
130	Mr. Manoj Kumar D S	Online Learning Pedagogy and Effective Use of Case Methodology	FDP	17.05.2020 - 21.05.2020	ASM's Online Faculty Development Program

131	Dr. S. Revathi	Theory of Computation	FDP	18.05.2020 - 22.05.2020	Velammal Engineering College
132	Ms. J. Brindha Merin	Theory of Computation	FDP	18.05.2020 - 22.05.2020	Velammal Engineering College
133	Dr. A.K. Ashfauk Ahamed	Real Time Product Based Opportunities in New Normal	Webinar	18.05.2020	Department of Computer Applications BSACIST
134	Dr. A.K. Ashfauk Ahamed	Test Your Knowledge on Plagiarism	Quiz	18.05.2020	Office of Dean Research BSACIST
135	Ms. C. Hema	Theory of Computation	FDP	18.05.2020 - 22.06.2020	Velammal Engineering College
136	Ms. R. Akila,	Theory of Computation	FDP	18.05.2020 - 22.05.2020	Velammal Engineering College
137	Dr. A.K.Ashfauk Ahamed	General Quiz	Quiz	20.05.2020	Department of Commerce, Kongunadu Arts and Science College



138	Dr. A.K.Ashfauk Ahamed	National Level Quiz- Internet of Things 2020	Quiz	20.05.2020	Department of Computer Applications, Hindusthan College of Arts and Science
139	Ms. S. Subhashini	Agile Methodology	FDP	20.05.2020 - 22.05.2020	St.Joesph College Of Engineering
140	Dr. L. Arun Raj	Scientific Writing of Journals	Webinar	20.05.2020	Springer Nature
141	Ms. S. Subhashini	Start Up Story: The Journey of First Generation Agri-Tech Entrepreneurs	Webinar	21.05.2020	CIIC, BSACIST
142	Dr. L. Arun Raj	Artificial Intelligence	FDP	22.05.2020 - 26.05.2020	CCET
143	Dr. E. Syed Mohamed	Python Programming	Webinar	23.05.2020	Star Certification
144	Dr. A.K. Ashfauk Ahamed	Various Project Opportunities for DST Funding Strategies on International Cooperation	Webinar	23.05.2020	HR Department, BSACIST

145	Dr. A.K. Ashfauk Ahamed	Health Tips During Covid-19 Pandemic	Webinar	24.05.2020	Department of Computer Science, Kongunadu Arts and Science College
146	Ms. S.P. Valli	Effective and Efficient Online Teaching in The Age of Corona - A Hands On Workshop	Workshop	24.05.2020	Spoken Tutorial Project, IIT Bombay
147	Mr. Manoj Kumar D S	Session on The Theme Change Is the Essence of Life	Webinar	25.05.2020	ICT Academy
148	Mr. Manoj Kumar D S	Impact and Adoption of Devops Post Covid-19	Webinar	25.05.2020	Saveetha Engineering College
149	Dr. E. Syed Mohamed	AI And ML for Business Applications	Webinar	27.05.2020	Star Certification
150	Dr. E. Syed Mohamed	AI X-Pert	Webinar	28.05.2020	Star Certification
151	Dr. A. Ramachandran	Accelerating Industry 4.0 - A Post Covid Paradigm	Webinar	25.05.2020 - 29.05.2020	ICT Academy
152	Dr. L. Arun Raj	Outcome-Based Education and Accreditation	FDP	25.05.2020 - 29.05.2020	LILM

153	Mr. Manoj Kumar D S	Cyber Security	FDP	26.05.2020 - 30.05.2020	Atal Faculty Development Program at JNU
154	Dr. A. Ramachandran	Demystifying AI Algorithms	Webinar	26.05.2020	BSACIST Department of CA
155	Dr. A.K. Ashfauk Ahamed	Machine Learning	FDP	26.05.2020	Department of Computer Applications, Rathinam College of Arts and Science
156	Dr. A. Ramachandran	Deep Learning Onramp	Training	27.05.2020	Mathworks
157	Dr. S. Revathi	Ethical Practices in Engineering	FDP	28.05.2020 - 03.06.2020	Sai Ram Engineering College
158	Dr. E. Syed Mohamed	Understanding Data Analytics with Real-Life Cases	FDP	28.05.2020 - 30.05.2020	St. Joseph's College of Engineering
159	Dr. A. Ramachandran	Artificial Intelligence for Science and Engineering Applications In Matlab	Webinar	29.05.2020	BSACIST Department of CA
160	Dr. A.K. Ashfauk Ahamed	Artificial Intelligence for Science and Engineering Applications in Matlab	Webinar	29.05.2020	BSACIST Department of CA

161	Ms. C. Hema	5 Days Workshop on Python Programming	Workshop	30.05.2020 - 03.06.2020	Velammal Engineering College
162	Dr. X. Arputha Rathina	Embedded Systems and Industrial IOT	Webinar	01.06.2020 - 05.06.2020	Einnel Technologies
163	Ms. S. Subhashini	Star Robotics Xpert	Webinar	01.06.2020	Star Certification
164	Ms. S. Subhashini	Kubernetes Hands-on Workshop Series 2	Workshop	03.06.2020	IBM
165	Dr. A. Ramachandran	Insightful Fridays Of Skycampus Digital Knowledge Webinar Series	Webinar	05.06.2020	ICT Academy
166	Dr. A. Ramachandran	Internet of Things	Quiz	07.06.2020	Sreenivasa Institute of Technology And Management Studies
167	Ms. S. Subhashini	Attributes of A Teacher	Quiz	07.06.2020	Women Christian College, Nagercoil
168	Ms. S. Subhashini	Gesture Recognition	Webinar	08.06.2020	Vardhaman College of Engineering, Hyderabad
169	Dr. Sharmila Sankar	Power of Professional Networking & Volunteering	Webinar	09.06.2020	Central University of Haryana, Mahendergarh
170	Dr. E. Syed Mohamed	Data Sciences	FDP	09.06.2020 - 13.06.2020	AICTE –ATAL, Central University of Kerala

171	Ms. J. Brindha Merin	Industry Integrated Teaching and Mentoring	Webinar	10.06.2020 - 11.06.2020	Department of CSE, BSACIST
172	Mr. Manoj Kumar D S	Industry Integrated Teaching and Mentoring	Webinar	10.06.2020 - 11.06.2020	Department of CSE, BSACIST
173	Mr. V. Balaji	Industry Integrated Teaching and Mentoring	Webinar	10.06.2020 - 11.06.2020	Department of CSE, BSACIST
174	Dr. A. Ramachandran	“Artificial Intelligence: Mlops Technology”	Webinar	10.06.2020	St. Michael College Of Engineering & Technology
175	Dr. E. Syed Mohamed	Industry Integrated Teaching and Mentoring	Webinar	10.06.2020 - 11.06.2020	Department of CSE, BSACIST
176	Dr. A. Ramachandran	Industry Integrated Teaching and Mentoring	Webinar	10.06.2020 - 11.06.2020	Department of CSE, BSACIST
177	Dr. A.K. Ashfauk Ahamed	Industry Integrated Teaching and Mentoring	Webinar	10.06.2020 - 11.06.2020	Department of CSE, BSACIST
178	Ms. S. Subhashini	Artificial Intelligence in Health Care	FDP	11.06.2020	R C Patel Institute of Technology, Shirpur

179	Ms. S. Subhashini	Industry Integrated Teaching and Mentoring	Webinar	10.06.2020 - 11.06.2020	Department of CSE, BSACIST
180	Dr. L. Arun Raj	Industry Integrated Teaching and Mentoring	Webinar	10.06.2020 - 11.06.2020	Department of CSE BSACIST
181	Dr. A.K. Ashfauk Ahamed	Ethical Hacking	Webinar	11.06.2020	Department of Computer Applications, BSACIST
182	Ms. S. Subhashini	Kubernetes Hands-on Workshop Series 3	Workshop	11.06.2020	IBM
183	Mr .Manoj Kumar D S	Challenges of Working from Home-2020	Webinar	12.06.2020	SASC & IQAC, Rai University
184	Ms. J. Brindha Merin	Cyber Forensics and Current Challenges	Webinar	13.06.2020	Department of Information Technology, BSACIST
185	Dr. A.K. Ashfauk Ahamed	Cyber Forensics and Current Challenges	Webinar	13.06.2020	Department of Information Technology, BSACIST
186	Ms. S. Subhashini	National Level Quiz On E-Learning	Quiz	14.06.2020	P V P College Of Engineering, Mumbai

187	Ms. S. Subhashini	Cloud Computing	Webinar	15.06.2020	Ethiraj College for Women
188	Dr. E. Syed Mohamed	Github – Why Learning IT Is Important to Get A Job	Webinar	17.06.2020	BSACIST
190	Dr. E. Syed Mohamed	Start-Up Investing Post – Covid: What Would the Last Man Standing Do?”	Webinar	24.06. 2020	BSACIST
191	Ms. C. Hema	Online Faculty Development Programme	FDP	25.06.2020 - 29.06.2020	Velammal Engineering College
192	C Vijayalakshmi	Introduction to Big data Analytics	FDP	07.08.2019	ICT Academy
193	C Vijayalakshmi	Data Visualization Using Tableau	Webinar	30.04.2020	BrainSwig Edutech Pvt Ltd, Chennai
194	C Vijayalakshmi	C and C++	Workshop	29.02.2020	Teaching Learning Centre (ICT) at IIT Bombay,
195	C Vijayalakshmi	Agile Software Development - An Industry Perspective	FDP	25.06.2020 - 29.06.2020	Department of Information Technology, BSACIST
196	C Vijayalakshmi	International Webinar Series on ‘Emerging Trends In Energy & Healthcare	Webinar	25.06.2020 - 26.06.2020	Annai Hajira Women’s College, Tirunelveli

197	C Vijayalakshmi	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	Webinar	24.04.2020	IoN Idea Engage Excellence
198	C Vijayalakshmi	HTML	Test	24.04.2020	Spoken Tutorial Project, IIT Bombay
199	C Vijayalakshmi	Internet of Things [IoT] Security	Webinar	18.06.2020	Department of Information Technology, BSACIST
200	C Vijayalakshmi	Swachhaatha Action Plan	Workshop	15.06.2020	BSACIST
201	C Vijayalakshmi	Introduction to AI and ML	Webinar	15.04.2020	ICT Academy
202	C Vijayalakshmi	Industry Integrated Teaching and Mentoring (IIT -IIM)	Webinar	10.06.2020 - 11.06.2020	Department of Computer Science and Engineering, BSACIST



203	C Vijayalakshmi	Future of AI inspired by Customer Use Cases for AI-ML	Webinar	09.04.2020	ICT Academy
204	C Vijayalakshmi	R	FDP	08.01.2020 - 8.04.2020	Spoken Tutorial Project, IIT Bombay
205	C Vijayalakshmi	PHP and MYSQL	FDP	08.01.2020 - 05.05.2020	Spoken Tutorial Project, IIT Bombay
206	C Vijayalakshmi	The Power of a Teacher	Webinar	04.05.2020	ICT Academy
207	Dr E. Syed Mohamed	5th International Conference on Mathematical Applications in Engineering (ICMAE'19)	Research	30.10.2019 - 31.10.2019	Kulliyyah of Engineering, International Islamic University (IIUM), Malaysia
208	Dr A. Ramachandran	Author Workshop	Workshop	30.06.2019	BSACIST
209	Mr Manoj Kumar D S	Cyber Crime, Cyber Security and Digital Forensics	FDP	05.12.2019- 06.12.2019	SRM Institute of Science and Technology
210	Mrs. C.Hema	Big Data Analytics for Business Intelligence	FDP	16.12.2019 - 21.12.2019	BSACIST
211	Dr A. Ramachandran	Big Data Analytics for Business Intelligence	FDP	16.12.2019 - 21.12.2019	BSACIST

212	Dr A. Ramachandran	Online Course-Hadoop	FDP	24.12.2019	BSACIST
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### 7. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2018-June 2019)

National Conference		International Conference		National Journal		International Journal		Total
with ISBN	Others	with ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	20	3	-	-	22	2	47

### 8. Details Of Publication In National & International Journals & Conferences: (IEEE Format)

#### A. International Journal& National Journal

- a) SCI/Scopus Indexed Journal : 22
- b) Other journals : 2

#### Journal Publications

1. D. Menega and S.Revathi, "An empirical study of cancer classification techniques based on the neural networks" Biomedical Engineering: Applications, Basis and Communications, Vol. 32, No. 2, 2020 [Scopus Indexed]

2. Niha Kamal Basha, Aisha Banu Wahab, “Single Channel EEG Signal for Automatic Detection of Absence Seizure using Convolutional Neural Network”, Recent Advances in Computer Science and Communications, DOI : 10.2174/2666255813666191122114608, 2020. [Scopus Indexed]
3. Balamanigandan R, Ramachandran A, Jeejo Vetharaj, S. John Justin Thangaraj, ““Artificial Intelligence Empowered CT Image Processing for Covid-19 Diagnosis”, International Journal of Advanced Science and Technology, Vol. 29, No. 7s, (2020), pp. 4649 – 4652, July 2020.
4. Azka, S.Revathi , “Ransomware Protection in IoT Using Software Defined Networking”, International Journal of Electrical and Computer Engineering (IJECE),Vol, 10, No. 3, pp. 3166-3175, <http://doi.org/10.11591/ijece.v10i3.pp3166-3175>, June 2020.[Scopus Indexed]
5. Nabeena Ameen, Najumnissa Jamal, Arun Raj, “Optimized dual path analysis using finite automata theory in wireless sensor networks”, International Journal of Intelligent Unmanned Systems, DOI: 10.1108/IJIUS-11-2019-0060 May 2020. [Scopus Indexed]
6. C.Hema, Dr.Sharmila Sankar, Dr.Sandhya, “Tag count based priority scheduling algorithm for mitigating the RFID collisions” , Indonesian Journal of Electrical Engineering and Computer Science, DOI: 10.11591/ijeecs.v18.i1.pp434-442 ,April, 2020. [Scopus Indexed]
7. Azka, S.Revathi, “DDoS Detection and Alleviation in IoT using SDN(SDIoT-DDoS-DA)”, Journal of The Institution of Engineers, <https://doi.org/10.1007/s40031-020-00442-z>, April, 2020.[Scopus Indexed]
8. Manoj Kumar D S; S. Venkatesan; A Ramachandran, “Flexible Data Access Control using Attribute-Based Encryption and Proxy Re-Encryption in Cloud Computing”, Journal of Computer Based Parallel Programming, ISSN 2582-2179, Vol. 5, No.1, pp.24-28, April 2020.
9. Dinesh Kumar K, Senthil P, Manoj Kumar D.S, “Educational Certificate Verification System Using Blockchain”, International Journal of Scientific & Technology Research, ISSN 2277-8616, Vol.9, No. 3, pp.82-85, March 2020. [Scopus Indexed]
- 10.K. Vijayalakshmi & E. Syed Mohamed, “Case Study: Extenuation of XSS Attacks through Various Detecting and Defending Techniques”, Journal of Applied Security Research, March 2020, <https://doi.org/10.1080/19361610.2020.1735283>. [Scopus Indexed]

11. Syed Thouheed Ahmed, M Sandhya, Sharmila Sankar, “Telmed: Dynamic User Clustering Resource Allocation Technique For Moom Datasets Under Optimizing Telemedicine Network”, wireless personal communications,16/01/2020. [Scopus Indexed]
12. Dinesh Kumar K, Manoj Kumar D.S, Anandh R, “Blockchain Technology In Food Supply Chain Security”, International Journal of Scientific & Technology Research, Vol.9, No.1, ISSN 2277-8616, January 2020. [Scopus Indexed]
13. Zulfia Afreen M.A, Ramachandran A., “Study of Image Processing, Recognition and Computer Vision Algorithms”, International Journal of Scientific & Technology Research, Vol.9, No.1, January 2020. [Scopus Indexed]
14. Iswaryah G., Ramachandran A., “Information Hiding Using QR Code”, International Journal of Scientific & Technology Research, Vol 9, No.1, PP. 1596 – 1598, January 2020. [Scopus Indexed]
15. Sharukh Rahman S., Ramachandran A., “Study of Decentralized Networks”, International Journal of Scientific & Technology Research, Vol 9, Issue 01, PP. 3170 – 3172. [Scopus Indexed], January 2020.
16. Narayani Raman, Aisha Banu W, “Fairness based Heuristic Workflow scheduling and placement in Cloud Computing”, International Journal of Vehicle Information and Communication Systems, December 2019. [Scopus Indexed]
17. Niha Kamal Basha, Aisha Banu Wahab, “Automatic absence seizure detection and early detection system using CRNN-SVM”, International Journal of Reasoning-based Intelligent Systems, November 2019. [Scopus Indexed]
18. Madhina Banu, Aranganathan, “Effective utilisation of cloud data centre and allocating user demands to virtual machines using LMRO algorithm”, International Journal of Vehicle Information and Communication Systems, November, 2019. [Scopus Indexed]
19. Dinesh Kumar K, Komathy K, Manoj Kumar D S, “Block Chain Technologies In Financial Sectors And Industries”, International Journal of Scientific & Technology Research, Vol.8, No.11, ISSN 2277-8616, November 2019. [Scopus Indexed]
20. Nabeena, Najumnissa Jamal, L.Arun Raj, “Comparative analysis of energy based optimized dynamic source multipath routing protocol in WSNs”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 16, No. 1, ISSN 2502-4752, October 2019. [Scopus Indexed]

21. Arunraj optimized Routing Protocols for Data Monitoring in Wireless Sensor Network, Vol-8, No-3 – International Journal of Recent Technology and Engineering, ISSN/ISBN No. 2277-3878, Scopus, September 2019. [Scopus Indexed]
22. Madhina Banu, Aranganathan, “Mutual Profit Increment for Cloud User and Resource Providers Efficient Resource Utilization Auction Method in Cloud Computing”, International Journal of Intelligent Engineering and Systems, August 2019. [Scopus Indexed]
23. J.Jegan, S.Siva Kumar, A.Ramachandran, S.Md.Shafiullah, “An Efficient Leader Node selection for Movable Nodes in WSN using PSO Approach”, International Journal of Engineering and Advanced Technology, Vol 8, No. 6, PP. 5072 – 5078, August 2019. [Scopus Indexed]
24. Syed Thouheed Ahmed, M Sandhya, Sharmila Sankar, “A Dynamic MooM Dataset Processing Under TeIMED Protocol Design for QoS Improvisation of Telemedicine Environment”, Journal of medical systems, Vol.43, No.8, pp.257, August 2019.

#### **B. International Conference & National Conference**

- a) Conference with ISBN Proceedings : 20
- b) Other Conferences : 3

#### **Conferences:**

1. R.Akila, S.Revathi, G.Shree Devi, “Opinion Mining on Food Services using Topic Modeling and Machine Learning Algorithms”, IEEE, International Conference on Advanced Computing and Communication Systems (ICACCS), ISBN: 978-1-7281-5197-7, DOI: 10.1109/ICACCS48705.2020.9074428, April 2020.
2. Brindha Merin, W. Aisha Banu, “Discovering Web Services By Matching Semantic Relationships Through Ontology”, IEEE, International Conference on Advanced Computing and Communication Systems (ICACCS), ISBN: 978-1-7281-5197-7, DOI: 10.1109/ICACCS48705.2020.9074364, April 2020.

3. N.Sabiyath Fatima, D.Steffy, D. Stella, S.Nandhini Devi, "Enhanced Performance of Android Application using Recycler View ", springer -3rd International Conference On Advanced Computing & Intelligent Engineering, Proc. Advances in Intelligent Systems and Computing (AISC) series of Springer, ISSN 2194-5365 ISBN 978-981-15-1483-8,pp.189-200, Volume 1089, 2020.
4. Regina, S.Revathi, "Machine Learning Algorithms for predicting stock market daily returns", International Conference on Research advancement and challenges in Engineering Sciences, (ICRACE'20), 6th – 7th March 2020.
5. Syed Thouheed Ahmed, Sharmila Sankar,"Investigative Protocol Design of Layer Optimized Image Compression in Telemedicine Environment", Precedia Computer Science, Elsevier, Volume 167, 2020, Pages 2617-2622, <https://doi.org/10.1016/j.procs.2020.03.323>.
6. A.Ramachandran, "An Effective Median Filtering for Impulse Noise Erection and Destruction In Image" Algorithms for Intelligent Systems, ISSN: 2524-7565, Lecture Notes on Springer AIS Series, 2020.
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8. Syed Javeed Pasha,E.Syed Mohamed, Syed Javeed Pasha,E.Syed Mohamed, Ensemble Gain Ratio Feature Selection (EGFS) Model with Machine Learning and Data Mining Algorithms for Disease Risk Prediction, IEEE, 9th June 2020, INSPEC Accession Number: 19675462DOI: 10.1109/ICICT48043.2020.9112406.
9. J.Brindha Merin, Dr. W. Aisha Banu, Linking of Web Services and Recommendation Based on User Profile, International Conference on Research Advancements & Challenges in Engineering Sciences (ICRACE'20), March 6-7, 2020.
- 10.R.Akila, S.Revathi, G.Shree Devi, Text Mining Of User Reviews To Predict Sentiment Using Machine Learning, International Conference on Research Advancements & Challenges in Engineering Sciences (ICRACE'20), March 6-7, 2020.
- 11.A.Radhika, Dr. Syed Masood, Comparison & Evaluation of Effective Data mining Techniques for Crop Yield Prediction, International Conference on Research Advancements & Challenges in Engineering Sciences (ICRACE'20), March 6-7, 2020.

12. S. Monisha ; R. Meera ; Vijay Swaminath R. ; Arun Raj L, “Predictive Analytics of Student Stress level using Naive Bayesian Classification Algorithm”, International Conference on computer communication and Informatics, IEEE, ISBN: 978-1-7281-4514-3, DOI: 10.1109/ICCCI48352.2020.9104113, January 2020.
13. X Arputha Rathina, M Ponnaivaikko & K M Mehata and M S Kavitha, Analysis of User’s Behavior Using Markov Model © Springer Nature Singapore Pte Ltd. 2019, J. C. Bansal et al. (eds.), *Soft Computing for Problem Solving*, Advances in Intelligent Systems and Computing 817, [https://doi.org/10.1007/978-981-13-1595-4\\_32](https://doi.org/10.1007/978-981-13-1595-4_32).
14. Azka and S.Revathi, “A software Defined Networking Model for ensuring end-to-end security in IoT(SDN-SIoT)”, ICKSSD, Guru Gobind Singh Indraprastha University, Delhi, 2019.
15. Saravanan and Arun Raj, Survey on Crime Analysis and Prediction Using Data Mining and Machine Learning Techniques, 2nd International Conference on Power Engineering Computing and CONTROL - PECCON 2019, Chennai, December 2019.
16. Ramachandran A., An Effective Median Filtering for Impulse Noise Erection and Destruction In Image, International Conference on Information Management & machine Intelligence (ICIMMI – 2019), at Poornima Institute of Engineering & Technology, Jaipur, Rajasthan, December 14-15, 2019.
17. Akila.R, Shree devi.G, Revathi S., Opinion mining on McDonald’s services, International Conference on Emerging Trends in Engineering, Science and Technical Education, December 2019.
18. J. Brindha Merin, W. Aisha Banu, S.Mohamed Owais, Discovering web services by matching semantic relationships through ontology, International Conference on Emerging Trends in Engineering, Science and Technical Education, December 2019.
19. R.Akila, J.Brindhamerin, Vishal R.K, Vishal Krishnan S H, Prediction of Juvenile Delinquencies in correlation with Education, International Conference on Emerging Trends in Engineering, Science and Technical Education, December 2019.
20. Arun Raj.L , Survey on Utilization of Internet of Things in Health Monitoring Systems, 2nd International Conference on Computer Networks, Big Data and IoT – ICCBI 2019, Madurai, December 2019.

21. Ashok Kumar and Arun Raj, Efficient Text Based Image Retrieval Using Natural Language Processing (NLP) Techniques, International Symposium on Computational Intelligence (ISCI-2k19), November 2019.
22. Arun Raj.L, A survey on healthcare monitoring system using Smart technology, international conference on computing communication and electrical technologies, Hyderabad, August 2019.
23. Ramachandran A., An Efficient Leader Node selection for Movable Nodes in WSN using PSO Approach, International Conference on Computational Modeling, Simulation and Optimization (ICCMSO-2019), at National University Singapore, June 27-29, 2019.

### 9. Details of Impact Factor Of The Publication and H-Index

A) Range: 0.1 - 0.46

B) Average: 0.2

C) H-Index : 9

D) No. In Scopus : 22

### 10. Sponsored Research (Ongoing / Applied)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount (Rs.)				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2018-19	Balance available	
1	Dr. E. Syed Mohamed	SERB	Cellular Automata Models for	12,48,000	-	-	-	Ongoing



			Propagation of Tsunami Waves					
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### 11. Book Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	\$		
1	Dr.L.Arun Raj	Utilizing Educational Data Mining Techniques for Improved Learning pp.35-55	-	-	IGI Global	-

### 12. Patents

S.No	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1.	Artificial Intelligence based Pest Control System for Agricultural Crops	-	Published	-	-
2.	Online system for E-farming	Filed	-	-	-
3.	Device for Connecting Computer	-	Published	-	-

### 13. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Ashwin kumar S	170071601008	IBM AI Analyst Mastery Award & Explorer Award   Best Supporting President - Group 8	International Business Machines (IBM) Asia Pacific Skills   District Rotaract Council RID 3232	July, 2020
2.	Manashri Raja	170071601070	ML Prediction and analytics Hackthon 2nd prize -Team of 4	Artistic (TactLabs) - Big Data Boss	July, 2020
3.	Pooja R	170071601025	Artificial intelligence analyst award	IBM	July, 2020
4.	Mohamed Fazil	170071601076	Internship certificate	The Spark Foundation	July, 2020
5.	Roobesh Balaji	170071601033	IBM AI Analyst 2019 Mastery	IBM	July, 2020
6.	Roobesh Balaji	170071601033	IBM AI Analyst 2019 Mastery	IBM	July, 2020

7.	Chinthala DivyaSri	180071601069	Training course for HTML, CSS and JS	Bolt lot	July, 2020
8.	Sri Ram S	180071601039	Smart India hackathon finalist	MHRD (central government)	July, 2020
9.	Mohamed Akil Asfer M	180071601017	Finalist in Smart India Hackathon	MHRD-Central Government	July, 2020
10.	K Fahima Sanobar Shalin	180071601082	Designated as Literary Colonel	Story Mirror	July, 2020
11.	K Fahima Sanobar Shalin	180071601082	Award for participation in Yes, I write	Story mirror	July, 2020
12.	Mohamed Irfan P	180071601109	Participated in Paper Presentation	Advitha	July, 2020
13.	Afsal Mohamed	170071601056	Senior broker	Faccorshop	June, 2020
14.	Fatema-Tus-Sugra Zuzer Lokat	170071601013	IBM Explorer Award & IBM Mastery Award	IBM certified AI analyst award.	June, 2020 & July, 2020
15.	K Fahima Sanobar Shalin	180071601082	First place for paper presentation	Elevate-Sairam engineering college	June, 2020
16.	Mohamed Shaik Sultan M S	170071601024	Machine learning hackathon 2nd prize	Big databoss tact labs	June 29, 2020
17.	Vishwanath	180071901175	E-certification	Coursera	June, 2020

18.	K Fahima Sanobar Shalin	180071601082	First place for paper presentation	Elevate- Sai ram engineering college	June, 2020
19.	K Fahima Sanobar Shalin	180071601082	Participated in one day workshop on Swatchtha action plan	BSACIST	June, 2020
20.	K Fahima Sanobar Shalin	180071601082	Certificate of appreciation for participating in World environment day quiz	BSACIST	June, 2020
21.	Cibhi	170071601010	Artificial Intelligence Analyst - Explorer Award	IBM	June, 2020
22.	K Fahima Sanobar Shalin	180071601082	Participation in Twisted tales	Crescent Literary Society	June, 2020
23.	K Fahima Sanobar Shalin	180071601082	First place in Digital poster making contest (Technowhiz)	National Women's Front , South Chennai	June, 2020
24.	Vishwanath	180071901175	Online certification	Coursera	June, 2020
25.	Mohamed Irfan P	180071601109	Awarded the best campus ambassador	Sri Sairam Engineering College	June, 2020
26.	Mohamed Irfan P	180071601109	First place in Elevate Paper Presentation	Sri Sairam Engineering	June, 2020

				College	
27.	Mohamed Irfan P	180071601109	Designated Literary Colonel	Story Mirror.	May, 2020
28.	Mohamed Irfan P	180071601109	Participated in one day workshop on swatchtha action plan	BSACIST	May, 2020
29.	Hashim Irfan Ali M	170071601016	Fizday hosted a "Best Quarantine Designer Award" (7 DAYS DESIGN CHALLENGE), selected among the Top 10 Winner	Fizday- Fizday is a community for anyone who designs. Designers Learn Share, &Build Career for Designers by Designers	April/May, 2020
30.	Adithya M	180071601004	Won SIH State level Hackathon and selected to Nationals	SIH ( Govt of India)	May, 2020
31.	Adithya M	180071601004	Completed an Internship as RPA at G1 company	-	-
32.	Adithya M	180071601004	Completed AI and ML online course	-	-
33.	Mohamed Irfan P	180071601109	Awarded for excellent performance in COVID 19 quiz	SLS, BSACIST	May, 2020

34.	K Fahima Sanobar Shalin	180071601082	Internship on Web development	Ifelse technologies	May, 2020
35.	Mohamed Irfan P	180071601109	Completed Summer Internship	Ifelse Technology	June, 2020
36.	Preethi K	170071601029	AI Analyst Mastery Award (93%)	IBM	July, 2020
37.	Preethi K	170071601029	1.Javelin Throw(3rd prize),	BSACIST	March, 2020
38.	Mohamed Irfan P	180071601109	1st Place in Paper presentation	Tagore Engineering College	6th March, 2020
39.	Mohamed Irfan P	180071601109	1st Place in IPL auction	Tagore Engineering College	March, 2020
40.	M. Mohamed Arif	180071601106	1st Place in Paper Presentation	Tagore Engineering College	March, 2020
41.	Mohamed Irfan P	180071601109	3rd place for Zapdos	St Joseph College of Engineering	March, 2020
42.	Mohammad Mujahidulislam	170071601081	Campus Ambassador internship	IIM Ahmedabad	March, 2020
43.	N.Visvas	180071601172	Participation Certificate/4th place	Crescent Android Club/ Quiz	February, 2020
44.	K Fahima Sanobar	180071601082	Ambassador for 'yes I write'	Story mirror	February, 2020

	Shalin				
45.	Shivamani A	170071601041	Internship and Implant training	DLK Technologies	December, 2019
46.	Riyasdeen J	160071601197	Vaa Thozha - short film got runner up in state level	Elixir 2k19	October, 2019
47.	Sidharth Panda	180071601157	Selected for IGC-VSC ( NCC) Inter group competition -vayu sainik camp ( National cadet core)	Indian air Force/ Thanjavur.	October, 2019
48.	Mohamed Irfan P	180071601109	Paper Presentation – 3 <sup>rd</sup> position	Tagore Engineering College	September, 2019
49.	K Fahima Sanobar Shalin	180071601082	First place in Creative Writing (AICE)	Crescent Islamic Cultural Society	August, 2019
50.	Nasira Almas. M	180071601027	NSS 7 days special camp "Youth for Sustainable Development"	National Service Scheme	July, 2019
51.	S.Aneesha	180071601063	Swachh Bharat Mission Participation Certificate	National Service Scheme	July, 2019
52.	S.Aneesha	180071601063	NSS 7 days special camp "Youth for Sustainable Development "	National Service Scheme	July, 2019

53.	Mohammed suhail.A	180071601023	Swachh Bharat Mission Participation Certificate	National Sevice Scheme	July, 2019
54.	Mohammed suhail.A	180071601023	NSS 7 days special camp - "Youth for Sustainable - Development"	National Sevice Scheme	July, 2019
55.	J.Sujitha	180071601041	Swachh Bharat Mission Participation Certificate	National Sevice Scheme	July, 2019
56.	J.Sujitha	180071601041	NSS 7 days special camp - "Youth for Sustainable - Development"	National Sevice Scheme	July, 2019
57.	Mohamed Irfan P	180071601109	Completed NPTEL course on Software Engineer with Silver medal	NPTEL	July, 2019
58.	Dharshika	180071601011	Swachh Bharat Mission Participation Certificate	National Sevice Scheme	July, 2019
59.	Dharshika	180071601011	NSS 7 days special camp- "Youth for Sustainable - Development"	National Sevice Scheme	July, 2019
60.	Nasira Almas. M	180071601027	Swachh Bharath Mission - Participation Certificate	National Service Scheme	July, 2019
61.	Mohamed Irfan P	180071601109	Online course on social	University of	July, 2019



			psychology	Wesleyan, United States.	
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#### 14. Developmental Activities

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	IIT Spoken Tutorial	June to Dec 2019	628	Offering value added courses in cutting edge areas for the benefit of students.	Students learnt the FOSS in their respective subject. They got certificate on completion of the exam, which is a prerequisite for placement in few MNC's.

#### 15. Industry / Institute Collaboration

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1.	IBM India Pvt. Ltd.	IBM Career Education Program	April, 2017	Ongoing		<ul style="list-style-type: none"> <li>Study Innovative curriculum jointly developed with IBM based on the skill requirements by various organizations across the world.</li> </ul>

					<ul style="list-style-type: none"> <li>• Learn from Industry Faculty by IBM who will teach using Live Industry cases.</li> <li>• Use Licensed IBM software tools for training as part of the program (for education purposes)</li> <li>• Courseware Books and material for each student from IBM.</li> <li>• Co-Branded Certificate on successful completion of the course by the institute &amp; IBM.</li> <li>• Improving prospects for a global career with best of the companies.</li> </ul>
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### 16. Professional Society Activities

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Students	Others			
1	ACM student chapter	Inauguration of CSE & ACM student chapter	25	457	-	Mr. Muhammed Issam Siddique, Vice President, Sale & Marketing HAL Simplify.	To expose on Emerging Technologies	An alumni of 2003 batch student Mr. Muhammed Issam Siddique, Interacted with CSE students and gave them career

								guidance on 6 <sup>th</sup> August 2019.
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### 17. Extension Activity Conducted

S.No	Type of extension activity	Details of Participants			Details of Beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1	NSS 7 days special camp	-	6	-	Youth for sustainable development	25.07.2019 - 31.07.2019	Getting to know the youth sustainable development goals

### 18. Important Visitors

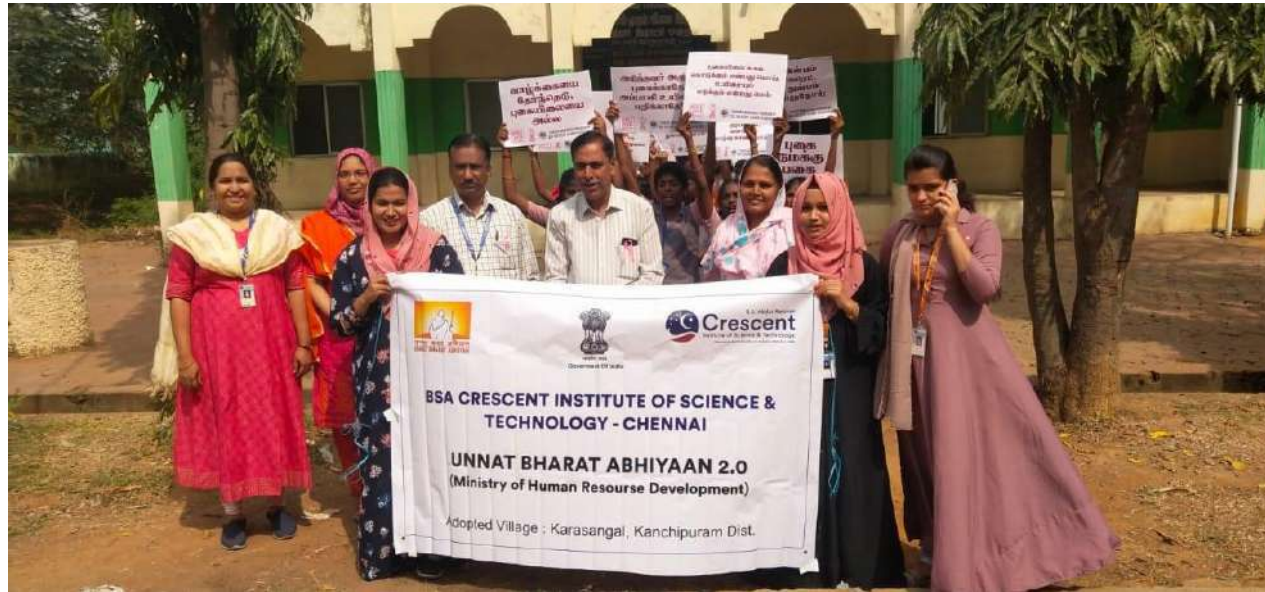
S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1.	Mr. Shaik Dawood,	Delivery Manager, SUTHERLAND	Seminar on Communication & Personality Development on August 29th 2019	Delivered a lecture on Communication & Personality Development
2.	Mr. Muhammed issam	Vice president,	Inauguration of CSE & ACM	To expose on emerging

	siddique	Sale & Marketing HAL Simplify.	student chapter on 6 <sup>th</sup> August 2019	technologies
3.	Mr.Kathiravan Abranathan & Mr.Nithi Sivaguru	Executive Director & ScotsHunt UK Ltd & ScotsGrad.	Seminar on the Opportunities for Higher Education in UK March 12th , 2020	To share knowledge on the educational avenues in UK
4.	Mr. M.Arvind kumar	Head,Content Development Team	Seminar on The Importance Of Skills And Abilities on March 13 th, 2020	To convert young minds into thinkers and innovators
5.	Mr. Nagendra Nyamgondalu	IBM Collaboration	Faculty training	20 faculties were trained on IBM design thinking, Agile software development and Devops.
6.	Mr.Joel A George	IBM Collaboration	Mentor session	Guided the students to get to know about the industry requirements in AI field and how to upgrade the skills
7.	Mr.Logesh Vincent	IBM Collaboration	Board of studies meeting	Updated the curriculum and syllabus based on industry requirements
8.	Mr.Anil Kumar Tenneti	IBM Collaboration	Industry session	Students came to know the opportunities and industry use cases in Big data analytics field

9.	Ms.Surya	IBM Collaboration	Students training	Trained on C and IBM Business Intelligence tool
10.	Ms.Dava priya	IBM Collaboration	Students training	Trained on Java programming
11.	Ms.Kavi Bharathi	IBM Collaboration	Students training	Trained on IBM Watson Chat bots
12.	Ms.Arcchana	IBM Collaboration	Students training	Trained on AI analyst
13.	Mr.Jaivik Panchal	IBM Collaboration	Students training	Trained on Predictive modeling using IBM SPSS Modeller tool
14.	Mr.Vishnu	IBM Collaboration	Students training	Trained on Data Visualization
15.	Ms.Sheetal Soni	IBM Collaboration	(Country Channel Manager ) To check out IBM collaboration services	Monitored and discussed for upgradation

### 19. Any Other Information

- On world cancer day (04.02.2020). As a part of this we conducted an awareness programme for the women in the Karasangal Village adopted under the UBA programme. We also went on a rally with the students of the high school in karasangal and distributed pamphlets on cancer awareness given by the Adyar Cancer institute. We choose to do it for women because they feel shy to come out with health issues especially when it comes to breast cancer. The happiest part of the whole event was two women came forward to tell us they have symptoms and they need further treatment. One of our Alumni came forward to provide them with facilities to visit the Adyar Cancer Institute for further treatment.



The event was conducted in association with the Alumni Association.



- On April 21, 2020, The UBA team of B S Abdur Rahman Crescent Institute of Science and Technology in association with the Crescent Alumni Association distributed provisions to the needy in the Karasangal village. More than 50 families who are dependent on their daily wages for their livelihood benefitted. I thank the association President Mr. Seshadrinathan and our coordinator Dr. Raja Hussain for their support. Thank our student volunteer Ms. Sneha for her efforts. This village is assigned to CSE dept and she is our second year student.



- The Department of Computer Science and Engineering has organized TALENT HUNT 2019 on 25<sup>th</sup> September, 2019.





- The Department of Computer Science and Engineering has organized the Inauguration of Computer Science and Engineering Association and ACM Student Chapter on 6<sup>th</sup> August 2019.



- The Department of Computer Science & Engineering has organized a Seminar on the Importance of Skills and Abilities conducted on 13.03.2020.



- The Department of Computer Science & Engineering in collaboration with Centre for International Relations has organized a Seminar on “Opportunities for Higher Education in UK” on 12.03.2020.



- The Department of Computer Science & Engineering in collaboration with BrainSwig Eductech Pvt.Ltd has organized Webinar on Data Visualization using Tableau conducted on April 30<sup>th</sup>, 2020, Data Visualization using Tableau Webinar Brochure.



- The Department of Computer Science & Engineering in collaboration with BrainSwig Eductech Pvt.Ltd has organized Webinar on Advanced Business Analytics Using R conducted on April 28<sup>th</sup>, 2020.



- The Department of Computer Science & Engineering in collaboration with BrainSwig Eductech Pvt.Ltd has organized a Webinar on Machine Learning using Python on May 1<sup>st</sup>, 2020.



- The Department of Computer Science & Engineering has organized Online Quiz on Test Your Knowledge in ISO conducted on May 29<sup>th</sup>, 2020.



- The Department of Computer Science & Engineering has organized webinar on Fields Going to Rule the Future conducted on May 23<sup>st</sup>, 2020.

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 on 23<sup>rd</sup> May 2020, Saturday at 2:30 PM **LIVE SESSION**

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 Dr. A.K. Ashfaqi Ahamed  
 Mr. Manoj Kumar D S

**CONVENERS**  
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 Professor & Head, CSE  
 Dr.Venkatesan Selvam  
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- The Department of Computer Science & Engineering has organized webinar on Introduction to Data Science conducted on May 21<sup>st</sup>, 2020.

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**SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES**

**Webinar on**  
**Introduction to Data Science**  
 on 21 May 2020, Thursday from 2:00 PM to 3:00 PM  
 Organised by  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
 IN ASSOCIATION WITH

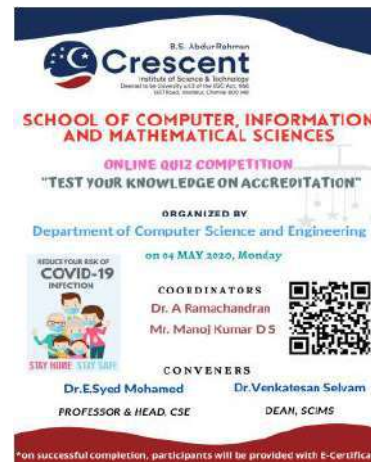
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**Resource Person**  
 Mr. Bharani Kumar Desura  
 Director, InnoDelta, INC, USA

**Coordinators**  
 Dr. S. Revathi  
 Dr. Sabitha Jotima

**Conveners**  
 Dr. E. Syed Mohamed  
 PROFESSOR & HEAD, CSE  
 Dr. Venkatesan Selvam  
 DEAN, SCIMS

- The Department of Computer Science & Engineering has organized Online Quiz on Test Your Knowledge on Accreditation conducted on May 29<sup>th</sup>, 2020.



- The Department of Computer Science & Engineering has organized Online Event on INTELLECT 2K20 conducted from May 5<sup>th</sup>, 2020 to May 27<sup>th</sup>, 2020.



- The Department of Computer Science & Engineering has organized Webinar on “Data Science, Artificial Intelligence and IOT”: The New Normal conducted on June 26<sup>th</sup>, 2020.

**live webinar** Crescent Institute of Science & Technology  
 SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
 "Data Science, Artificial Intelligence and IOT: The New Normal"  
 SPEAKER: MR. INTYAZ SHERIFF, DIRECTOR, IDEASSION TECHNOLOGY SOLUTIONS  
 CONVENERS: Dr. E.Syed Mohamed (Professor & Head of the Department of Computer Science and Engineering), Dr. Venkatesan Selvam (Dean of School of Computer, Information and Mathematical Sciences)  
 COORDINATORS: Mrs. Chenna (Assistant Professor Sr. Gr.), Mrs. Madhina Banu (Assistant Professor Sr. Gr.), Mr. V.Balaji (Assistant Professor)  
 on 26 June 2020, Friday, 11:00am to 12:30 pm (IST)  
 REGISTER AT: <https://qrco.page.link/geiq>  
 Free registration E-certification will be issued to all Participants  
 SCAN HERE

- The Department of Computer Science & Engineering has organized STTP on 5 L 5D Student Development Training conducted from June 15<sup>st</sup>, 2020 to June 19<sup>th</sup>, 2020.

School of Computer, Information and Mathematical Sciences Crescent Institute of Science & Technology  
 Department of Computer Science and Engineering  
 Student Development Training Programme (SDTP)  
 Resource Persons: Dr. A. Ramachandran, Ms. Madhina Banu, Mr. Manoj Kumar D S, Ms. C. Hema, Ms. C. Vijayalakshmi  
 5 Languages, 5 Days, 15.06.2020 to 19.06.2020  
 Session Timings: Session 1: 11:00 AM - 11:50 AM (20 Mins - Break), Session 2: 12:10 PM - 1:00 PM  
 \*No Registration Fee  
 Exclusively for +2 Completed and Diploma Students  
 On Successful Completion Students will get E-Certificate  
 COORDINATORS: Dr. A. Ramachandran, Mr. S. Syed Abdul Syed, Dr. L. Arun Raj  
 CONVENERS: Dr. E. Syed Mohamed (Professor & Head, CSE), Dr. Venkatesan Selvam (Dean, SCIMS)  
 Stay HOME Stay Safe

## DEPARTMENT OF INFORMATION TECHNOLOGY

### 1. Value Added Programmes Started

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	C & CPP	July-Nov2019	45	Spoken Tutorial-IIT Bombay	59	-	-
2.	Java	July - Nov 2019	45	Spoken Tutorial-IIT Bombay	56	-	-
3.	Python	July - Nov 2019	45	Spoken Tutorial-IIT Bombay	38	-	-
4.	Java	July - Nov 2019	45	Spoken Tutorial-IIT Bombay	47	-	-
5.	Certificate course in Android Application Development	Sep - Dec 2019	45	Sirpi Software Pvt Ltd	11	-	-
6.	Cloud Computing and Distributed Systems	Jan - April 2020	45	NPTEL Swayam	36	-	-



7.	Python	Jan - April 2020	45	Spoken Tutorial-IIT Bombay	57		
8.	PHP & MySQL	Jan - April 2020	45	Spoken Tutorial-IIT Bombay	56	-	-
9.	Java Business Application	Jan - April 2020	45	Spoken Tutorial-IIT Bombay	38	-	-
10.	PHP & MySQL	Jan - April 2020	45	Spoken Tutorial-IIT Bombay	38	-	-
11.	Red Hat Certified System Administrator	Mar - May 2020 (Not completed due to Lock Down)	45	Red Hat Academy (Local Partner: AdvantagePro)	20	2	2
12.	Certificate course in Android Application Development	Mar - May 2020 (Not completed due to Lock Down)	45	Sirpi Software Pvt Ltd	19	1	-
13.	Introduction to Industrial IoT	Jan - April 2020	60	Swayam , Nptel	11	-	-

## 2. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	IonCudos - OBE Software Platform	12.09.2019-03.09.2019	14	Ion Idea, Bengaluru	-	12	-
2.	Computer Awareness Training Program (Level I) to the Police Personnel from TNPA	21.10.2019-29.10.2019	36	Tamil Nadu Police Academy	-	-	28
3.	Short Term Training Programme on "Big Data Analytics for Business Intelligence"	16.12.2019-21.12.2019	36	IBM	10	5	2
4.	Computer Awareness Training Program (Level II) to the Police Personnel from TNPA	25.11.2019-06.03.2020	3 months	Tamil Nadu Police Academy	-	-	19

5.	Short Term Training Programme on “Ethical Hacking & Cyber Security”	11.3.2020-13.3.2020	18	ICT Academy	40	-	-
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3. Details of Field visits organized by the department:

Sl. No	Participant Details				Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	No. of Students	Name of accompanied faculty				
1	B.Tech, IT	V	38	Dr. I. Sathik Ali, Dr. Latha	Bioscience Research Foundation, Chennai	26.09.2019	To know about the opportunities for IT engineers in Biotechnology domain	yes
2.	M.Tech, IT	III	2	Tamilselvan, Dr. G. Kavitha, Dr.P.Latchoumy Dr.R.Priyadarshini Mr. N. Rajendran				

#### 4. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	Data Science and its Opportunities in IT Industries	Seminar	05.08.2019	--	Mr. K. Mohammed Rafi, Senior Vice President, Pathfinder Global FZCO, Chennai.	6	56	--	--
2.	Future IT Technologies	Seminar	06.08.2019	--	Dr. Mohamed Ibrahim, Senior Network Consultant, Diyar United Company, Abudhabi, UAE & Founder, ITEXpertTraining (ITET), India & UAE	14	45	-	-
3.	Start your coding journey – Programming for Beginners	Workshop	31.08.2019	--	Mr. Alaudin Ulaganathan, Lead Software Engineer in Test, Freshworks Inc., Chennai	6	56	--	--

4.	Architecting Cloud Services	Workshop	12.02.2020 & 13.02.2020	Inception Labs	1. Mr.Mudaseer Zain. K, Founder, Inception Labs,Chennai 2.Mr.Vignesh Kumar Devops Engineer – Fidelity Investment 3.Dr.Latha Tamilselvan, Prof/IT 4. Dr.G.Kavita, Asso.Prof/IT 5. Dr. L. Shakkeera, Asst.Prof(Sel.Gr)/IT	12	38	-	-
5.	Future of Cyber Security and Machine Learning in IT Care	Seminar	17.02.2020		1. Mr. Manoj Kashyap, Ethical Hacker & Certified Trainer, StarCertification 2. Mr. Bivin Jacob, Global Manager, StarCertification 3. Dr. Dinesh Babu, Director, Brainswig	50	400	-	-

6.	Opportunities in E-Commerce	Webinar	05.05.2020		Mr. Nirmal Lal, Sales Manager, Flipkart, Bengaluru	39	41	10	7
7.	Accelerate Your Career Through Excellence in RPA	Seminar	13.03.2020		M. Pradeep, Director – Information Technology, Netalla Innovations Pvt Ltd, Bengaluru	25	200	-	-
8.	Opportunities in IT Hardware Sector	Webinar	20.05.2020		Mr.Mohammed Sheik Raja, General Manager & Partner, Power Tech Group of Companies, Bahrain	10	90	--	--
9.	Cyber Forensics and the Current Challenges	Webinar	13.06.2020		Mr. Gurcharan Singh, Cyber Faculty, CDTI, Ministry of Home Affairs, Govt. of India, Chandigarh	35	43	363	190
10.	GitHub – Why learning is important to get a job	Webinar	17.06.2020		Mr.Sriram kumar, Founder & CEO, ZifiLink and RoadSenseAI, Bengaluru	11	80	1	6

11.	Internet of Things (IoT) Security	Webinar	18.06.2020	-	Dr. A. Athif Shah, Chairman and Managing Director, ABE Semiconductor Designs, Chennai.	14	18	10	10
12.	Agile Software Development – An Industry Perspective	FDP	25.06.2020 to 29.06.2020	-	1. Mr. J. Premkumar, Reactore India Pvt Ltd, Bengaluru 2. Mr. Selvakumar Kamaraj, Infosys, Chennai 3. Mr. S. Mohammed Bakkrudeen, CTS, Chennai 4. Ms. Janani Jayaraman, Morgan Stanley, New York 5. Mr. T. Arun Prakash, CTS, Chennai	14	-	27	-

### 5. Conferences / FDP / Seminars / Workshops Attended

S.No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs)
1.	Dr. I. Sathik Ali	Accreditation and Outcome Based Learning	FDP	August - October 2019	SWAYAM	-
		Big Data Analytics using R Programming	FDP	07.08.2019 - 09.08.2019	ICT Academy & FTA, BSACIST	-
		Industry 4..0 and Internet of Things	FDP	Jan-Apr 2020	SWAYAM	
		Introduction to Internet of Things	FDP	Jan-Apr 2020	SWAYAM	
		Leading in a VUCA World: Season 2	Webinar	20.04.2020 - 24.04.2020	ICT Academy	
		The Future Is Here Now : Season 3	Webinar	27.04.2020 - 01.05.2020	ICT Academy	
		The Future of Education, Employment & Entrepreneurship : Season 4	Webinar	04.05.2020 - 08.05.2020	ICT Academy	



		The Future of Skills - Education, Employment & Entrepreneurship : Season 5	Webinar	11.05.2020 - 15.05.2020	ICT Academy	
		Future Tech 2020 : Season 6	Webinar	18.05.2020 - 22.05.2020	ICT Academy	
		Effective and Efficient Online Teaching in the Age of Corona, Hands On Workshop.	Workshop	15.05.2020 - 17.05.2020	IIT Bombay & PMMMMNMTT	
		Accelerating Industry 4.0 - A Post Covid Paradigm : Season 7	Webinar	25.05.2020 - 29.05.2020	ICT Academy	
2.	Dr. Latha Tamilselvan	Accreditation and Outcome Based Learning	FDP	August - October 2019	SWAYAM	
		Industry 4..0 and Internet of Things	FDP	Jan-Apr 2020	SWAYAM	
		Introduction to Internet of Things	FDP	Jan-Apr 2020	SWAYAM	
		4 days Online Examination Reforms Training workshop	Workshop	15.04.2020 - 18.04.2020	AICTE & KLE Technological university, Hubli.	
		Time Management	Webinar	17.04.2020	NPTEL Lecture series	

		Joy of Teaching	Webinar	19.04.2020	NPTEL Lecture series	
		Stress Management	Webinar	23.04.2020	FTA, BSACIST	
		How to build Brand Equity	Webinar	28.04.2020	NATIVELEAD	
		The Power of Teacher	Webinar	04.05.2020	ICT Academy, Skycampus	
		Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop	Workshop	15.05.2020 - 17.05.2020	IIT Bombay & PMMMNTT	
		Cyber Forensics and the current challenges	Webinar	13.06.2020	BSACIST	
		Reinvent Virtual Cybersecurity Conference	online Conference	25.06.2020 - 27.06.2020	Rocheston	
3.	Dr. M. Kabeer	ATAL FDP on Artificial Intellience	STTP	04.12.2019 - 08.12.2019	ATAL Academy (AICTE)	
		AI for Employee Attribution	Webinar	29.05.2020	Pantech Solutions, Chennai	
		Post Covid-19 Challenges and Oppurtunities - A Global	FDP	06.06.2020 - 12.06.2020	Bannari Amman Institute of	

	Perspective"			Technology, Pollachi	
	Emerging Research Trends in Computer Science and IT	FDP	08.06.2020- 19.06.2020	BVICAM, New Delhi	
	Being a Super Teacher	FDP	06.07.2020 - 12.07.2020	Bannari Amman Institute of Technology, Pollachi	
	Mastering Machine learning with MATLAB	Webinar	01.06.2020	Pantech Solutions, Chennai	
	Deep learning - convolutional Neural Networks	Webinar	02.06.2020	Pantech Solutions, Chennai	
	MQTT protocols	Webinar	04.06.2020	Pantech Solutions, Chennai	
	ML for Power Management	Webinar	06.06.2020	Pantech Solutions, Chennai	
	Technology towards IoT-Present	Webinar	14.06.2020	Panimalar Institute of	

		and Future			Technology, Chennai	
		Application of Moodle LMS	FDP	11.06.2020- 25.06.2020	BSACIST	
4.	Dr. N. Prakash	Recent Trends in Machine Learning and Pattern Recognition	FDP	11.12.2019 - 24.12.219	Manipal Institute of Technology	
		Introduction to Data Science	FDP	18.05.2020 - 22.05.2020	Guntur Engineering College	
		NBA and NAAC Accreditation Process	FDP	04.06.2020 - 08.06.2020	AICTE & MS Ramaiah Institute of Technology	
5.	Dr. G. Kavitha	Java Programming	FDP	19.08.2019 - 23.08.2019	Oracle Academy	
		Accreditation and Outcome Based Learning	FDP	August - October 2019	NPTEL	
		International Conference on Innovative Data Communication Technologies and Applications	Conference	17.10.2019 - 18.10.2019	RVS College of Engineering and Springer	
		Deep Learning	FDP	Jan- April 2020	NPTEL	
		C and C++	Workshop	29.02.2020	IIT Bombay &	

				PMMMMNMTT	
		Effective and Efficient Online Teaching in the Age of Corona	Workshop	15.05.2020-17.05.2020	IIT Bombay & PMMMMNMTT
		Serious Games for Unleashing Human Potential at Workplace	Webinar	17.06.2020	Madiee Games
		Github- Why Learning is Important to Get a Job	Webinar	17.06.2020	Office of Alumni, BSACIST
		Reinvent Virtual Cybersecurity Conference	Online Conference	25.06.2020-27.06.2020	Rocheston
		2nd International Conference on Computing, Communication and Internet of Things	Conference	20.02.2020-22.02.2020	Sri Sairam Engineering College
		International Conference on Mathematical Computer Engineering ICMCE 2020	Conference	21.02.2020-22.02.2020	VIT, Chennai
6.	Dr. P. Latchoumy	Java Programming	FDP	19.08.2019-23.08.2019	Oracle Academy

		Season 2 of Skycampus - Webinar on the theme Leading in the VUCA World	Webinar	20.04.2020-24.04.2020	ICT Academy	
		C and C++	Workshop	29.02.2020	IIT Bombay & PMMMNMTT	
		Job skills to succeed in a Post Pandemic World	Power Session Webinar	04.05.2020	ICT Academy	
		Change is the essence of life	Webinar	25.05.2020	ICT Academy	
		Star Cloud Computing X-Pert: Industry Perspective of Cloud Computing	Webinar	16.05.2020	Star Certification	
		Online Super Session on Change is the Essence of Life	Webinar	25.05.2020	ICT Academy	
		Cyber Forensics and the current challenges	Webinar	13.06.2020	BSACIST	
		Future of Higher Education- Nine Mega Trends	Webinar	30.06.2020	ICT Academy	
7.	Dr. R. Priyadarshini	FDP on Accreditation and Outcome Based Learning	FDP	Jul – Nov 2019	SWAYAM	

		Big Data Analytics using R Programming	FDP	07.08.2019-09.08.2019	ICT Academy & FTA, BSACIST	
		ATAL FDP on Artificial Intelligence	STTP	04.12.2019-08.12.2019	ATAL Academy (AICTE)	
		Java Applications Certificate Course	Spoken Tutorial IIT Mumbai	Jan- Mar 2020	IIT Bombay	
		FDP on HTML – Spoken Tutorial Course	FDP	20.04.2020-24.04.2020	IIT Bombay	
		Season I - Technology for Future-	Webinar	09.04.2020-08.04.2020	ICT Academy	
		Season II - Leading in the VUCA World (Session III & IV)	Webinar	20.04.2020-24.04.2020	ICT Academy	
		Season III - The Future is Here	Webinar	27.04.2020-01.05.2020	ICT Academy	
		Season IV - The future of education, employment and entrepreneurship	Webinar	04.05.2020-08.05.2020	ICT Academy	
		International Conference on Covid Pandemic Impacts	International web conference	30.05.2020	Dr. Babasaheb Ambedkar	

					Marathwada University.	
		FDP on Augmented Reality - An Alternative Approach	FDP	30.5.2020-03.06.2020	ICAR Centre, Kumaraguru College of Engineering.	
		Agile Software Development - An Industry Perspective	FDP	25.06.2020-29.06.2020	Dept. of IT, BSACIST	
8.	Mr. Rajendran	Accreditation and Outcome Based Learning	FDP	Jul – Nov 2019	SWAYAM	
		Rocheston Certified Cyber Security Engineer	Certificate Course	21.08.2019-25.08.2019	CIIC, BSACIST and Rocheston	Rs.5000/-
		Big Data Analytics using R Programming	FDP	07.08.2019 - 09.08.2019	ICT Academy & FTA, BSACIST	
		Season I - Technology for Future	Webinar	09.04.2020-18.04. 2020	ICT Academy	
		Season II - Leading in the VUCA World	Webinar	20.04.2020-24.04. 2020	ICT Academy	
		FDP on HTML – Spoken Tutorial Course	FDP	20.04.2020-24.04. 2020	IIT Bombay	



		Season III - The Future is Here	Webinar	27.04.2020-01.05.2020	ICT Academy	
		Agile Software Development - An Industry Perspective	FDP	25.06.2020-29.06.2020	Dept. of IT, BSACIST	
		Cyber Security	ATAL Academy Online FDP	28.05.2020-01.06.2020	National Institute of Technical Teachers Training & Research, Chandigarh.	
9.	Dr. P. Gnanasekaran	Fundamentals of Artificial Intelligence	FDP	July - October 2019	NPTEL	
		ATAL FDP on Artificial Intelligence	STTP	04.12.2019-08.12.2019	ATAL Academy (AICTE)	
		C and C++	Workshop	29.2.2020	IIT Bombay & PMMMMNTT	
		Big data Analytics	Webinar	18.05.2020	Star Certification	
		Python Programming	Webinar	23.05.2020	Star Certification	
		AI & X-Pert	Webinar	28.05.2020	Star Certification	
		Robotics X-Pert	Webinar	01.06.2020	Star Certification	

Leading Industry 4.0	FDP	01.06.2020 - 06.06.2020	Sathyabama Institute of Science and Technology	
Modern IOT Technology tools and design for real time application	FDP	03.06.2020 - 09.06.2020	Sai Ram Institute of Technology	
Emerging trends in Electronics Communication	FDP	05.06.2020 - 10.06.2020	Nalla Malla Reddy Engineering College	
Introduction to Artificial Intelligence, Machine Learning and Cognitive Automation	Webinar	12.06.2020	S.N.S College of Technology	
Antenna Applications and Microwaves design	FDP	15.06.2020 - 20.06.2020	Sai Ram Institute of Technology	
Ad Hoc Wireless Sensor Network	FDP	22.06.2020 - 27.06.2020	Sai Ram Institute of Technology	
Agile Software Development - An Industry Perspective	FDP	25.06.2020- 29.06.2020	Dept. of IT, BSACIST	
International web conference	Conference	10.07.2020	Bharath Institute of Science and Technology	

10.	Ms. A. Sonya	International Conference on Innovative Data Communication Technologies and Applications	Conference	17.10.2019-18.10.2019	RVS College of Engineering and Springer	
		Accreditation and Outcome Based Learning	FDP	August to October 2019	SWAYAM	
		International Conference on Recent Trends in Mechanical and Materials Engineering - AIP publishing	Conference	December 12 and 13 ,2019	Chennai Institute of Technology	
		Deep Learning	FDP	Jan- April 2020	NPTEL	
		FDP on HTML – Spoken Tutorial Course	FDP	20.04.2020 to 24.04.2020	IIT Bombay	
		Electronic Conference on sensor and applications	Conference	15.11.2020-20.11.2020	Multidisciplinary Digital Publishing Institute (MDPI)	

6. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	6	4	-	-	20	3	33

7. Details of Publication In National & International Journals & Conferences: (IEEEFormat)

International Journal& National Journal

a) SCI/Scopus Indexed Journal

1. Rajendran. N, Jawahar. P.K, Priyadarshini. R, “Cross Centric Intrusion Detection System for Secure Routing over Black Hole Attacks in MANETs”, Computer Communications (Elsevier), Vol. 148, pp. 129-135, 2019. (Scopus Indexed, SJR –0.5,IF-3.66).
2. Priyadarshini. R, Latha Tamilselvan, Rajendran. N, “Semantic Tracking and Recommendation using Fourfold Similarity Measure from Large Scale Data using Hadoop Distributed Framework in Cloud”, International Journal of Intelligent Unmanned Systems (Emerald), Vol. 7 No. 4, pp. 189-208, 2019. (Scopus Indexed, SJR –0.207).

3. Shahbaz Afzal, Kavitha.G, “Load Balancing in Cloud Computing – A Hierarchical Taxonomical Classification”, Journal of Cloud Computing -Advances, Systems and Applications, Vol.8, No.22, pp: 1-24, 2019. (Scopus Indexed – I.F0.35)
4. Rajendran. N, Jawahar. P.K, Priyadarshini. R, “Makespan of Routing and Security in Cross Centric Intrusion Detection System (CCIDS) over Black hole Attacks and Rushing Attacks in MANET”, International Journal of Intelligent Unmanned Systems (Emerald), vol. 7, no. 4, pp. 162-176, 2019. (Scopus Indexed, SJR –0.207).
5. Priyadarshini. R, Latha Tamilselvan, Rajendran. N, “Semantic Retrieval of Web Documents using Topic Modelling based Weighted Nearest Neighborhood Technique”, International Journal of Innovative Technology and Exploring Engineering, Vol. 8, No.9, pp. 3178-3183, July 2019. (Scopusindexed)
6. A.Sonya, G.Kavitha, “Transmission of Secure Sensitive Health Care Information Using Hybrid Encryption in Cloud Computing” , International Journal of Advanced Science and Technology, Vol.28, No.15, pp: 344 – 354, 2019 (Scopus Indexed – I.F0.13)
7. A.Sonya, G.Kavitha, “Effectiveness for Securing Sensitive Data and Supporting Multi Data Applications in Cloud Forensics Environment”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-63, September 2019.
8. A.Sonya, G.Kavitha, “Preserving Human Health Care Records Based On Hybrid Learning Methods In Cloud Computing”, International Journal of Control and Automation, Vol. 12, No. 6, pp. 465-476, 2019.

9. C Atheeq and M Munir Ahamed Rabbani, “CACK—A Counter based Authenticated ACK to mitigate misbehaving nodes from MANETs”, Recent Patents on Computer Science, Vol.12, No. 1, 2019. (Scopus Indexed - SJR0.14)
- 10.A.Sonya, “On board Driver Monitoring System with Safety Enhanced Brake System” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-63, September 2019.
- 11.A.Sonya, “Automatic Emergency Braking System using Hydraulic Actuator for Preventing Road Accidents” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6, August, 2019.
- 12.Subramanian E K, Latha Tamilselvan, " A focus on future cloud: machine learning-based cloud security”, Service Oriented Computing and Applications (Springer), Vol. 13, Issue 3, pg 237-249, September 2019.
- 13.Shahbaz Afzal, Kavitha.G, “A Hybrid Multiple Parallel Queuing Model to Enhance QoS in Cloud Computing”, International Journal of Grid and High-Performance Computing, Vol.12, No.1, pp:18-34, 2020 (Scopus Indexed - I.F:0.16)
14. A.Sonya, G.Kavitha, “Security and Privacy Preserving for Patient’s E-Health Care Applications”, Test Engineering and Management System”, Vol.82, pp: 1781-1786, 2020, (Scopus Indexed – I.F-0.1).
- 15.Subramanian E K, Latha Tamilselvan , " Elliptic Curve Diffie–Hellman cryptosystem in big data cloud security” , Journal of Networks, Software Tools and Applications(Cluster Computing), Springer, February 2020.(Scopus

indexed, SJR 0.34(Q2),I.F.1.902)

16. Shakkeera L, Muzammil Banu M, Matheen Fathima G, Sharmasth Vali Y , “Internet of Things Based SOS and Border Alert System for Piscator’s Hazard”, Journal of Computational and Theoretical Nanoscience, Vol. 17, No. 5, pp:2060 - 2073, May 2020. (Scopus Indexed, SJR – 0.16, IF: 1.66)
  
17. Shakkeera L, Hem Prasanth K C, Sabareesh, Sumaiya Begum I, Sharmasth Vali, " Cloud Database Protection using BlockchainTechnologyforOnlineVotingSystem",InternationalJournalofRecentTechnologyandEngineering Vol.8, 1361-1370, 2020.
  
18. Priyadarshini, R. and Tamilselvan, L. ‘Semantic linkage of source content dynamically with virtual documents using Wikipedia in Hadoop’, Int. J. Advanced Intelligence Paradigms, Vol. 16, Nos. 3/4, pp.338–354, 2020.
  
19. Ziaul Haque Choudhury, Munir Ahmed Rabbani, "Cosmetic Applied based face recognition for Biometric Passport", International journal of Intelligent Un manned systems, 2020.
  
20. Ziaul Haque Choudhury, Munir Ahmed Rabbani," Biometric passport for national security using multi biometrics and encrypted Biometric data encoded in the QR code", Journal of Applied Security Research, 2020.

**b) Other journals**

1. T Harinarayana, Pitambar Sai Goyal, N Rajendran, “New way of Identification of a Place and Tracking”, International Journal of Geosciences, vol. 11, pp. 360-376, 2020. (CABI Indexed, IF:0.83)

2. R. Priyadarshini, N. Rajendran, Amit Alex, "Semantic Retrieval of Legal Case Documents using Relational Methontology based C\_Mapping Technique", NOVYI MIR Research Journal, Volume 5, Issue 4, pp 118-128, 2020. (WOS - AHCI, IF: 6.1 & UGC -CARE)
3. Shakkeera L, Santosh Karthikeyan Viswanathan and Sharmasth Vali Y., "Artificial Intelligence and Machine Learning in Clinical Trials: Perspective" NOVYI MIR Research Journal, Vol. 5, Issue No. 6, pp. 100 – 108, June 2020. . (WOS - AHCI, IF:6.1)

#### International Conference & National Conference:

##### a) Conference with ISBNProceedings

1. Mishal Fathima. S. H, Judi Grace and Dr.L.Shakkeera," Intranet Mailing Management System", International Conference on Computing, Communication and Control, at Sri Sairam Engineering College, Chennai,2020.
2. Mohd.Tajuddin, M.Kabeer, Mohamed Misbahuddin,"Analysis of Social Media For Psychological Stress Detection Using Ontologies", International Conference on Inventive Systems and Control, at JCT College of Engineering and Technology, Coimbatore, 2020.
3. Balamurugan N, Bhuvanesh R, Latha priya K M, Sharmasth Vali Y, Shakkeera L," Building Secure Clouds by Perpetual Auditing using Blockchain Technology", International Conference on Research Advancements & Chanllenges in Engineering Science (ICRACE' 20) at Velammal Institute of Technology, Chennai,2020.
4. Sowmiya.A and Dr.L.Shakkeera," Predictive Modelling of Alzheimer's Disease using Machine Learning Methods", International Conference on Computing, Communication and Control, at Sri Sairam Engineering College, Chennai



during February2020.

5. Serena Rajakumar, G. Kavitha and I.Sathik Ali, "CNN based DDI Extraction System Drug-Drug Interaction Extraction System using Ensemble Learning", In Proc of 2nd International Conference on Computing, Communication and Internet of Things at Sri Sairam Engineering College during 20th to 22nd February2020.
6. Shahbaz Afzal and G.Kavitha, "Enhancing Migration Related Parameters in Cloud Computing by Adopting Improved Modified Distribution Load Balancing Approach" in Proc of International Conference on Mathematical Computer Engineering, at Vellore institute of Technology, Chennai during 21st and 22nd February2020.
7. Ayesha Naaz.A, Soundhari.N, Varsha.A, Gomathi.D and Dr.L.Shakkeera," Automatic Accident Detection System in Smart Phone", International Conference on Computing, Communication and Control, at Sri Sairam Engineering College, Chennai, March2020.
8. Priyadarshini. R, Arvind Bharani, Rahiman Khan, Rajendran. N, "Low Light Image Enhancement using Deep Convolutional Network", International Conference on Sentimental Analysis and Deep Learning (ICSADL 2020), organized by KGiSL Institute of Technology, Coimbatore, April2020.
9. A.Sonya," Identification of Electrical Faults in Underground Cables using Machine Learning Algorithm", International Electronic Conference on Sensors and Applications., May2020
10. Shakkeera L and Sharmasth Vali Y," Recognizing Real-Time Objects using Neural Networks", International Conference on ICNAET' 20 at New Prince Shri Bhavani College of Engineering and Technology, May2020.

### 11. Details of Impact Factor of the Publication and H-Index

A) Range	B) Average	C) H-Index	D) No. In Scopus
0-3.6	0.416	7	20

### 12. Sponsored Research (Ongoing /Applied)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1	PI: Mr. Radhakrishnan Jothiram, Rekindle Automations, CIIC, BSACIST Faculty mentor: Mr. N. Rajendran, AP (Sr.Gr.) / IT	Innovation Voucher Programme, Tamilnadu Govt, Entrepreneurship Development and Innovation	A Smart intravenous dripper system for centralized monitoring and automatic control of Intravenous fluid	Rs.5,00,000/ -	Rs.5,00,000 /-	Rs.4,97,000 /-	Rs.3,000/ -	Ongoing

		Institution (TN-EDII)						
2	PI: Dr. T. Harinarayana CO PI: Dr. R. Priyadarshini Mr. N. Rajendran	Science & Technology Projects Scheme of TNSCST for Accelerated Research on Covid-19	Smart Watch for Monitoring of COVID19 Patients					Applied
3	PI: Mr. N. Rajendran CO PI: Dr. T. Harinarayana Dr. R. Priyadarshini	MHRD Mega Online Challenge "SAMADHAN"	Tracking and Monitoring of COVID19 Quarantined People using Wearable Device and Mobile Applications					Applied

4	PI: G. Senthil Kumar, MADIEE Games Pvt Ltd, CIIC, BSACIST. Knowledge Partner : Mr. N.Rajendran	Innovation Voucher Programme, Tamilnadu Govt Entrepreneursh ip Development and Innovation Institution (TN- EDII)	Experiential Games that unleash the Entrepreneur in you					Applied
5	PI: Dr. T. Haranarayana CO PI: Mr. N. Rajendran	BIRAC	Development of Mobile APP to track the persons, goods, transportationor any othermeans					Applied
6	PI: M. Radhakrishnan Jyothiraman, Rekindle Automations, CIIC, Knowledge Partner:	Innovation Voucher Programme, Tamilnadu Govt Entrepreneursh ip Development andInnovation	A Smart Intravenous Infusion Pump for Medication Error Reduction, Centralized monitoring and Automatic Control of					Applied

	Mr. N. Rajendran	Institution(TN-EDII)	Intravenous fluid					
7	Dr. Latha Tamilselvan Dr. S. Kaja Mohideen Dr. E. Manikandan	Biotechnology Industry Research Assistance Council (BIRAC)	Development of Smart Synthetic Nanobot drug delivery system for curing cancer					Applied
8	CO PI: Dr. R. Priyadarshini Mr. N. Rajendran PI: Dr. S. Shamshath Begum	Project Related Scheme of DST through TNSCST	Monitoring the growth of Microalgae in the local surface water bodies in and around Vandalur using IoT					Applied
9	P.I : Dr.Latha Tamilselvan Co-PI : Dr.G.Kavitha	Department of Science & Technology	Integrated Pest Control and Water Management System based on IoT for Agriculture					Applied

### 13. Details of Major Equipment Purchased (Financial year 2019-20)

S.No	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs	Working Status	
					Yes	No
1	Computer - HP 280 G4 Desktop – i5 – 16GB RAM – 1TB	HP & India	Jan 2020	9,37,125.00	Yes	-

### 14. Book Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	\$		
1	A.Sonya, G.Kavitha, A.Paramasivam	Secure Transmission of Human Vital Signs Using Fog Computing, Lecture Notes on Data Engineering and Communication Technologies.	--	--	Springer Nature, Switzerland	Available
2	Shahbaz Afzal , G.Kavitha, Shabnum Gull	Parallel Queuing Model in a Dynamic Cloud Environment-Study of Impact on QoS: An Analytical Approach, in Data Engineering and Communication Technology.	--	--	Springer Nature, Singapore	Available

3	N. Prakash, Sumaiya Farzana	Short Term Price Forecasting of Horticultural Crops Using Long Short Term Memory Neural Network	--	--	Springer Nature, Switzerland	Available
4	Shanmugam Udhayakumar, Latha Tamilselvan	Trustworthy Cloud Federation Through Cooperative Game Using QoS Assessment: Pattern Recognition and Machine Intelligence			Springer Nature, Switzerland	Available

#### 15. Patents (Obtained /Applied)

S.No	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1	Predictive Analytics for Chronic Diseases Using Intelligent Machine Learning in Healthcare Management	Filed			--
2	Secure Voice Recognition System using Deep Learning Neural Networks	Filed			--

3	Energy-Efficient Adaptive Optimization Framework for Mobile Cloud Computing		Published		--
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#### 16. International Visits By Faculty /Students

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country Visited	Purpose of visit	Period of Visit	Outcome
1.	Mr. Arvind Bharani	Universiti of Teknologi Mara, Malasiya	Malaysia	UiTM knowledge transfer for combined satellite project	23.03.2019 to 29.03.2019	Got experiece to work with international students
2.	Mr. Arvind Bharani	Open Power Summit, North America	USA	Speaker in Open Power Summit	15.08.2019 to 01.09.2019	Shared knowledge on latest trends in IT



17. Achievements of Staff

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Dr. I. Sathik Ali	All India Topper (1%) in the NPTEL course on Accreditation and Outcome based Learning and secured Elite & Gold Medal.	NPTEL	Jul-Oct 2019
2.	Dr. Latha Tamilselvan	Received Research Incentive of BSACIST for the Research Publications in Scopus / SCI Journals.	BSACIST	Sep 2019
3.	Dr. L. Shakkeera	Certified Chief Innovation Officer by Rocheston Distinguished.	Rocheston	Mar 2020
		Innovation & Incubation Cell Ambassador by MHRD's Innovation Cell.	MHRD's Innovation Cell	Jan 2020
		Received Research Incentive of BSACIST for the Research Publications in Scopus / SCI journals.	BSACIST	Sep 2019

		Selected as an “Outstanding Woman in Engineering”	5th Venus International Women Awards	Mar 2020
4.	Dr. R. Priyadarshini	Received Research Incentive of BSACIST for the Research Publications in Scopus / SCI journals.	BSACIST	Sep 2019
5.	Mr. N. Rajendran	Best Researcher Award of the year (2019)	RULA Awards & IJRULA	Jan 2020
		Rocheston Certified Cyber Security Engineer (RCCE)	Rocheston	Aug 2019
6.	Dr. P.Gnanasekaran	Received Research Incentive of BSACIST for the Research Publications in Scopus / SCI journals.	BSACIST	Sep 2019
7.	Ms. A. Sonya	Doctor of Letters (D.Litt)	World Classical Tamil University	Feb 2020

## 18. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Devananth	160081601010	Runner up Cricket Tournament	BSACIST	September 2019
2.	Kiran R	160081601020	Runner up Cricket Tournament	BSACIST	September 2019
3.	Imran	160081601014	Runner up Cricket Tournament	BSACIST	September 2019
4.	Karthikeyan	160081601019	Runner up Cricket Tournament	BSACIST	September 2019
5.	Riyas Sudeen	160081601037	Runner up Cricket Tournament	BSACIST	September 2019
6.	Asma Zainul	160081601054	Third Place 100 m Running	CRES SPORTS, BSACIST	September 2019
7.	T.Mohamed Imaz	170081601023	Python bootcamp certification	Xobin	November 2019
8.	Kavi Bharathi K	170081601018	3RD Football Competition	PERI Instute Of Science and Technology	July 2019

9.	Ashhvath.K	170081601006	Runner up Cricket Competition	CRES SPORTS, BSACIST	September 2019
10.	Arun.J	170081601005	Runner up Cricket Competition	CRES SPORTS, BSACIST	September 2019
11.	Syed Suhail Ahamed.S	17008601037	Runner up Cricket Competition	CRES SPORTS, BSACIST	September 2019
13.	Kavi Bharathi K	170081601018	Winners Football	CRES SPORTS, BSACIST	September 2019
14.	Kavi Bharathi K	170081601018	Winners CRES FUTSAL LEAGUE	BSACIST	September 2019
15.	Madhavan S	170081601019	Runner up Cricket Competition	CRES SPORTS,BSACIST	September 2019
16.	Ram Deepak	170081601034	1st place in crescent aurora golden flim awards	Crescent Team Dramatic (CTD), BSACIST	November 2019
17.	Noorjehan Begum. A	170081601041	Won 3rd place in Lexicon (Litrapture)	Crescent Literary Society(CLS), BSACIST	September 2019
18.	Azrah Shehreen. A	170081601008	Won 3rd place in Lexicon (Litrapture)	Crescent Literary Society(CLS), BSACIST	September 2019
19.	Afifa Ameen Sahariah	170081601002	Won 3rd place in Lexicon (Litrapture)	Crescent Literary Society(CLS), BSACIST	September 2019
20.	Ashhvath.K	170081601006	Runner up Cricket	Cres Sports, BSACIST	September

			Competition		2019
21.	T.Mohamed Imaz	170081601023	Python bootcamp certification	Xobin	November 2019
22.	Mohamed Yousuf. A	180081601028	Third place-Fashion Parade	Euphoria, Govt.Stanley Medical College	September 2019
23.	Joseph Coke Nithyan	180081601017	Third place-Western Music	Euphoria, Govt.Stanley Medical College	September 2019
24.	Priyadharshan. S	180081601033	Third place-Western Music	Euphoria, Govt.Stanley Medical College	September 2019
25.	Sneha. B	180081601045	First prize -solo singing	Cresters – BSACIST	November 2019
26.	Sneha. B	180081601045	Second priza- Group singing	Cresters – BSACIST	November 2019
27.	S.Nasreen Fathima	190081601041	Islamic calligraphy,quiz,qirat,lemon with spoon,tug of war, English calligraphy	21st AICE and 'ART DECATHON'	August 2019
28.	J.Javid Musharaf	190081601021	Islamic presentation,Quiz,Elocution	AICE	August 2019

29.	Irfana Parveen.E	190081601020	Islamic Calligraphy, Quiz,Qirat ,lemon with spoon,tug ofwar,english calligraphy, scriptwriting.	21st AICE, Art Decathon and 2020 Creshunt.	August 2019 , 8th August 2019
30.	Afshaan Fathima.H	1900816010004	Islamic calligraphy,quiz,Qirat	21st AICE	August 2019
31.	Kabeer Ahamed. J	190081601022	Tug of war,Islamic quiz,islamic presentation	AICE	August 2019
32.	R .Divya Krishnan	190081601016	Islamic calligraphy,creative writing,haiku, art decathon-calligraphy,lemon and spoon	21 st AICE, Litfest and Art decathon	August, September 2019
33.	A.Althameez Hasan	190081601005	Islamic recitation, thugof war,silambam competion	21st AICE, Crescent Creative strokes,Sangamam	August 2019
34.	V.Lavanya	190081601025	English calligraphy,Islamic calligraphy, quiz	21st AICE,art decathon	August 2019
36.	S.Samantha	190081601048	1. Islamic Cultural event - Calligraphy 2. Nss – Campuscleaning	Litfest and Art decation	August 2019
37.	Shamse Ahmad	190081601051	Essay Writing, Journalism, Music Production	21st AICE, MILAN	August 2019,
38.	J.Javid Musharaf	190081601021	Islamic	AICE	August

			presentation,Quiz,Elocution		2019
39.	Irfana Parveen.E	190081601020	Islamic Calligraphy, Quiz,Qirat ,lemon with spoon,tug ofwar,english Calligraphy, scriptwriting.	21st AICE, Art Decathon and 2020 Creshunt.	February 2020.
40.	Shamse Ahmad	190081601020	Essay Writing, Journalism, Music Production	21st AICE, MILAN	February 2020

#### 19. DevelopmentalActivities

S.No	Details of Development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Skill and Personality Development Programme Centre (sponsored by AICTE)	3 Years	Dr. N. Prakash, Dr. R. Priyadarshini, Mr. N. Rajendran	To provide oral and written communication skills & career Guidance for SC/ST students	Students will be able to compete with other students
3	Internship - Barola Technology, Chennai	7 days	Azrah Shehreen. A	To learn the importance of IoT and their leading applications	Students will be able to get the practical exposure of how IoT related applications work

4	Internship - Barola Technology, Chennai	7 days	Bharath Kumar. K	To learn the importance of IoT and their leading applications	Students will be able to get the practical exposure of how IoT related applications work
5	Internship - Barola Technology, Chennai	7 days	Noorjehan Begum. A	To learn the importance of IoT and their leading applications	Students will be able to get the practical exposure of how IoT related applications work
6	Internship- S.R Batliboi Associate LLP (EY)	6 Months	R.Kiran	To facilitate high quality analytics driven auditing process and detect risks by quantitative and qualitative aspects	Students will extract financial data from ERP clients and process journal entry data.
7	Internship- S.R Batliboi Associate LLP (EY)	6 Months	Mohamed Azeem	To facilitate high quality analytics driven auditing process and detect risks by quantitative and qualitative aspects	Students will extract financial data from ERP clients and process journal entry data.
8	Internship- S.R Batliboi Associate LLP (EY)	6 Months	Swetha	To process and detect risks by quantitative and qualitative aspects	Clients and process journal entry data.



9	Internship - Ysquare Technology.	1 Month	Kamal Sheriff	To process and analyze the financial data of a company	Students will be able to get the practical exposure of how financial user data related applications work
10	Internship- E-Khareedo Pvt Limited	3 Months	Mishal Fathima	To learn and expertise trending topic in machine learning	Learned and created a real time app for malware detection in Android smartphones
11	Internship- E-Khareedo Pvt Limited	3 Months	Arshad Arsalan	To learn and expertise trending topic in machine learning	Learned and created a real time app for malware detection in Android smartphones
12	National Level Technical Symposium- OITRIX 20, Dept of IT, CEG, Anna University	3 Days	Sharan. K	Participated in the technical events of the symposium	Gained knowledge on coding skills, debugging, design & presentation of projects
13	National Level Technical Symposium- OITRIX 20, Dept of IT, CEG, Anna University	3 Days	Priyadharshan. S	Participated in the technical events of the symposium	Gained knowledge on coding skills, debugging, design & presentation of projects

14	National Level Technical Symposium- OITRIX 20, Dept of IT, CEG, Anna University	3 Days	Ram Kumar. V	Participated in the technical events of the symposium	Gained knowledge on coding skills, debugging, design & presentation of projects
15	National Level Technical Symposium- OITRIX 20, Dept of IT, CEG.	3 Days	Aakash. S	Participated in the technical events of the symposium	Gained knowledge on coding skills, debugging, design & presentation of projects
16	Online Course & Quiz in Multimedia Systems- Srinivasa subbaraya Polytechnic College – Puttur	3 hours	Varun Kumar. K	To assess the student knowledge in Multimedia systems	Gained more knowledge about multimedia systems
17	Online Certification Course in Machine Learning	6 weeks	Varun Kumar. K	To discover patterns in user data and make predictions based on the data set and hence solves the business Problems	Trained on newer data and deploy the resulting model and gained more knowledge in stock and data analysis

20. Industry / InstituteCollaboration

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1	Advantage Pro (Red Hat Academy Partner) Jhaver Plaza, 1-A, Wing 1 & 2, 4th Floor, Nungambakkam High Rd, Nungambakkam, Chennai, Tamil Nadu 600034	Offer value added course "Red Hat Certified System Administrator" in association with Advantage Pro	Mar - May 2020	Ongoing (Due to lock down)		Students learn the basics of Linux OS and prepare for RHCSA certification
2	Sirpi Software Pvt Ltd, CIIC, BSACIST	Offer Certificate course "Android Application Development" in association with Sirpi Software PvtLtd	Mar - May 2020	Ongoing (Due to lock down)		Android App Development training to students

		Mr. N. Rajendran/Faculty Mentor to Sirpi Software Pvt Ltd	2019-2020	Ongoing	
3	Rekindle Automations, CIIC, BSACIST	Mr. N. Rajendran/ Faculty Mentor to Rekindle Automations	2019-2020	Ongoing	Received a grant of Rs.5,00,000/- fund from EDII, Tamilnadu
4	MADIEE Games Pvt Ltd, CIIC, BSACIST	Mr. N. Rajendran/ Faculty Mentor to MADIEE Games Pvt Ltd	2019-2020	Ongoing	Applied for a grant of Rs.5,00,000/- fund from EDII, Tamilnadu

#### 21. SocietyActivities

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1	Society of Information Technologists	Technical Symposium	12	148	4	Mr. K.N Karthick Balan, Assistant Vice President, Deutsche Bank, Group Technology Infrastructure.	Motivational Talk	-

## 22. Extension Activity Conducted

S. No	Type of Extension activity	Details of Participants			Details of beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1.	Police Training	Dr. I.Sathik Ali, Assoc.Prof. & Head	--	--	Resource Person in Police Training for Computer Awareness Competition in AIPDM (Level I & II)	Oct 2019 - March 2020	The training programme helped the Police Personnel to prepare for the participation in Computer Awareness Competition in All India Police Duty meet 2019.
		Dr. Latha Tamilselvan, Prof. & Director(DataCentre)					
		Dr. M.Kabeer, Assoc. Prof.					
		Dr. N.Prakash, Assoc. Prof.					
		Dr. G.Kavitha, Assoc. Prof.					
		Dr. P. Latchoumy, Assoc. Prof.					
		Dr.R.Priyadarshini, Asst. Prof (Sel.Gr.)					
		Mr. N. Rajendran, Asst. Prof (Sr. Gr.)					
		Dr. P. Gnanasekaran, Asst. Prof					

2.	NSS Camp	Dr. Latha Tamilselvan, Prof. & Director (Data Centre)	--	--	Lecture on “Women Empowerment” – NSS Camp at Govt Higher School, Karasangal Village.	28.1.2020 to 3.2.2020	It encourages the student to grow independently. Students also learn other skills that help them to be self regulated.
		Ms.A.Sonya, Asst. Prof					

### 23. Important Visitors

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Mr. K. Mohammed Rafi	Senior Vice President, Pathfinder Global FZCO, Chennai	Offer courses on Data Analytics as value added courses	Student Internship & Value-added courses
2	Mr.Mudaseer Zain. K	Founder, Inception Labs, Chennai	Resource person for Workshop	MoU, Student Internship & Value-added courses
3	Mr.K.N. Karthick Balan	Assistant Vice President, Deutsche Bank, Group Technology Infrastructure, Chennai	Chief Guest for inauguration of the Society of Information Technologists	Student Internship
4	Mr. Samridh Mangotra	Vice President, HSBC Bank	Alumni Connect	Student Internship

## DEPARTMENT OF COMPUTER APPLICATION

### 1. New Programmes Started

S.No	Name of Programme	Month & Year of Introduction	Details of Approval			
			Board of Studies	Academic Council	BOM	AICTE/UGC
1	BCA Multi-Media and web application development	July 2019	BOS Conducted in January 2019	-	-	-

### 2. Value Added Programmes Started

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	C and C++	July 2019 - Dec 2019	20 hrs	IIT Bombay spoken tutorial	214		
2	RDBMS	July 2019 -	20 hrs	IIT Bombay spoken	182		

		Dec 2019		tutorial			
3	Arduino	July 2019 - Dec 2019	20 hrs	IIT Bombay spoken tutorial	36		
4	Joomla	July 2019 - Dec 2019	20 hrs	IIT Bombay spoken tutorial	36		
5	Java and Netbeans	July 2019 - Dec 2019	20 hrs	IIT Bombay spoken tutorial	102		
6	Linux & Ubuntu	July 2019 - Dec 2019	20 hrs	IIT Bombay spoken tutorial	125		

### 3. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Ethical Hacking and Cyber Security	11.03.2020- 13.03.2020	20 hr	Computer Society of India		75	Internal and External candidates
2	Big Data Analytics for Business Intelligence	16.12.2019- 21.12.2019	50 hr	IBM - Bangalore & Computer	8	34	Revenue generated Rs.1,05000



				Society of India			/
3	Faculty Development Programme on Trending Technologies	14.05.2020-16.05.2020	20 hr				100 (Internal and External candidates)
4	Faculty Development Programme on Insights of Software Development, Testing and Quality Process in IT industry	30.05.2020-01.06.2020	20 hr	Computer Society of India		35	Certified
5	Five days Online Certification Programme on Computer Fundamentals and Data Management	16.12.2019-21.12.2019	50 hr				UG and +2 students (External candidates)
6	5 Days FDP on Digital Image Processing and its Techniques	6th -10th July 2020	40 hr	Computer Society of India		64	Certified

7	One Day SDP-Career Guidance	30.06.2020	8 hr	Computer Society of India		87	Certified
8	One Day DP-TECH SYMP	12.07.2020	8 hr	Computer Society of India		80	Certified

#### 4. Conferences / FDP / Seminars / Workshops Organized

Name of the programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants Faculty & Students
TYPE OF PROGRAMME : SEMINARS				
Red Hat Linux in Software Career Path	20.09.2019		1. Mr. Riyaz, Red Hat Certified Architect, Malaysia	2nd and 3rd year UG Students
			2. Mr. N. Kathirvel, Red Hat Trainer, Advantage Pro, Chennai	1st and 2nd year PG Students
TechTalk	14.10.2019		Prof. Fakrul Yusoff, UiTM university, Malaysia	All BCA, B.Sc, MCA students

Future of Cyber Security & Machine Learning in IT Career on 17.02.2020	17.02.2020		Mr. M. Pradeep, Director – Information Technology, Netalla Innovations Pvt Ltd, Bengaluru.	All Second Year B.E / B.Tech , BCA and B.Sc
			Mr. Manoj Kashyap Certified Ethical Hacker & Technical Trainer	
			& Mr. Bivin Jacob, Global Manager, Star Certification	
			Dr. Dinesh Babu- Director, Brainswig	
Time to Quiz	06.03.2020		Android Club Activity	36 students
C Programming	02.05.2020		Online Quiz	401
Digital Image Processing	02.05.2020		Online Quiz	174
Robotic Process Automation (RPA)	04.05.2020		Online Quiz	358
IT Trends Post COVID	06.05.2020		Mr. Sathish Menon, Co-Founder, Thirdware Solutions	31
Python for Data Science	07.05.2020		Mr. Sivaprasath, CEO & Founder, VISTACONVERT	95
Machine Learning	09.05.2020		Online Quiz	240
Research Methodology and Its Tools	12.05.2020		Dr.A.Ramya, Dr.P.Amudhavalli, Dr. Sudha Rajesh	1099

SKULL session on Real-time Product-based opportunities in NEW NORMAL	18.05.2020		Mr. Arvinth Anbazhagan, CEO, ADIOS Innovations LLP, Chennai	144
Demystifying AI Algorithms	26.05.2020		Mr. Sivaprasath, CEO & Founder, VISTACONVERT	86
Research Paradigms and Intellectual Property Rights	02.06.2020		Dr.A.Jaya, Dr.A.Ramya, Dr.P.Amudhavalli, Dr. Sudha Rajesh	63
Programming & Computer Fundamentals	03.06.2020		Online Quiz	440
Digital transformation through mobile application	04.06.2020		Webinar	142
Awareness of Data Science in Real World	06.06.2020		Mr. Gowtham. R, Data Engineer at Saturam Infosystem Private limited, Bangalore	188
Image processing Using CNN	09.06.2020		Ms. Ananya Das, Data Scientist, CSoft Tech, Bangalore	176
Confidence Building and Special Skills to face interviews	10.06.2020		Mr.Tameem Saed, CEO,Fortran Cirkit,Pvt.Ltd.	56
Ethical Hacking	11.06.2020		Mr. Vinod Senthil T, Founder & Managing Director, infySEC	329

			Pvt. Ltd.	
Career guidance for the aspiring undergraduate students for their higher studies and scope for specializing in the emerging software programming skills	22.06.2020		Dr.V. Lokeshwari, Associate Professor	70
Future of IT talk for school to college transition students	27.06.2020		K.Sathish Balaji ,Program Manager in french MNC company	43
Entrepreneurship in E-Commerce	28.06.2020		Ms.Renat Nividha, Entrepreneur, Chennai	100
National webinar on "Career guidance for the aspiring Undergraduate students for their higher studies and scope for specializing in the emerging Software Programming skills ".	30.06.2020		Mr.Ganesh Sankaralingam, Director, LatentView Analytics, Chennai.	280
International webinar on Artificial Intelligence on Bio	11.07.2020		R.Yuvaraj ,Post doctoral fellow at Nanyang university Singapore	117

signal analysis				
TYPE OF PROGRAMME : GUEST LECTURES				
Career growth and the significant parameters required to enrich and enhance the career of the students	06.09.2019		Mr.Kirthivasan.B Delivery Head,Cloud Kinetics	All BCA, B.Sc, MCA students
Latest trends and Opportunities in IT Sector	06.09.2019		Ranjit Sengupta Director and COO,Vectra Technosoft Pvt.Ltd	All BCA, B.Sc, MCA students
Linux Operating System and its benefits	06.09.2019		Mr.V.R. Rajmohan, RHCE & JbOSS Certified Engineer	All BCA, B.Sc, MCA students
Predictive Analysis and Its Implementation in Machine Learning and Research Avenues	09.09.2019		Mr. Siva Prasad, Data Analyst Director, Vista Convert-Startup, Incubated in CIIC	MCA Students
Confidence Building Measures	30.01.2020		Mr.Farhan Sheikh Entrepreneur & Soft Skills Trainer	III SemMCA

TYPE OF PROGRAMME : WORKSHOPS				
Machine Learning Using Python	13.02.2020		Mr.SIVA PRASAD Founder & CEO, Jothna Software Solution	UG and PG students of other colleges
Data Analytics and Digital Marketing	05.03.2020		Jayamurugan Thanikasalam Enterprise Application Consultant Salesforce Practice	All Students
Introduction to Arduino and its Application	23.10.2019		Dr. Sabura Banu, Prof/ E&I, BSACIST	MCA students
Artificial Intelligence for Science & Engineering Applications in MATLAB	29.05.2020		(i) Dr. Souvick Chatterjee, Education Technical Evangelist, Mathworks, IN-Delhi (ii) Mr. Akhil Gopinath, Engineering Development Group, Mathworks, IN-Bengaluru	175
2 hours workshop on JavaScript	18.06.2020		Ms.Sathya K S Software Development Engineer cSoft Tech, Bangalore	310
TYPE OF PROGRAMME : TRAINING PROGRAMS				
Big Data Analytics for Business	16.12.2019- 21.12.2019	CSI	Dr D.Janakiram Department of Computer Science &	Internal and External candidates

Intelligence			Engineering, IIT Madras	
			Dr. Pethru Raj & Mr Sanjeeb Dey Reliance Jio Infocomm, Ltd Bangalore Chief architect & Vice President	
			Mrs. Ramya Natesan, Architect Agilisium Consulting Mr.Parthasarathy, 8k Miles	
			Mr.Veera Babu Gandham, EDI Consultant IBM Cognitive Applications	
			Dr.S.Sharon Priya , Mrs.A.Radhika, Mrs.R.Akila& Mrs.J. Brindha Merin , Mrs. S. Subhashini, Dr Ramachandran , Dr.Priyadharshini	
			Dr.G. Shree Devi, Dr.Divan Masood , Dr.A.K.Reshmy, Dr.Sudha Rajesh , Dr.A.Ramya, Dr.Shenpagapriya, Dr.V.J.Sowmya	
Ethical Hacking and Cyber Security	11.03.2020-13.03.2020		Mr. Suresh Kumar Founder and Director of Texial and IFF labs, Bengaluru,	Internal and External candidates
			Mr. Mohit Kumar Co founder of Texial	



			<p>Innovations, Bangaluru. Mr. Chandresh Gupta Senior Pen Tester TwinTech Solutions,</p> <p>Mr. Velayutham Selvaraj, Founder TwinTech Solutions, Mr. Samraj Director SOC TwinTech Solutions</p> <p>Mr. Manoj Kashyap, Technical Training officer, Star Certification, Mr. Akella V S Prabhakar, Global Head – Compliance &amp; Audit, FSS (P) Ltd, Chennai</p>	
Faculty Development Programme on Trending Technologies	14.05.2020 - 16.05.2020	CSI	<p>(i) Dr. T. Ruso, Associate Consultant, Wipro Ltd., (ii) Dr. D. Senthilkumar, AP, Department of CSE, University College of Engineering, Anna University, Tiruchirapalli,</p>	100 (Internal and External candidates)
Faculty Development Programme on Insights of Software Development,	30.05.2020 - 01.06.2020		<p>Mr. Harishankar Vaikom Mahadevan, Mr. Thiyagarajan Murugesan, Mr. Balachandran Renganathan,</p>	35 (Internal and External candidates)

Testing and Quality Process in IT industry			Dr. Shakila Anjum	
Five days Online Certification Programme on Computer Fundamentals and Data Management	19.05.2020-23.05.2020		Dr.S.Pakkir Mohitheen, Dr.S.Shahar Banu, Dr.V.Muthu Priya, Dr.G.ShreeDevi, Ms.Padmavathy and Dr.Zameer Gulzar	UG and +2 students (External candidates)
5 Days FDP on Digital Image Processing and its Techniques	06.07.2020 10.07.2020	CSI	Dr. Manish T I, Professor & Dean, Dept of CSE, ASIET, Kalady.	Faculties , Research Scholar and PG Students
			Dr.M.G.Sumithra, Professor & HoD, Dept. of ECE, KPR Inst. of Engg and Technology, Coimbatore.	
			Dr.A.Ramya, Assistant professor, Dept. of CA, BSACIST	
			Dr.J.Nithyashri Professor, Department of CSE Prince Shri Venkateshwara Padmavathy Engineering College	

			Mr.V.Chandran Assistant Professor, Dept. of ECE, NVIDIA DLI Certified Instructor KPR Institute of Engineering and Technology, Coimbatore	
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#### 5. Conferences / FDP / Seminars / Workshops Attended

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs)
1	Dr. A.K.Reshmy	Author Workshop	Workshop	30th July 2019		
2	Dr.S.Shahar Banu, Dr.G.ShreeDevi Ms.Padmavathy Dr.Muthupriya	Five days FDP on "IBM Design Thinking Agile Software Development"	FDP	01.07.2019- 05.07.2019		
3	Dr.Gufran Ahmed Ansari Dr.A. Jaya	3Day FDP on Introduction to Big Data Analytics by ICT Academy	FDP	7th to 9th August 2019		

	Dr.A.K.Reshmy Dr. G. Shree Devi					
4	Dr. A. Ramya	Five day Hands on Training on Office Tools for Teachers of Higher Education Institutions.	Hands on Training	26-30 Aug 2019	MHRD	
5	Ms.T.Pandiyavathi	Two days National Level seminar on Statistical Methods and Applied Mathematics in Data Science	Seminar	13 <sup>th</sup> - 14th Sep 2019		
6	Dr. A.K.Reshmy, Dr. Sudha Rajesh, Dr. V.J.Sowmya, Shenbaga priya.V	Workshop on Deep Learning and Accelerated computing	Workshop	26th - 27th sep 2019		
7	Dr.N.Srinivasan	International conference on Technology innovation and Data sciences	conference	11th and 12th Oct 2019		
8	Dr.Gufran Ahmed Ansari	Sponsored one week FDP on Artificial Intelligence and Machine Learning using Python	FDP	24th - 29th 2019		
9	Dr.P.Amudhavalli	AICTE Training And Learning (ATAL) Academy,Trivandrum FDP on " Internet of Things (IoT)"	FDP	29.10.2019 – 02.11.2019		

10	Dr. V.Muthupriya	Data Science for Engineers (NPTEL)	NPTEL	Sep - Oct 2019		
11	Bernadetta Kwintiana Ane	IEEE Professional Development Course on Cybersecurity and IC Systems(Democratizing the MBSE process for safety-critical systems using Excel- Course completion)	Professional Development Course	4 October 2019		
12	Dr Zameer Gulzar, Mrs. Saradha	Five day ATAL FDP on “ Artificial Intelligence “ Organised by Department of Information Technology, MIT campus , Chennai ,	FDP	11-15 Nov 2019		
13	Mrs.S.Sabaria	Two Days Workshop on Promoting Academic Research for Journal Publication, Patent and Funding Proposals	Workshop	28-29 Nov 2019		
14	Dr. A.K. Reshmy	2 days Faculty Development Program on “Cyber Crimes, Cyber Security and Digital Forensics	FDP	05th - 06th Dec 2019		
15	Mrs.S.Sabaria	2 days Faculty Development Program on “Cyber Crimes, Cyber Security and Digital Forensics	FDP	05 <sup>th</sup> - 06th Dec 2019		

16	Dr. Gufran Ahmad Ansari	Attended a webinar on Machine Learning Using Python	Webinar	11.12.2019		
17	Dr. Shakila Anjum, S.Srisakthi	Five-day ISEA Faculty training programme on State-of-the-art technologies on Information Security, Organized by Anna University, CEG campus	FDP	2 <sup>nd</sup> Dec 2019 - 6th Dec 2019		
18	T. Pandiyavathi	FDP on Teaching techniques with gamification	FDP	11.12.2019-13.12.2019		
19	Dr.Sudha Rajesh, Dr.Sindhu Ravindran, Dr. V.J.Sowmya	Attended the 5 days AICTE ATAL FDP on "Artificial Intelligence" from 04-12-2019 to 08-12-2019 at IIITDM Kancheepuram	FDP	4th to 8th Dec 2020.		
21	Dr. Gufran Ahmad Ansari	Webinar on " Importance of Cyber Security"	Webinar	17.02.2020		
22	Dr.Sindhu Ravindran	Webinar on " Importance of Cyber Security" conducted at BSARCIST by IANT in association STAR Certification	Webinar	26.02.2020		
23	Dr. A.K. Reshmy	One day workshop on C & C++	Workshop	29th Feb 2020		
24	Dr.S.Shahar Banu.	One day workshop on C & C++	Workshop	29th Feb 2020		

	Dr.G.Shree Devi, Ms.P.Padmavathy					
25	Dr.A.Ramya	National conference at MSU Constitute College, Kadayanallur, NCRQ'20 (2 papers)	Conference	6th March 2020		
26	Bernadetta Kwintiana Ane	Hands-on Workshop on Design and Development of CubeSat Nanosatellite	Workshop	2-3 March 2020		
27	Dr. V.Muthupriya	Programming for Deep learning and Machine learning Algorithms	Webinar	2nd April- 7th April 2020		
28	Mrs.P.Padmavathy	Webinar on Stress Management	Webinar	12th April 2020		
29	Dr. A Abdul Azeez Khan	Sky Campus Knowledge Series Webinar (5 Days)	Webinar	9th April 2020- 14th Apr 2020		
30	Dr. K Javubar Sathick, Dr.N.Ayyanathan	Sky Campus Knowledge Series Webinar (8 Days)	Webinar	9th April 2020- 17th Apr 2020		
31	Dr.Gufran Ahmad Ansri	Data visualization using Tableau software (Webinar)	Webinar	15th April 2020		
32	Dr. G. Shree Devi	AICTE Online course of examination reforms	Online course	15th April 2020- 18th April 2020		
33	Dr. G. Shree Devi	Introduction to Data Science	Webinar	15th April 2020-		
34	Bernadetta Kwintiana	IEEE Professional Development	Profession	18 April 2020		

	Ane	Course on Democratizing MBSE Process for Safety Critical Systems	al Developme nt Course			
35	Mrs. T. Pandiyavathi	Outcome Based Education	Webinar	18.04.2020		
36	Dr. Gufran Ahmad Ansari	Natural Processing Language	Webinar	19.04.2020		
37	Dr. G. Shree Devi	FDP on HTML IIT Bombay	FDP	20th April 2020 to 24th April 2020		
38	Dr. Gufran Ahmad Ansari	AICTE Training And Learning (ATAL) Academy Online FDP on "Block Chain"	FDP	20-24 April2020		
39	Dr.A.Ramya	Online Faculty Development Program on Python 3.4.3 organized by department of Computer Science and Engineering at adhiparashakhi Engineering College, melmaruvathur, Association With Spoken tutorial IIT Bombay	FDP	April 16th - 22nd April 2020		
40	Dr.Sudha Rajesh	2 hours webinar on " Data Visualization using Tableau"	Webinar	April 20th 2020		
41	Dr. A.K. Reshmy	Hands on Training on Python	Workshop	21st and 22nd		



		Programming		April 2019		
42	Dr. Gufran Ahmad Ansari	Thriv in Vuca word with collective responsibility and leadership skills	Workshop	23rd April 2020		
43	Dr. S. Pakkir Mohideen	Webinar on Stree Management by Our HR	Webinar	23.04.2020		
44	Dr. S. Pakkir Mohideen	Webinar on Online Teaching & Branding by ECE Faculty Mr. Sadhish Prabhu.	Webinar	24.04.2020		
45	Dr. V.Muthupriya	FDP on HTML IIT Bombay	FDP	20th April 2020- 24th April 2020		
46	Dr.Sudha Rajesh	Participated in Five days Online FDP on "R programming," conducted by AVIT in association with IIT-Bombay	FDP	20th April 2020- 24th April 2020		
47	Dr.A.Ramya	Passing an online exam, conducted remotely from IIT Bombay, Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India. (HTML)	Online exam	April 24th 2020		
48	Dr.Sudha Rajesh, Dr. A.K. Reshmy	Webinar on "All about Patents and Intellectual Property"	Webinar	26th April 2020		

	Dr.Velappa Jayaraman Sowmya					
49	Dr. Gufran Ahmad Ansari, Dr. S. Pakkir Mohideen, Dr. A.K. Reshmy, Mrs. S. Sabaria	Webinar on " Advanced Business Analytics using R Software"	Webinar	28th April 2020		
50	Dr.A.Ramya	One Day International Webinar on “Research Methodology – Defining and Redefining” Organized by Neville Wadia Institute Of Management Studies & Research	Webinar	28th April 2020.		
51	Dr.A.Ramya	Faculty Development Programme organized by Spoken Tutorial Project, IIT Bombay remotely at K.M.G College of Arts and Science, Gudiyattam (PHP and MYSQL)	FDP	27.04.2020- 01.05.2020		
52	Dr.Sudha Rajesh	2 hours webinar on Advanced Business analytics using R software	Webinar	28th April 2020		

53	Dr. Gufran Ahmad Ansari, Dr Zameer Gulzar, Dr. A.K. Reshmy, Mrs.P.Padmavathy	Online Faculty Development Programme on Moodle Learning Management System	FDP	29th April – 01st May 2020		
54	Dr. A.Ramya	5 Days FDP on " Recent Trends in Bio medical Engineering- Research Perspectives" at Dr. NGP Institute of Technology, MHRD-IIC	FDP	26th - 30th April 2020		
55	Mrs. T. Pandiyavathi	The art of writing research papers	Webinar	29.04.2020		
56	Dr. M.Syed Masood, Ms. Preeti verma	Data visualization using Tableau software (Webinar)	Webinar	30th April 2020		
57	Mrs. T. Pandiyavathi	Online FDP Program On FOSS in association with IIT Bombay	FDP	30.04.2020- 04.05.2020		
58	Dr. Gufran Ahmad Ansari	Participated in the Moodle Learning Management System training organized at Kaypeeyes College of Arts and Science in January 2020	FDP	1st May 2020		
59	Dr. V.Muthupriya	Machine learning for Beginners(Webinar)	Webinar	3rd May 2020		

60	Dr.Gufran Ahmad Ansari, Mrs. T. Pandiyavathi	Webinar on " Turnitin"	Webinar	4th May 2020		
61	Mrs. T. Pandiyavathi	Python 3.4.3 Training	3 Training	04.05.2020		
62	Dr.Sudha Rajesh	Participated in Five days Online FDP on "Arduino," conducted by AVIT in association with IIT-Bombay	FDP	04.05.2020-08.05.2020		
63	Dr.Sudha Rajesh	Attended the 5 days AICTE ATAL Online FDP on "Data Sciences" at MSME - Technology Development Centre (PPDC) Meerut	FDP	04.05.2020-08.05.2020		
64	Mrs. T. Pandiyavathi	Employability skills for the future	FDP	05.05.2020		
65	Dr.P.Amudhavalli	Three days FDP on Emerging Technology "Robotics Process Automation" conducted by Jeppiar Institute of Technology	FDP	4th - 6th May 2020		
66	Dr.A.Ramya	Online Faculty Program on NBA with a passing score of 75% organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai	FDP	05.09.2020		
67	Mrs.S.Sabaria	Webinar on opportunities in E-	Webinar	5th May 2020		

		Commerce				
68	Dr.Sudha Rajesh	Webinar on “ IT Trends Post COVID”, conducted by BSACIST	Webinar	6 <sup>th</sup> May 2020		
69	Dr. A Abdul Azeez Khan, Dr. K Javubar Sathick, Dr.P.Amudhavalli, Ms.Preeti verma, Mrs.S.Sabaria	Webinar on Python for Data Science	Webinar	7th May 2020		
70	Dr.P.Amudhavalli	Webinar on “Digital Marketing - Half-a-trillion-dollar industry” Conducted by Satyabama Institute of Science and Technology in Association with The Institution of Engineers (India)	Webinar	8th May 2020		
71	Dr.Sudha Rajesh	Participated in online Quiz “Robotic Process Automation”, conducted by BSACIST	Online Quiz	8th May 2020		
72	Mrs. T. Pandiyavathi	Course Completed on NAAC awareness programme for faculty	Online Quiz	08.05.2020 - 14.05.2020		
73	Dr.Sudha Rajesh	Webinar on “Digital Marketing - Half-a-trillion-	Webinar	8th May 2020		

		dollar industry”, conducted by Sathyabama Institute of Science and Technology				
74	Dr.Sudha Rajesh	Webinar on Industrial Based Embedded Automation, conducted by Sri Ranganathar Inst. of Engg. and Tech.	Webinar	8th May 2020		
75	Dr. Gufran Ahmad Ansari	Participated "Startup story: Artificial Intelligence Precision Agriculture controller"	Webinar	8th May 2020		
76	Mrs. T. Pandiyavathi	India first Leadership talk	Webinar	09.05.2020		
77	Dr.Sudha Rajesh	One day Online Faculty Development Program on “Machine Learning for Beginners”, conducted by Sathyabama Institute of Science and Technology	FDP	9th May2020		
78	Dr.Sudha Rajesh, Dr.Sindhu Ravindran	Participated in online Quiz "Machine Learning", conducted by BSACIST	Online Quiz	9th May 2020		
79	Mrs. T. Pandiyavathi	Advanced OBE-Identifying weaker students and remedial actions	Webinar	09.05.2020		

80	Dr.Sudha Rajesh	Webinar on Digital Learning- Adopted by Chance-Let's adopt by choice, conducted by CIT, Chennai	Webinar	May 9th and 16th 2020		
81	Dr. A.K. Reshmy	Webinar	Webinar	09th to 13th May 2020		
82	Mrs.S.Sabaria	Faculty Program on NBA	FDP	10th May 2020		
83	Dr. Gufran Ahmad Ansari	Two days FDP program " Ruby Programming"	FDP	11-12 May 2020		
84	Ms. Preeti verma	AICTE Training And Learning (ATAL) Academy Online FDP on "Data Analytics"	FDP	11.05.2020- 15.05.2020		
85	Dr.A.Ramya, Mrs.S.Sabaria	AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence " at MSME- Technology Development Centre (PPDC), Meerut.	FDP	11.05.2020- 15.05.2020		
86	Dr.A.Ramya	Amazon Web Services Summit Online		13.05.2020		
87	Dr.P.Amudhavalli	AICTE Training And Learning (ATAL) Academy,Pune - Online FDP on "Artificial Intelligence"	FDP	13.04.2020- 17.04.2020		

88	Dr.S.Shahar Banu, S.Srisakthi, Mrs. T. Pandiyavathi	Webinar on Star Certificate Devops Expert	Webinar	13.05.2020		
89	Dr.Sudha Rajesh	Webinar on Introduction on Image Quality Measures, conducted by CIT, Chennai	Webinar	13th May 2020		
90	Dr.Sindhu Ravindran	Five days Webinar on Industrial Applications of Artificial Intelligence, conducted by Sri Venkateshwara College of Technology, Sriperumbudur.	Webinar	11.05.2020- 15.05.2020		
91	Dr.Sindhu Ravindran	Webinar on Ethical Hacking Conducted by Star Ethical Hacking Expert (EHE).	Webinar	14.05.2020		
92	Dr.Sudha Rajesh, Ms.S.Srisakthi, Dr.S.Shakila Anjum	Attended three days Online FDP on "Trending Technologies", conducted by BSACIST	FDP	14th-16th May 2020		
93	Mrs. T. Pandiyavathi	Research, Innovation and Entrepreneurship Opportunities in Covid-19	Webinar	15th May 2020		
94	Dr.A.Ramya	National Conference at KPR Institute	Conference	15th May 2020		



		of Engineering and Technology "SDIP'20" (3 papers)				
95	Dr. Gufran Ahmad Ansari, Ms. Bernadetta Kwintiana Ane, Dr. A.K. Reshmy, Mrs. P. Padmavathy	Online workshop on Scientific Writing for Journals organized by Springer Nature	Webinar	15th May 2020		
96	Dr. Sudha Rajesh	Webinar on Computer vision overview, conducted by CIT, Chennai	Webinar	16th May 2020		
97	Mrs. T. Pandiyavathi	Leadership talk by MHRD	Webinar	16th May 2020		
98	Dr. Gufran Ahmad Ansari	AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security"	FDP	18-22 May 2020		
99	Dr. A. Ramya	Principles of Management Faculty Development Program conducted by CSE Department from Panimalar Institute of Technology in association with CSI and IEEE Computer Society.	FDP	18.05.2020- 22.05.2020		

100	Mrs.P.Padmavathy	6 days FDP on Challenges in Higher education post Covid 19,	FDP	18th - 23rd May 2020		
101	Dr.Sudha Rajesh	Attended the 5 days AICTE ATAL workshop on "Cyber Security" (NIT Warangal).	FDP	18th May 2020 - 22nd May 2020		
102	Dr.S.Srisakthi	Webinar on Big Data Analytics	Webinar	18th May 2020		
103	Dr.Sindhu Ravindran	Participated in E-Quiz named "Test Your Knowledge in Plagiarism" conducted by Office of Dean (Research), BSARCIST with 91%	E-Quiz	18.05.2020		
104	Dr.A.Ramya	AICTE Training And Learning (ATAL)Academy Online FDP on "Cyber Security" at National Institute of Technology, Warangal.	FDP	18.05.2020- 22.05.2020		
105	Mrs. T. Pandiyavathi	IEEE Reference management tool for research articles and thesis writing	Webinar	20 <sup>th</sup> May 2020		
106	Ms.Bernadetta Kwintiana Ane	Webinar on Mapping Dynamic Immunity	Webinar	20 <sup>th</sup> May 2020		
107	Mrs. T. Pandiyavathi	Webinar on Scientific writing for	Webinar	20 <sup>th</sup> May 2020		

		Journals				
108	Bernadetta Kwintiana Ane	ISIEINDIA Online Course on Electric Solar Vehicles	Online Course	21-23 May 2020		
109	Dr Zameer Gulzar, Dr. A.K. Reshmy	Webinar on Internet of Things	Webinar	22nd May 2020		
110	Dr.A.Ramya	Online Faculty Development Program On "Artificial Intelligence" organized by Department of Computer Science and Engineering of Vardhaman College of Engineering in collaboration with BrainOvision Solutions India PVT.Ltd.	FDP	22.05.2020-26.05.2020		
111	Dr. Gufran Ahmad Ansari, Dr Zameer Gulzar	Webinar on "Various Project Opportunities for DST Funding – Strategies on International Cooperation"	Webinar	23rd May 2020		
112	Mrs.T. Pandiyavathi	FDP on Robotic process Automation and Machine learning techniques	FDP	23rd May 2020		
113	Dr.V.Muthupriya	Neural Networks and its Applications	Webinar	24 – 25th May 2020		

114	Dr.Sindhu Ravindran	Participated in E-Quiz Programme of Awareness of COVID -19 and need of physical activity conducted by Department of Physical Education, BSACIST	E-Quiz	24.05.2020		
115	Dr.A.Ramya	International FDP on "Innovative Trends In Engineering And Technology" organized by IQAC, Shree. L. R. Tiwari College of Engineering	FDP	25th to 29th May, 2020		
116	Dr. A.K. Reshmy, Mrs.S.Sabaria	AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence"	FDP	25-29th May 2020		
117	Mrs. R. Shahtaj	5 days FDP on" Impact of Internet of Things on society"	FDP	25-29th May 2020		
118	Dr. Gufran Ahmad Ansari	Webinar on Software Testing	Webinar	26th May 2020		
119	Dr. Gufran Ahmad Ansari	Participated Scilab Training organized at St. Joseph's Institute of Technology	Webinar	27th May 2020		
120	Dr.A.Ramya	National Level Quiz on NAAC	Quiz	27.05.2020		

		organized by Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22.				
121	Mrs. T. Pandiyavathi	Outcome Based Education	Webinar	28th May 2020		
122	Mrs. R. Shahtaj	Webinar on "Machine intelligence"	Webinar	29th May 2020		
123	Mrs. T. Pandiyavathi	The real time simulation of industry 4.0 ecosystem	Webinar	29th May 2020		
124	Mrs. T. Pandiyavathi	Leadership talk by MHRD		29th May 2020		
125	Mrs. T. Pandiyavathi	Research measurements and parameters for faculty publications	Webinar	30th May 2020		
126	Dr. Velappa Jayaraman Sowmya Dr.V.Shenbagapriya	5 days Webinar on data science Artificial Intelligence and ML	Webinar	11 – 15th May 2020		
127	Mrs. R. Shahtaj	Webinar on software development, software quality and software testing	Webinar	30,31 May and 1 June 2020		
128	Ms.Bernadetta Kwintiana Ane	Online Course on AWS Cloud Practitioner Essentials	Webinar	21 May - 8 June 2020		
129	Dr.S.Shahar Banu	Webinar on Digital Transformation Through Mobile Applications	Webinar	04.06.2020		
130	Mrs. T. Pandiyavathi	National level E-Quiz on Java	Quiz	04.06.2020		

		Programming with 75%				
131	Mrs. T. Pandiyavathi	Online assessment- Awareness about National innovation and startup	Quiz	07.06.2020		
132	Dr Zameer Gulzar	Six Days FDP on “Modern IoT Technology Tools & Design For Real Time Applications”	FDP	4th to 9th June 2020		
133	Dr.V.Muthupriya	Five days Webinar series on Recent advancements in AI,IoT and Data Science	Webinar	8th to 12th June 2020		
134	Mrs. T. Pandiyavathi	Five days fdp on Research Methodologies tools and techniques	FDP	08.06.2020-12.06.2020		
135	Dr.Sindhu Ravindran	National level E-Quiz in Basic Electronics, IEEE Student Branch by Sathyabama Institute of Science and Technology with 65%	Quiz	08.06.2020		
136	Dr.Sudha Rajesh	webinar on “Data Visualization”	Webinar	8th June 2020		
137	Mr.A.Salman Ayaz	Webinar on Modern Web Application Development using Agile	Webinar	9th June 2020		
138	Dr. S. Pakkir Mohideen	Webinar on Ethics and Values of Alhaj Dr. BS Abdur Rahman	Webinar	9th June 2020		

139	Dr.P.Amudhavalli	AICTE Training and Learning (ATAL) Academy, Central University of Kerala, Five days Online FDP on "Data Sciences"	FDP	9th to 13th June 2020		
140	Mrs. T. Pandiyavathi	Bio sensors	Webinar	10.06.2020		
141	Mrs. T. Pandiyavathi	Artificial Intelligence- MLOps Technology	Webinar	10.06.2020		
142	Dr.Sudha Rajesh	3 days online Faculty Development Programme on "Devops and Cyber security ", organised by St.Joseph's College of Engineering	FDP	10th to 12th June 2020		
143	Dr.Sindhu Ravindran	Webinar on "Tips on effective ways of Scientific Literature search" conducted by CIT, Chennai	Webinar	11.06.2020		
144	Mr.A.Salman Ayaz	FDP on Exploring Python 3.4.3-IIT Bombay	FDP	11th to 14 <sup>th</sup> , June 2020		
145	Mr.V.M.Niaz Ahamed	Webinar on block chain, st Joseph's Engineering College, Chennai	Webinar	12th June2020		
146	Dr.Sindhu Ravindran	Participated in Qizonics 2020, conducted by SRMIST, Vadapalani Campus	Quiz	12.06.2020		

147	Dr. Gufran Ahmad Ansari, Dr. A.K. Reshmy, Mr.A.Salman Ayaz, Dr.Sindhu Ravindran	Webinar on Cyber Forencis and the Current Challenges	Webinar	13th June 2020		
148	Dr.Sudha Rajesh	Online Two days "Faculty Development Programme on Cloud Computing Models, Architectures and Standards ", organized by JSRR Engg. College	FDP	15th & 16th June 2020		
149	Dr.Sudha Rajesh	3 Days IEEE WORKSHOP on Computer Vision & Machine Learning using OPEN CV , organized by Panimalar Institute of Technology	Workshop	15th to 17th June 2020		
150	Dr.V.Muthupriya	Two weeks Live on-line FDP in Application of Moodle LMS	FDP	11th to 25th June 2020		
151	Dr.V.Muthupriya	MHRD sponsored Five days FDP on Cyber Security Techniques and Tools	FDP	15th to 19th June 2020		
152	Dr.Sudha Rajesh	Workshop on Computer Vision and	Workshop	15.06.2020-		



		Machine Learning Using Opencv		17.06.2020		
153	Dr.V.Muthupriya	Step by step guide for Journal Writing	Webinar	18th to 23rd June 2020		
154	Dr.S.Shahar Banu, Mrs.P.Padmavathy	Webinar on Internet of Things Security	Webinar	18.06.2020		
155	Dr.Velappa Jayaraman Sowmya	RBCDSAI's International Summit on Medical drugs , Cancer Research ,Brain Research , Data Science and AI		18 - 20th June 2020		
157	Dr.Sudha Rajesh	5 Days FDP on Emerging Technology Trends in Fourth Industrial Revolution World	FDP	22.06.2020- 26.06.2020		
158	Dr.S.Shahar Banu	Webinar on Role of Bigdata Analytics in Healthcare	Webinar	23.6.2020		
159	Dr. A.K. Reshmy	Online Faculty Development Programme included a demonstration with organised hands on exposure in Python 3.4.3	FDP	24th - 29th June 2020		
160	Mrs.P.Padmavathy	Faculty Development Programme on Python Programming in association with Spoken Tutorial, IIT Bombay.	FDP	24.06.2020- 29.06.2020		

161	A.Salman Ayaz	Research Paper to Patent Filing- A Roadmap	Webinar	25.06.2020		
162	Dr.S.Shahar Banu, T. Pandiyavathi	Five days FDP on Agile Software Devops	FDP	25.06.2020- 29.06.2020		
163	Dr.A. Ramya	e-National E- Conference on Hardware Security-NCHS'20 Organized by the Department of Electronics and Communication Engineering	Conference	25th - 26th June 2020		
164	Dr.S.Shahar Banu, Mrs.P.Padmavathy	Webinar on Research Paper to Patent Filing -A Road map	Webinar	25.06.2020		
165	Dr.A. Ramya	Webinar on "Research Opportunities In Underwater Communication" organized by the Department of Electronics and Communication Engineering in association with the IETE student forum of Easwari Engineering College	Webinar	26th June 2020		
166	Dr.Sudha Rajesh	Virtual International webinar on cognitive computing and ADHD: My child has ADHD-How to discover		26th June 2020		

		symptoms and treatment for them?				
167	A.Salman Ayaz	7 Days FDP on Recent Innovative Technologies	FDP	27.06.2020-02.07.2020		
168	Dr.A. Ramya	Two days International Webinar on “Quality Education and Opportunities” organized by Department of Biomedical Engineering in association with MHRD - Institution’s Innovation Council .	Webinar	27th and 28th June 2020		
169	Dr.A. Ramya	One Week FDP on "Embracing the Creative side of Teaching and Learning Methods”	FDP	29 June to 3rd July 2020		
170	A.Salman Ayaz	Webinar on machine learning for All	Webinar	01.07.2020		
171	Mrs.P.Padmavathy	FDP on Developing E-Content for Effective Teaching Learning	FDP	01.07.2020-02.07.2020		
172	S.Sabaria	Spoken Tutorials Online Test	Webinar	01.07.2020-03.07.2020		
173	Dr.P.Amudhavalli	Build a BasicApplication Using Lookup Tool in Excel	Webinar	01Jul 2020		
174	Dr. A.K. Reshmy	Webinar on Machine Learning using	Webinar	06th July 2020		

		R				
175	T. Pandiyavathi	How to transform from traditional teaching mode to effective online teaching with available e-resources: Preparedness	Webinar	07.07.2020		
176	Dr.Sudha Rajesh	3 Days FDP on Emerging Online Teaching Methodologies	FDP	10.07.2020- 12.07.2020		

6. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
3	-	6	-	-	-	13	1	23

7. Details Of Publication In National & International Journals & Conferences: (IEEE Format)

International Journal& National Journal

a) SCI/Scopus Indexed Journal

b) Other journals

1. Rhmann, W., Pandey, B., Ansari, G., and Pandey, D.: 'Software fault prediction based on change metrics using hybrid algorithms: An Empirical Study', Journal of King Saud University-Computer and Information Sciences, 2020, 32, (4), pp. 419-424
2. France, K., and Jaya, A.: 'Classification and retrieval of thoracic diseases using patch-based visual words: a study on chest x-rays', Biomedical Physics & Engineering Express, 2020, 6, (2), pp. 025015.
3. Venkat, Jaya & Ayaz, Salman. (2020). Recommendation based meta-search engine for suggesting relevant documents links. International Journal of Information and Communication Technologies in Education. 16.
4. Murugesh, S., and Jaya, A.: 'An integrated approach towards automated software requirements elicitation from unstructured documents', Journal of Ambient Intelligence and Humanized Computing, 2020, pp. 1-11.
5. Sunitha, C., Jaya, A., and Ganesh, A.: 'Automatic summarization of Malayalam documents using clause identification method', International Journal of Electrical & Computer Engineering (2088-8708), 2019.
6. Masood, M.M.D., Arunarani, A., Manjula, D., and Sugumaran, V.: 'An efficient algorithm for identifying (l, d) motif from huge DNA datasets', Journal of Ambient Intelligence and Humanized Computing, 2020, pp. 1-11.
7. S. Sabaria, A. K. Reshmy, P.Amudhavalli, A.Ramya. (2020). Learning Based Facial Aesthetic Prediction Using Wrapper Feature Selection Approach. International Journal of Advanced Science and Technology, 29(9s), 6790 - 6802. Retrieved from <http://sersc.org/journals/index.php/IJAST/article/view/20426>.
8. Saravanan, Thillai Sivakavi. (2020). An Approach for Image Enhancement based on Improved Joint Bilateral Retinex. International Journal of Engineering Research and. V9. 10.17577/IJERTV9IS030501.
9. Srisakthi, S., and Shanthy, A.: 'Towards the Design of a Stronger AES: AES with Key Dependent Shift Rows (KDSR).
10. Priya, V.S., and Ramyachitra, D.: 'Multiple Kernel Based Remote Sensing Vegetation Classifier with Levy Optimized Subspace', Wireless Personal Communications, 2020, 111, (1), pp. 357-374.

11. Padmavathy, P., and Mohideen, S.P.: 'An efficient two-pass classifier system for patient opinion mining to analyze drugs satisfaction', Biomedical Signal Processing and Control, 2020, 57, pp. 1017-55.
12. Saradha, R , and Sudha Rajesh: 'A Study on Data Science Methodologies and Analytics', Journal of Computer Science and Artificial Intelligence, 2020, 2(1), pp.4-7.
13. Nisha Joseph, D. Murugan, Basil John Thomas, Ramya A: 'Brain Tumor Segmentation Using Deep Convolution Neural Network And Support Vector Machine, Journal Of Critical Reviews, 2020, ISSN- 2394-5125 VOL 7, ISSUE 19.
14. Nisha Joseph, D. Murugan, Basil John Thomas, Ramya A: 'Deep Weber Dominant Local Order Based Feature Generator and Improved Convolution Neural Network for Brain Tumor Segmentation in MR Images', 2020, ISSN: 2249 – 8958, Volume-9 Issue-3
15. Thillai Sivakavi Saravanan, S.P.V.: 'An Analysis of Non-Linear Contrast Enhancement Methods of Digital Image', International Journal of Recent Technology and Engineering (IJRTE) May 2020, Volume-9 (Issue-1), pp. 850-853.
16. T.Pandiyavathi, T.M.: 'Restructuring with Moora and Measuring Code Smells', International Journal of Innovative Technology and Exploring Engineering (IJITEE), October 2019, Volume-8 (Issue-12), pp. 1817-1820.

International Conference & National Conference:

- a) Conference with ISBN Proceedings
- b) Other Conference

1. Padmavathy, P., Mohideen, S.P., and Gulzar, Z.: 'A Novel Architecture for a Two-Pass Opinion Mining Classifier', in Editor (Ed.)^(Eds.): 'Book A Novel Architecture for a Two-Pass Opinion Mining Classifier' (Springer, 2019, edn.), pp. 27-35.

2. Dhanalakshmi, J., and Ayyanathan, N.: 'An Implementation of Energy Demand Forecast using J48 and Simple K Means', in Editor (Ed.) ^ (Eds.): 'Book an Implementation of Energy Demand Forecast using J48 and Simple K Means' (IEEE, 2019, edn.), pp. 174-178.
3. A. Jaya, A. Abdul Azeez Khan. "Acquiring Learner's requirements for E-learning using Crowd sourcing" ", in the proceedings of seventh International Conference on Business Analytics and Intelligence (BAICONF) organized by IIMB Bangalore during 5th to 7th December 2019.
4. Priya N, A. Jaya , "An Understanding Of Crowd sourcing Techniques In Agriculture: A Survey " in the proceedings of 8th International conference on Applied Science, Engineering and Technology (ICASET 19)" organized by organized By Institute For Engineering Research and Publication (IFERP) during 30th and 31st December 2019.
5. R. Akila, S. Revathi and G. Shreedevi, "Opinion Mining on Food Services using Topic Modeling and Machine Learning Algorithms," 2020 6th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2020, pp. 1071-1076, doi: 10.1109/ICACCS48705.2020.9074428.
6. A.Salman Ayaz, A.Jaya , "Online Document Recommender System Architecture" in the proceedings of National level conference on Computer Science and Mathematics during 4th & 5th April 2019 organized by School of Computer Information and Mathematical Sciences, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai.
7. Nisha Joseph, Dr.D.Murugan, Dr.A.Ramya, "A brief survey on MRI brain lmae segmentation uisng processing techniques", International Conference on Computational Intelligence and Digital Technologies (ICCIDT-2k20), 15th and 16 th June 2020, International Journal of Advances in Computer Science and Technology, ISSN 2320 – 2602.

8. Details of Impact Factor of the Publication and H-Index

A) Range B) Average C) H-Index D) No. In Scopus

A) Range	-
B) Average	-
C) H-Index	-
D) No. In Scopus	9

9. Sponsored Research (Ongoing / Applied)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1.	Dr.A.Jaya	DST – SC/ST hub	Enriching life of Narikuravas (ST) through Technology Interventions in Kancheepuram Dist.					Submitted, Sep2019 (Rs.1,13,15,700)



		DST – TIDE	Computer Based Intervention for Intellectual Disabilities					Submitted Oct 2019 Rs.34,93,000
		DBT	Childhood Pneumonia Screening System					Submitted, Oct2019 Rs.27,16,230
2.	Dr.Srinivasan Dr.S.Pakkir Mohideen Dr.Revathy		Handheld Devices based Fuzzy analysis of 3D Mammograms to Diagnose and Treat Cancer					Submitted Oct 2019
3.	Dr. A. Ramya	Pondicherry University, School of Education, Pandit Madan Mohan Malaviya, National	e-Learning and e-Content Management System Via Mobile Application	-				Submitted September 29

		Mission on Teachers and Training						
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#### 10. Book Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	\$		
1.	Dr.A. Jaya, Dr.P.Sheik Abdul khader, Dr.Abdul Azeez Khan, Dr.Javubar sathick	Big Data Analytics and Visualization” with ISBN no: 978-81-945650-4-8	250		Arvind Associates	yes
2.	Dr. Faraz Hasan	Toward a Model of Investigating “Coordinated Stasis” Through Habitat Tracking in Communities of Digital Organisms. In: Banzhaf W. et al. (eds) Evolution in Action: Past, Present and		EUR 24.9 5	Springer, Cham	Yes

		Future. Genetic and Evolutionary Computation. Springer, Cham.				
3.	Dr. Zameer Gulzar	Chapter: Towards Increasing the Efficiency of E-learning Systems Using Recommendation System Approach”, Book on Utilizing Educational Data Mining Techniques for Improved Learning, August, 2019. ISBN:-978-17-99800-10-1.		\$30	IGI, Publications USA	Yes

#### 11. Patents (Obtained / Applied)

S.No	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1.	A Method for Tracing and Monitoring the Ambulance Vehicles	Application No.: 201941033109A	Publication Date 06.09.2019.	-	NIL

2.	An Apparatus for Overtopping Prevention for Vehicles and a Method Thereof	Application No. : 201941045513A	Publication Date: 29.11.2019	-	NIL
3.	Online System for E-Farming	Application No. : 202041010223 Filing Date: 10-03-2020		-	NIL
4.	System and Method for Solar Powered Washing Machine for Industrial Purposes	Application No. : 202041030315	Publication Date: 31.07.2020	-	NIL
5.	lot Based Bend Sensor For Seriouslyill-Patients in ICU	Application No. : 202011010998	Publication Date: 20.03.2020	-	NIL

## 12. Achievements of Students

S.No	Name of the student	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	V.Vimal (II BCA)	Silambam (First)	Chennai Medical College, Chennai	Apr-19
2.	G.Anwar Hameed (I BCA)	Ball badminton (Runner)	Mohamed Sathak A.J.College of Engineering, Chennai	Aug-19
3.	Mohamed Adil.S (I BCA)	Islamic Cultural Event, "Quiz" (Participated)	BSACIST	Aug-19
4.	Fayaz Ahamed.J (I BCA)	Islamic Cultural Event, "Quiz" (Participated)	BSACIST	Aug-19
5.	Asif Rahman.M (I BCA)	Islamic Cultural Event, "Quiz" (Participated)	BSACIST	Aug-19
6.	Akash.A (I BCA)	Islamic Cultural Event, "Onspot Events" (Participated)	BSACIST	Aug-19
7.	Mohamed Mufeeth.N (I BCA)	Islamic Cultural Event, "Quiz" (Participated)	BSACIST	Aug-19
8.	Mohamed Mufeeth.N	Islamic Cultural	BSACIST	Aug-19

	(I BCA)	Event, "Caccigrsphy" (Participated)		
9.	Jude Elijah.R (I BCA)	Islamic Cultural Event, "Onspot Events" (Participated)	BSACIST	Aug-19
10.	Vimal.V (II BCA)	Orion 2019 (Participated)	BSACIST	Aug-19
11.	Harini (I BCA)	Crescent Creative Strokes "Rangoli" (Won 1st price)	BSACIST	Aug-19
12.	Gokul Priya (I BCA)	Crescent Creative Strokes "Rangoli" (Won 1st price)	BSACIST	Aug-19
13.	Ashwini (I BCA)	Crescent Creative Strokes "Rangoli" (Won 1st price)	BSACIST	Aug-19
14.	Saria Begam (I BCA)	Crescent Creative Strokes "Rangoli" (Won 1st price)	BSACIST	Aug-19
15.	Saria (I BCA)	Crescent Creative Strokes "Calligraphy" (Won 1st price)	BSACIST	Aug-19

16.	Hamthul Meera (I BCA)	Crescent Creative Strokes"Calligraphy" (Participated)	BSACIST	Aug-19
17.	Malini (I BCA)	Islamic Cultural Event,"Elocution" (Participated)	BSACIST	Aug-19
18.	M.Ahamed Rizwan ( I B.Sc)	Crescent Creative Strokes"Calligraphy" (Participated)	BSACIST	Aug-19
19.	M.Ahamed Rizwan ( I B.Sc)	Islamic Cultural Event,"Quiz" (Participated)	BSACIST	Aug-19
20.	Mohamed Ashik.S.K ( I B.Sc)	Islamic Cultural Event,"Quiz" (Participated)	BSACIST	Aug-19
21.	Mohamed Ashik.S.K ( I B.Sc)	Crescent Creative Strokes"Calligraphy" (Participated)	BSACIST	Aug-19
22.	Syed Ajmal.K (I BCA)	Donated Blood (Participated)	BSACIST	Aug-19
23.	Anwar Hameed.G (I BCA)	Mohamed Sathak Trophy (Participated)	Mohamed Sathak A.J. College of Engineering	Aug-19
24.	K.S.Gowthaman	Crescent Creative	BSACIST	Aug-19

	(I BCA)	Strokes" Tug of War" (Participated)		
25.	M.Kishore Kumar (I BCA)	Crescent Creative Strokes"Face Printing" (Participated)	BSACIST	Aug-19
26	Mohamed Irshad (I B.Sc)	Islamic Cultural Event,"ADHAN" (Participated)	BSACIST	Aug-19
27.	Mohamed Irshad (I B.Sc)	Islamic Cultural Event,"On SPOT" (Participated)	BSACIST	Aug-19
28.	Kavichelvan.R.V (I B.Sc)	Islamic Cultural Event,"Quiz" (Participated)	BSACIST	Aug-19
29.	Jagadish.K (I B.Sc)	Crescent Creative Strokes"Face Printing" (Participated)	BSACIST	Aug-19
30.	R.V. Kavichelvan (I B.Sc)	Crescent Creative Strokes" Tug of War" (Participated)	BSACIST	Aug-19
31.	T.Bhuvaneshwaren (I B.Sc)	Crescent Creative Strokes" Tug of War" (Participated)	BSACIST	Aug-19
32.	Mohamed Kaif.S	Crescent Creative	BSACIST	Aug-19



	(I BCA)	Strokes"Calligraphy" (Won 1st price)		
33.	Mohamed Rabeek ( I B.Sc)	Islamic Cultural Event,"Quiz" (Participated)	BSACIST	Aug-19
34.	G.Keshav ( I B.Sc)	Islamic Cultural Event,"Quiz" (Participated)	BSACIST	Aug-19
35.	Mohamed Farook Azeem ( I B.Sc)	Islamic Cultural Event,"On SPOT" (Participated)	BSACIST	Aug-19
36.	Mohamed Farook Azeem ( I B.Sc)	Crescent Creative Strokes"Calligraphy" (Participated)	BSACIST	Aug-19
37.	Dishan Nirmal ( I B.Sc)	Islamic Cultural Event,"Quiz" (Participated)	BSACIST	Aug-19
38.	M.Alagu Rangarajan ( I B.Sc)	Crescent Creative Strokes"Face Printing" (Participated)	BSACIST	Aug-19
39.	M.Alagu Rangarajan ( I B.Sc)	Crescent Creative Strokes"Tug of War" (Participated)	BSACIST	Aug-19
40.	S.Ganesh	Crescent Creative	BSACIST	Aug-19

	( I B.Sc)	Strokes"Face Printing" (Participated)		
41.	S.Ganesh ( I B.Sc)	Crescent Creative Strokes"Tug of War" (Participated)	BSACIST	Aug-19
42.	U.A.Mathew Thomas (I BCA)	Crescent Creative Strokes"Face Printing" (Participated)	BSACIST	Aug-19

### 13. Developmental Activities

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
Developmental Activities : Students					
1.	Career growth and the Significant parameters needed to enrich and enhance the career of the students	06.09.2019	All BCA, Bsc, MCA students	Career growth and Job opportunity available	More than 150 students participated

2.	Confidence Building Measures	30.01.2020	III Semester MCA	Career growth and soft Skills	85 Students participated
3.	Building Simple Applications using JavaScript	18.06.2020	III Semester MCA	As demand from the MCA student	70 Students participated
4.	Time to Quiz	06.03.2020	Inter-departmental	Awareness on Android Mobil applications	36 Students participated
Developmental Activities : Faculty					
5.	One week FDP sponsored on Artificial Intelligence and Machine Learning using Python	24th to 29th 2019	Dr.Gufran Ahmed Ansari		
6.	Data Science for Engineers (NPTEL)	Sep - Oct 2019	Dr. V.Muthupriya		
7.	IEEE Professional Development Course on Cybersecurity and IC Systems(Democratizing the MBSE process for safety-critical systems using Excel-Course completion)	4 October 2019	Bernadetta Kwintiana Ane		

#### 14. Industry / Institute Collaboration

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1	IBM Bangalore	STTP	16.12.2019- 21.12.2019	Completed		42 participant-Rs 1,05000/

#### 15. Society Activities

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1.	CSI	FDP 14.05.2020- 16.05.2020	75			Dr. T. Ruso, Associate Consultant, Wipro Ltd  Dr. D. Senthilkumar, AP, Department of CSE, University College of Engineering, Anna	75 Certified	

						University, Tiruchirapalli		
2.	CSI	FDP 30.05.2020- 01.06.2020	35			Mr.Harishankar Vaikom Mahadevan, Project Leader in DXC Tech	35 Certified	
3.	CSI	FDP 06.07.2020- 10.07.2020	64			Dr. Manish T I, Professor & Dean, Dept of CSE, ASIET, Kalady.	64 Certified	
						Dr.M.G.Sumithra, Professor/ Head CFRD NVIDIA DLI instructor, KPR Inst. of Engg & Tech		
						Dr.A.Ramya, Assistant professor, Dept. of CA, BSARC IST.		
						Dr.J.Nithyashri Professor, Dept. of CSE		

						PSVP Engg. College.		
						Mr.V.Chandran AP, Dept. of ECE, NVIDIA DLI Certified Instructor KPR Inst. of Engg & Tech		
4.	CSI	SDP 30.06.2020		87		-	87 Certified	
5.	CSI	SDP 12.07.2020		80		Dr. Badri Seshadri, Managing Director, SynProSoft-CHENNAI	80 Certified	

#### 16. Important Visitors

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1.	Prof. Fakrul Yusoff	Faculty of Computer and Mathematical Science (FSKM) Universiti Teknologi MARA (UiTM)	Delivered a TechTalk to the students of CSE, IT and CA on 14th October 2019	

		(Malaysia)		
2.	Mohammed Hussain. V	Senior Project Engineer, Wipro Technologies Pvt. Ltd.	Delivered a TechTalk on Hadoop on 12th Feb 2020	

## DEPARTMENT OF MATHEMATICS & ACTUARIAL SCIENCE

### 1. Value Added Programmes Started

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Numerical Methods	13.02.2020	12.03.2020		14	-	

### 2. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Current challenges and future prospects for actuaries	Two days workshop	23-1.2020 to 24.1.2020	TNSCST	4 certified Actuaries	14	40	12	80





3. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1	Two days workshop	23.01.2020 - 24.01.2020	Rs. 10,000	

4. Conferences / FDP / Seminars / Workshops Attended

S.No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs)
1	Dr. A. Bernick Raj	Ethical hacking and cyber security	FDP	11.03.2020 - 13.03.2020	BSACIST	
2	Dr.Syed Siddiqua begum	FDP in HTML	FDP	20.04.2020 - 24.04.2020		
3	Dr.Syed Siddiqua begum	FDP in LATEX	FDP	30.04.2020 – 04.05.2020		
4	Dr. A. Manshath	Big data analytics and business intelligence	Workshop	16.12.2019 - 21.12.2020	BSACIST	

5. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
3		1		3		5		12

#### 6. Details of Impact Factor of the Publication and H-Index

- A) Range                    0.3 -3.5
- B) Average                0.74
- C) H-Index                10
- D) No. In Scopus        6

#### 7. International Visits By Faculty / Students

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country Visited	Purpose of visit	Period of visit	Outcome
1	Ms.Rupel Nargunam	US IEF fellowship	US	One year fellowship	June 2019- May 2020	US Fulbright fellowship award

8. Achievements of Staff

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Dr.P.Sheik Uduman	Outstanding Alumni award	Jamal Mohamed College	August 2019



9. Achievements of Students:

All the students of fourth semester have internship from insurance companies for project work.

10. Society Activities

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1	Actuarial Society of Crescent	Guest Lecture	2	40		Mr.K.M.Sathish	Knowledge enrichment	
2	Actuarial Society of Crescent	Guest Lecture	2	40		Mr.Joseph Balaji	Knowledge enrichment	



## **SCHOOL OF ELECTRICAL & COMMUNICATION SCIENCES**

- **Department of Electrical & Electronics Engineering**
- **Department of Electronics & Communication Engineering**
- **Department of Electronics & Instrumentation Engineering**

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### 1. Value Added Programmes Conducted

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Python Programming	Jan 2020 to May 2020	45	IIT Bombay	88 (B.Tech-EEE) (II,III,IV Year)	-	-
2	Python Programming	Jan 2020 to May 2020	45	IIT Bombay	22 (B.Tech-EEE- Part Time)	-	-
3	C/C++	Jan 2020 to May 2020	45	IIT Bombay	9 B.Tech-EEE) (IV Year	-	-
4	RUBY	Jan 2020 to May 2020	45	IIT Bombay	1 B.Tech-EEE) (IV Year	-	-
5	GIMP	Jan 2020 to May 2020	45	IIT Bombay	3 B.Tech-EEE)	-	-

					(IV Year		
6	OSCAD(ESIM)	Jan 2020 to May 2020	45	IIT Bombay	1 B.Tech-EEE) (IV Year	-	-
7	Java	Jan 2020 to May 2020	45	IIT Bombay	1 B.Tech-EEE) (IV Year	-	-
8	Linux	Jan 2020 to May 2020	45	IIT Bombay	1 B.Tech-EEE) (IV Year	-	-

## 2. Training Programmes Offered

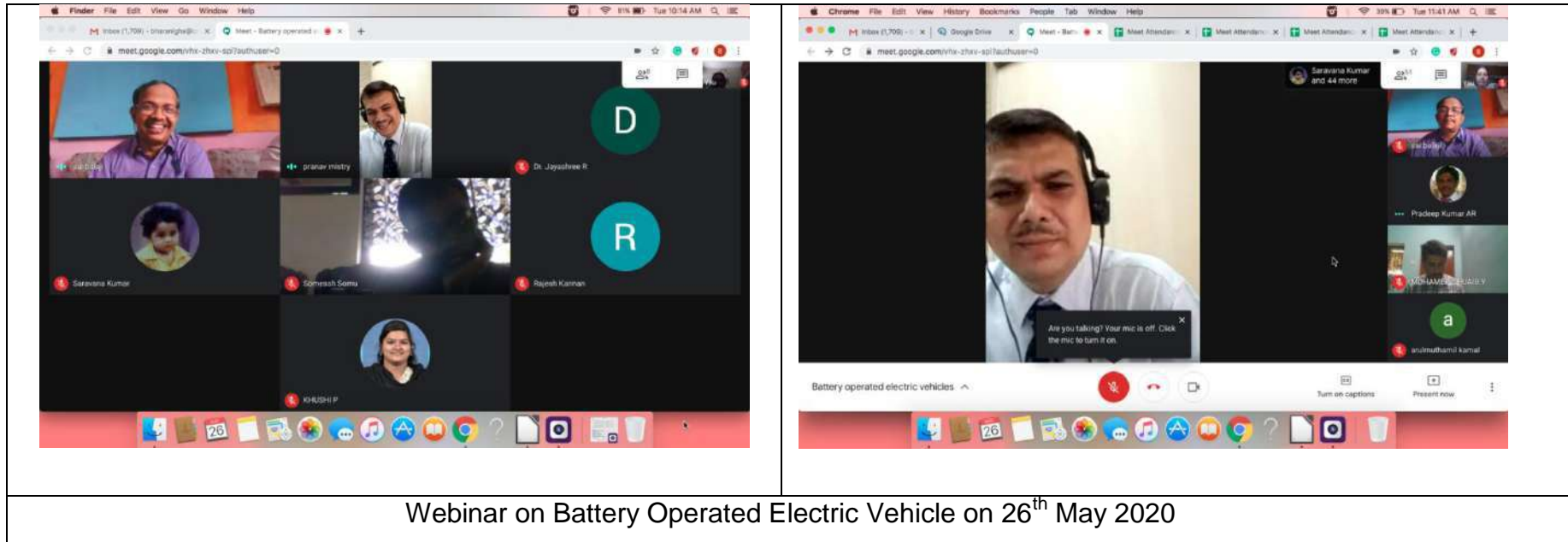
S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Training Program on MiPower Software	10,14-15 October 2019	9.00 am- 4.10 pm on all days	PRDC, Bangalore	15	9	-



### 3. Interdisciplinary Programmes Conducted

S. No	Name of Programme	Other departments involved	Details of Participants			Programme Outcome
			Students	Faculty	Others	
1	Webinar on Battery Operated Electric Vehicle on 26 <sup>th</sup> May 2020 through GMeet by Mr. PranavRamanlalMistry, PM Tech Innovator, Mumbai, India.	Mechanical Engineering	20	30	4	Demonstrated with various practical examples to transform the students to become entrepreneur and to approach industries confidently with their new ideas regarding the battery-operated electric vehicle. To enhance Industry-Academy research activities
2	Operation and Maintenance of Roof Top Solar PV Practices	Estate office	30	20	10	To understand the Operation and Maintenance of Roof Top Solar PV Practices.

3	One day Hands on Workshop on “C & CPP” in collaboration with IIT Bombay (Spoken Tutorial)	The Office of Dean, Academic Affairs, BSACIST	-	22	-	To understand suitable high-level language for writing an Operating System
4	Five-day Online Faculty Development Programme on “HTML” organized by BSACIST in association with Spoken Tutorial, IIT Bombay	The Office of Dean, Academic Affairs, BSACIST	-	200	-	To use knowledge of HTML and CSS code To use HTML editor to create personal business websites for software professionals with industry standards.
5	One day Hands on Workshop on “R” in coordination with IIT Bombay (Spoken Tutorial).	The Office of Dean, Academic Affairs, BSACIST	-	14	-	To understand R for effective data analysis



Webinar on Battery Operated Electric Vehicle on 26<sup>th</sup> May 2020

Operation and Maintenance of Roof Top Solar PV Practices:



4. Details of Field visits organized by the department

Sl. No	Participant Details			Name of faculty Organized the event	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	No. of Students					
1	B.Tech EEE	III	26	Dr. R. Jayashree, Professor/EEE Dr.R. Zahira. AP/EEE	Madras Atomic Power Station Kalpakkam	18.10.2019	Understanding the working of nuclear power plants and its resources	-
2	B.Tech EEE	III	28	Dr. Y. Mohamed Shuaib, Associate Professor and HOD/EEE Dr. Zahira. R AP/EEE Mr. Athbeljoe AP/EEE	Ohm Energy Management SYS PVT. LTD. Sriperumbedu r, Chennai, Tamil Nadu	24.09.2019	Understanding the MV/LV Switchgear panels, Control & Relay panels, MV/LV Busducts, Fabricated panels to suit customer needs and Distribution boards for both the utilities and industrial consumers.	-

3	B.Tech EEE	IV	25	Dr. Y. Mohamed Shuaib, Associate Professor and HOD/EEE  Dr. Zahira. R AP/EEE Dr. K. Shafeeque Ahmed AP/EEE	Sakthi Transformers, Chennai.	03.03.2020	Understanding the Basics of Transformer, Electronic Transformers that includes Power Transformer, Furnace Transformer, Distribution Transformer and Current Transformer & Potential Transformers. Types of windings	-
4	B.Tech EEE	IV	25	Dr. Zahira. R AP/EEE Ms. V.Bharanigha AP/EEE	TVS Training and Services Ltd (TTC-1) 105/7, Chennai High Rd Opp to Kochar	13.03.2020	Understanding the practical knowledge in variety of domains from automotive and engineering	-

					Apartment, Sai Nagar, Ambattur Industrial Estate, Sai Nagar			
5	B.Tech. (EEE)	VI	25	Dr. Y. Mohamed Shuaib, HoD/EEE,  Dr. A.Paramasivam, AP/EEE	OHM Energy Management Systems Private Limited	03.03.2020	To gain information and practical knowledge about manufacturing of switchgear panels and control	Yes
6	B.Tech. (EEE)	V	29	Dr. Y. Mohamed Shuaib, HoD/EEE,  Dr. A. Paramasivam, AP/EEE	Madras Atomic Power Station	18.10.2019	To become familiar with industrial environment and to get practical knowledge of electrical power generation and operations associated to it.	Yes
7	B.Tech.	VIII	42	Mr.Shafeeque Ahmed	TVS Training and Services,	12.03.2020	Exposure to electrical and electronics	-

				Ms.K .C. Athbel Joe	Chennai		engineering in automobile engineering	
8	B.Tech EEE	VIII	56	Mr. Athbel Joe, AP/EEE Mr. Suresh AP/EEE	M/s. Signals and systems India Pvt. Ltd Siruseri	16.04.2019	Understanding the basic ideas of signal and systems	Yes
9	B.Tech EEE	VI	43	Dr.Y.Mohamed Shuaib HOD/EEE  Dr.A. Paramasivam	Thermal Power Plant (Neyveli)	22.03.2019	Understanding the working of real time operation of thermal power station	Yes



Field visit Sakthi Transformers, Chennai on 03.03.2020



Field visit to OHM Energy Ltd 24.09.2019





Field visit to Madras Atomic Power Station, Kalpakkam on 18.10.2019



Field visit to TVS Training and Services Ltd,  
24.09.2019

OHM Energy Management Systems Private Limited, Chennai for Third Year EEE students on 03.03.2020.





Field Visit TVS Training and Services Limited

5. Conferences / FDP / Seminars / Workshops Organized

S.No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Creative Teaching &	Guest lecture	28.01.2020	School of Electrical	Dr. JayashriRavishankar, Associate Professor and	19	100	-	-

	Learning Pedagogies			Engineering and Telecommunications, UNSW SYDNEY, AUSTRALIA	Deputy Head of School (Education), School of Electrical Engineering and Telecommunications at University of New South Wales, (UNSW), Sydney, Australia				
2	Digital Transformation in Power Systems	Webinar	19th June 2020	-	Mr, Mohamed Farook, Regional Commercial Director Middle East Region at Schneider Electric	8	6	58	04
3	Research potential in Solar Energy & Storage Technologies	National Level Seminar	11 <sup>th</sup> March 2020	-	Dr.J.Gayathri Assistant Professor (S.G.), CO2 Research & Green Energy Technologies Center, VIT,Vellore	18	1	7	25
4	Recent Trends in Electrical Engineering	Five Day Online Faculty Development	01-05 June 2020	-	Mr. Ayaz Sheikh (CEO) Mr. Syed Sameeullah Co-Founder(s)	13	-	159	-

		Programme			EnarxiTechnology, Chennai				
					Mr. Vivek Sharma Researcher Macquarie University, Sydney, Australia.				
					Mr. M. Balasubramaniam, Engineering Manager, Power Transmission and Distribution (International Division) Larsen & Toubro Ltd, Chennai				
					Dr. Adhinarayanan T, IEEE Sr. Member Lead Electrical Engineer Petrofac International Ltd., UAE				
					Dr. Mohamed Iqbal. M Associate Professor, PSG Institute of				

					Technology and Applied Research, Coimbatore.				
					Dr. D. Lakshmi Associate Professor, Dept of EEE, AMET University, Chennai				
5	Energy, Oil & Gas Conservation– Saksham 2020	Awareness Programme	31st January 2020	Energy & Fuel Users Association of India	Prof S. Ramalingam, National President, ENFUSE	8	47	-	-
6	Operation & Maintenance of Rooftop Solar PV practices	One day Training Programme	10.02.2020	Arbutus Consultants PVT LTD., Pune, Maharashtra.	Mr. Lokabhiraman, Sr. DGM, Ex-BHEL Mr. Pradeep Chavan Sr. Executive Ex-BHEL	15	5	--	--
7	Applications of Raspberry PI & IoT	One day Hands on Workshop	19.10.2019	-	Dr. A. Paramasivam, AP/EEE	--	10	--	--
	Applications of	Two days	06.02.2020-	-	Dr. A. Paramasivam,	--	20	--	--

	PIC Microcontroller s	Hands on Workshop	07.02.2020		AP/EEE				
8	Power Electronic Drives for Electric Vehicles	One day National Level Seminar	10.10.2019	IEEE	Dr. K. Ragavan, Associate Professor, IIT Gandhinagar, Gujarat	10	55	--	--
9	Power Electronics and its applications	Webinar	11 <sup>th</sup> June 2020	-	Dr.Sreejith, Assistant professor, NIT, Silchar	7	20	6	7
10	Smart Grid	Webinar	17 <sup>th</sup> June 2020		Pantech	30	5	19	37
11	Embedded System In Robotics Using Arm Cortex M0+	Workshop	05.02.2019 - 06.02.2019	Sands India Pvt. Ltd., Chennai.	Mr.K.Surendar,Trainer Sands India Pvt. Ltd., Chennai.	-	47	-	-
12	Renewable Energy	Workshop	01.10.2019	IIT,Delhi	Dr. Sukumar Mishra, Professor, Department of	12	154	-	-

	adopting smart technologies				Electrical Engineering, IIT Delhi, New Delhi				
13	LV & MV Switchgear	Seminar	07.08.2019	-	M.Janarthanan, Principal Engineer, Petrofac Engineering Services Pvt. Ltd.	-	56	-	-
14	Power Electronic Drives for Electric Vehicles	One day National Seminar	10.10.2019	-	Dr. K. Ragavan, Associate Professor Department of Electrical Engineering Indian Institute of Technology, Gandhinagar Gujarat - 382355	11	60	-	-
15	Artificial Intelligence with MATLAB	Online Webinar	07.05.2020	Design Tech Systems Pvt. Ltd	Rajkumar. D, Application Engineer – MATLAB, DesignTech Systems Pvt. Ltd	30	-	-	-
16	Troubleshooting of Industrial Motors	Online Webinar	13.05.2020	-	Dr. Arunachalam Sundaram, Assistant Professor, Department of Electrical and Electronics	09	07	40	30

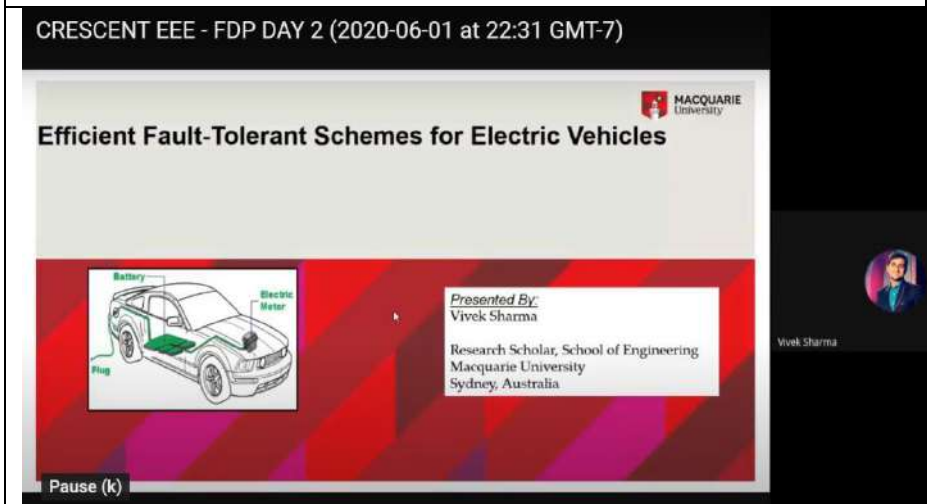


					Engineering Technology, Jubail Industrial College (JIC), Kingdom of Saudi Arabia				
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National Level seminar on " Research potential in Solar Energy & Storage Technologies" on 11th March 2020





Five Day Online Faculty Development Programme on “Recent Trends in Electrical Engineering” during 01-05 June 2020

Guest lecture on “Creative Teaching & Learning Pedagogies in UNSW Engineering conducted on  
28.01.2020



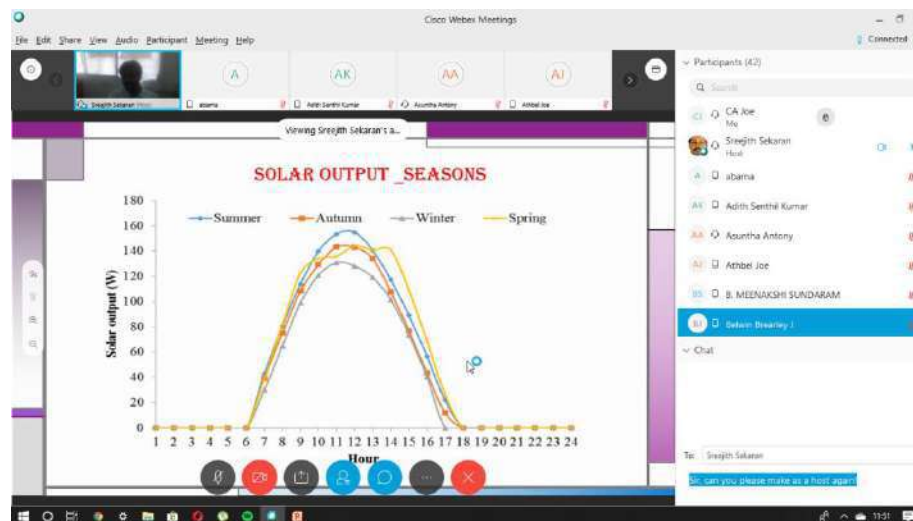
## One day Training Programme on Operation & Maintenance of Rooftop Solar PV practices



## Two days Hands on Workshop on Applications of PIC Microcontroller



## One day National Level Seminar on Power Electronic Drives for Electric Vehicles



**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
*Organizes*

**Webinar on Power Electronics and its Applications**

**11th June 2020 (Thursday)**  
**10.30 AM - 12.00 Noon**

**Resource Person**  
**Dr. S. Sreejith**,  
 Assistant Professor,  
 Department of Electrical Engineering,  
 National Institute of Technology, Shilchar,  
 Assam - 788010

Register Online: <https://forms.gle/Ewkv162dvDLuFYoS8>

**FREE REGISTRATION**

**Co-ordinators**  
 Dr. Y. Mohammed Ghousib, Prof. & HoD/EEE, BSACIST  
 Mrs. Belwin J. Breatley, AP/36/EEE, BSACIST  
 Mr. C. Athul Joe, AP/EEE, BSACIST  
 Contact : 9445214129 | 9894988076



One Day National Level Seminar on Research Potential In Solar Energy And Storage Technologies 10 th  
 March 2020

← → ↻ [youtube.com/watch?v=WhTBqji9u5M](https://youtube.com/watch?v=WhTBqji9u5M) ☆ 🔔

☰ **YouTube** IN Search 🔍 📺 🗃️ 🔔

The slide features a central 'Smart Grid' icon surrounded by various energy sources: Thermal Power Plant, Solar Power, Wind Power, Nuclear Power, Industrial Plant, Cities and Offices, Smart Homes, and Electric Vehicles. Text on the slide includes: 'B.S. Abdur Rahman Crescent Institute of Science & Technology', 'Organized by Department of Electrical and Electronics Engineering', 'Webinar on Smart Grid 17th June 2020 (11.00 AM TO 12.00 PM)', 'In Association with Pantech e Learning ONLINE LEARNING PLATFORM', 'Free Registration | E-Certificate will be provided.', 'Pantech e-Learning (youtube) Registration Link: or scan the QR Code https://forms.gle/YyqHfuU003mehhccx7 www.pantechlearning.com', and a QR code.

Top chat replay ▾

📺 Live chat replay is on. Messages that appeared when the stream was live will show up here.

- 👤 Bubby Shobi gm all
- 👤 tm akila3 good morning
- 👤 Harish Baskar good morning sir

#Upcoming #pantechlearning #electrical  
 Webinar on Smart Grid | Crescent Institute of Science and Technology, Chennai

Webinar on Smartgrid at 17<sup>th</sup> June 2020





Workshop on Renewable Energy adopting smart technologies 1.10.19

6. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities (for membership fees / organizing events) etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1	IEEE(Membership fees for 31 B.Tech EEE students+2 faculty	Sep 19 to Sep 20	Rs. 71,162	---

	members)			
2	One day National Seminar on "Power Electronic drives for Electric Vehicles" conducted by EEE department.	10 <sup>th</sup> October, 2019.	Rs.10,000 ( From IEEE)	--
3	One day Workshop on Operation & Maintenance of Rooftop Solar PV Practices by department of EEE on 10 <sup>th</sup> February 2020.	One Day	Rs. 2574	--

#### 7. Conferences / FDP / Seminars / Workshops Attended

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Financial support received from the institution (Rs)
1	Dr.R.Jayashree	Operation and Maintenance of Roof Top Solar PV Practices	One day training	10th February 2020	BSACIST	-

			program			
2	Dr.R.Jayashree	Artificial Intelligence with MATLAB	Webinar	07.05.2020	BSACIST	-
3	Dr.R.Jayashree	Troubleshooting of Industrial Motors	Webinar	13.05.2020	BSACIST	-
4	Dr.R.Jayashree	Renewable energy using MATLAB	Webinar	16.05 2020	GCE Thanjavur in association with PANTECH	-
5	Dr.R.Jayashree	Creating Microsoft Application using Microsoft Azure	Webinar	20.05.2020.	Sri Chandrasekhar endra SaraswathiVis wa Vidhyalaya in association with PANTECH	-
6	Dr.R.Jayashree	Battery Operated Electric Vehicle – Research Perspective	Webinar	26.5.2020	BSACIST	-

7	Dr.R.Jayashree	Recent trends in electrical engineering	Faculty Development Programme	1-5th June 2020.	BSACIST	-
8	Dr.R.Jayashree	Power electronics and its applications	Webinar	11.06.2020.	BSACIST	-
9	Dr.R.Jayashree	Smart Grid	Webinar	17.06.2020.	BSACIST	-
10	Dr.R.Jayashree	Application of Moodle LMS	Faculty Development Programme	11-25 <sup>th</sup> June 2020.	BSACIST	-
11	S.JennathuBeevi	Basic Life Support and First Aid course through personal empowerment in Emergency response (PEER) programme	Workshop	13.03.2020	ALERT simulation lab for emergency response management in association with BSA Crescent Alumni Association	-
12	S.JennathuBeevi	Multi-objective Optimization Problems Using Deterministic	Two Days Hands on	30.05.2020 31.05.2020	Coimbatore Institute of	-

		&Stochastic Algorithms (V2.0)	training(Online mode)		Technology – Teaching Learning Centre	
13	S.JennathuBeevi	Various Project Opportunities for DST Funding – Strategies on International Cooperation.	Online Webinar	23.05.2020	The Office of Research, ESPAC and HR & FTA at B. S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai – 48.	-
14	S.JennathuBeevi	Battery Operated Electric Vehicle – Research Perspective	Online webinar	26.05.2020	Department of Mechanical Engineering and Electrical & Electronics	-

					Engineering, BSA Crescent Institute of Science and Technology, Chennai– 48	
15	S.JennathuBeevi	The importance of Digital Libraries in Research and Learning	Knimbus online training	21.05.2020	Department of Library, BSACIST along with Knimbus.	-
16	S.JennathuBeevi	Power System Operation & Control with MATLAB® Simulations”	Three days Webinar	21st May 2020 - 23rd May 2020.	Department of Electrical & Electronics Engineering, CK College of Engineering & Technology, Cuddalore	-
17	S.JennathuBeevi	Grid connected and Stand- alone solar plant design using	Webinar	14.05.2020	IEEE SBC of St. Joseph’s	-

		Homer-Pro			Institute of Technology.	
18	S.JennathuBeevi	Scientific writing for Journals	Online Workshop	15.05.2020	Springer Nature	-
19	S.JennathuBeevi	"Research Ideas & Performance Analysis of Switched Reluctance Motor Using MagNet Software"	Online FDP	13.05.2020 14.05.2020	Department of Electrical and Electronics Engineering, Jerusalem College of Engineering	-
20	S.JennathuBeevi	Moodle Learning Management System.	Online FDP	29.04.2020 - 01.05.2020.	Department of Computer Science, Kaypeeeyes College of Arts & Science, Kotagiri, The Nilgiris association with Spoken	-

					Tutorial Project, IIT Bombay, MHRD, Govt., of India	
21	S.JennathuBeevi	“How to use Turnitin software for your research”	Online Webinar	04.05.2020	Guru Nanak Institute of management Studies in association with Turnitin.	-
22	S.JennathuBeevi	Research Workflows, Research Metrics & Excellence in Academic Institutes	Online Webinar	06.05.2020	Elsevier.	-
23	S.JennathuBeevi	Introduction to Leadership for emerging future	Online Webinar	09.05.2020	Faculty Training Academy, BSACIST	-
24	S.JennathuBeevi	Intellectual Property Rights	Online Webinar	01.05.2020	Faculty Training	-



					Academy, BSACIST	
25	S.JennathuBeevi	Communication Skills for Teachers	Online Webinar	26.04.2020	Faculty Training Academy, BSACIST	-
26	S.JennathuBeevi	Advanced Power System Simulation Software	STTP	3 days June 25- 27, 2020	Department of EEE, SSN college of Engineering	-
27	S.JennathuBeevi	Digital transformation in Power Systems	Online Webinar	19.06.2020	Office of Alumni Relations & Department of EEE, BSACIST	-
28	S.JennathuBeevi	Power Electronics and its applications	Online Webinar	11.06.2020	Department of EEE, BSACIST	-
29	S.JennathuBeevi	Recent Trends in Electrical Engineering	Online FDP	Five days 01-05 June 2020.	Department of EEE, BSACIST	-
30	S.JennathuBeevi	Cyber Forensics and the	Live Webinar	13.06.2020	Organized by	-

		current challenges			Department of Information technology, BSACIST.	
31	S.JennathuBeevi	Ethics and Values of Alhaj Dr. BS Abdur Rahman	Webinar	09.06.2020	BSACIST	-
32	S.JennathuBeevi	Industry Integrated Teaching and Mentoring (IIT-IIM)	Online Webinar	10.06.2020 11.06.2020	Department of Computer Science and Engineering, BSACIST.	-
33	S.JennathuBeevi	Evolutionary Optimization techniques	Virtual Faculty Development Programme	June 15-17, 2020.	Department of EEE, SSN college of Engineering, Chennai	-
34	S.JennathuBeevi	Integration Of Green Energy with Smart Power Systems	FDP	22nd - 27th June 2020.	Department of EEE, Satyabama Institute of Science and	-

					Technology	
35	Mrs.V.Bharanigha	Smart Energy System for Renewable Energy	Seminar	30.07.2019	BSACIST	-
36	Mrs.V.Bharanigha	Power Electronic Drives for Electric Vehicles	National Seminar	10.10.2019	BSACIST	-
37	Mrs.V.Bharanigha	BSACIST&"ISO 9001: 2015-Awareness Programme"	Orientation	22.11.2019	ISO/FTA	-
38	Mrs.V.Bharanigha	"Wind and Solar Resource Assessment"	Prof. Dr. Annamani Centenary Celebration International Conference	13-14 December 2019	National Institute of Wind Energy, Chennai and Sponsored by Ministry of New and Renewable energy, New Delhi.	-
39	Mrs.V.Bharanigha	Research potential in Solar Energy & Storage Technologies	National Level Seminar	11 <sup>th</sup> March 2020	BSACIST	-

40	Mrs.V.Bharanigha	LATEX	Faculty Development Programme	17-30 April 2020	Gopalan College Of Engineering & Management, Bengaluru in association with IIT Bombay Spoken tutorial	-
41	Mrs.V.Bharanigha	MATLAB Onramp	Online course	29 <sup>th</sup> April 2020	Math works	-
42	Mrs.V.Bharanigha	Data Visualization through Tableau	Webinar	30 <sup>th</sup> April 2020	BSACIST & TBrainswigEdu tech Pvt. Ltd	-
43	Mrs.V.Bharanigha	Machine Learning	Webinar	2 <sup>nd</sup> May 2020	Pantech e-bytes	-
44	Mrs.V.Bharanigha	Automation Products & PLC Selection	Webinar	2 <sup>nd</sup> May 2020	Karpagam College of Engineering, Coimbatore	-
45	Mrs.V.Bharanigha	PLC programming	Online	4 <sup>th</sup> May 2020	SKIFI labs	-

			Workshop			
46	Mrs.V.Bharanigha	Moodle Learning Management System	Online Faculty Development Programme	30 April – 4 May 2020	Venkatasamy Naidu College in association with IIT, Bombay	-
47	Mrs.V.Bharanigha	Troubleshooting of Industrial Motors	Webinar	13 <sup>th</sup> May 2020	BSACIST	-
48	Mrs.V.Bharanigha	Electric Vehicle Design	Webinar	15 <sup>th</sup> May 2020.	Hindustan Institute of Science & Technology in association with Pantech e bytes	-
49	Mrs.V.Bharanigha	Test your knowledge on plagiarism	Online Quiz Competition	26 <sup>th</sup> May 2020	BSACIST	-
50	Mrs.V.Bharanigha	Ethics and Values of Alhaj Dr. BS Abdur Rahman	Webinar	09 <sup>th</sup> June 2020	FTA/Crescent	-
51	Mrs.V.Bharanigha	Simulation driven Innovation for e-mobility	National Level	10 <sup>th</sup> June 2020.	ALTAIR & KLE Technological	-

			Webinar			university	
52	Mrs.V.Bharanigha	Power Electronics & its Application	Webinar	11 <sup>th</sup> June 2020		BSACIST	-
53	Mrs.V.Bharanigha	To become a MEP Professional	Webinar	12 <sup>th</sup> June 2020		Dhanalakshmi Srinivasan Institute	-
54	Mrs.V.Bharanigha	Smart Grid	Webinar	17 <sup>th</sup> June 2020		BSACIST & Pantech	-
55	Mrs.V.Bharanigha	Digital transformation in power system	Webinar	19 <sup>th</sup> June 2020		BSACIST	-
56	Mrs.V.Bharanigha	Cognitive computing & ADHD	Virtual International Seminar	26 <sup>th</sup> June 2020		IEEE CIS Madras Chapter, Humanitas University & BSACIST	-
57	Dr. R. Zahira AP/EEE	Power Engineering Computing and Control (PECCON'19)	International Conference	12 <sup>th</sup> -14 <sup>th</sup> December 2019		VIT, Chennai	-

58	Dr.R. Zahira, AP/EEE	"Wind and Solar Resource Assessment"	International Conference	13th& 14th December 2019	National Institute of Wind Energy, Chennai and Sponsored by Ministry of New and Renewable energy, New Delhi.	-
59	Dr.R. Zahira, AP/EEE	How to Write and Publish in International Scientific Journals by Springer Nature	Workshop	30.07.2019	BSACIST	-
60	Dr.R. Zahira, AP/EEE	Power Electronic Drives for Electric Vehicles	One Day National Seminar	10.10.2019	VIT, Chennai	-
61	Dr.R. Zahira, AP/EEE	DC MICROGRID	FDP	July-Sep 2019	NPTEL	-
62	Dr.R. Zahira, AP/EEE	"ISO 9001: 2015-Awareness Programme"	Seminar	31.10.2019	BSACIST	-
63	Dr.R. Zahira,	'Clean energy Options and	Guest lecture	23.09.2019	Department of	-

	AP/EEE	Role of Nuclear Power' by Mr. K. Sriram, Maintenance Superintendent, Madras Atomic Power Station(MAPS), Kalpakkam			EEE, BSACIST	
64	Dr.R. Zahira, AP/EEE	Smart Energy System for Renewable Energy	Seminar	30.07.2019	Department of EEE, BSACIST Resource person: DR.K. Balaraman, DG, NIEW ONM	-
65	Dr.R. Zahira	“Electric Solar Vehicle Project”	Webinar	17.04.2020 – 19.04.2020	Imperial Society Of Innovative Engineers (ISIE) India	-
66	Dr.R. Zahira	Python 3.4.3	Online Faculty Development Program	16.04.2020-22.04.2020.	Adhiparasakthi Engineering College in association	-



					with Spoken Tutorial Project, IIT Bombay	
67	Dr.R. Zahira	LaTeX	Faculty Development Program	17.04.2020-30.04.2020	Department of CSE, Gopalan College of Engineering and Management (GCEM) Bengaluru in association with Spoken Tutorial Project, IIT Bombay	-
68	Dr.R. Zahira	Moodle learning management system	Faculty Development Program	30.04.2020 - 04.05.2020.	G. Venkataswamy Naidu College, Kovilpatti in association	-

					with Spoken Tutorial, IIT Bombay.(MHR D, Govt., of India)	
69	Dr.R. Zahira	“The Story of Microgrids: Past, Present, and Future”.	Webinar	23rd April, 2020	HOMER Energy founder, Dr. Peter Lilienthal	-
70	Dr.R. Zahira	“Prediction and Time Series Forecasting in Power Electronics using Artificial Intelligence”	Online Webinar	25th April 2020.	Department of Electrical and Electronics Engineering by Sri Krishna College Of Technology, Kovaipudur, Tamil Nadu	-
71	Dr.R. Zahira	Big data in Electrical Engineering	Webinar	27 <sup>th</sup> April, 2020	Sri Krishna College Of Technology,	-

					Kovaipudur, Tamil Nadu	
72	Dr.R. Zahira	Workshop on Intellectual Property Rights	Webinar	22 nd April 2020	"SRMIST - Ramapuram"	-
73	Dr.R. Zahira	Let's Break the Chain of COVID-19 Infection	Course		Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai - United Arab Emirates.	-
74	Dr.R. Zahira	Technological Advancement in Power System Control, Power Controllers, Drives & E-Vehicles - TAPPAD 2020	Faculty Development Training Programme	27.04.2020- 01.05.2020	Department of Electrical and Electronics Engineering, Dr.N.G.P.IT- IQAC and Sponsored by AUTODESK.	-

75	<i>Dr.R. Zahira</i>	Solar Panel System for Your Home	Webinar	02.05.2020.	Department of Electrical and Electronics Engineering, Tagore Engineering College	
76	Dr.R. Zahira	The Four indispensable soft skills You Need to Master	Webinar	02.05.2020.	Sri Venkateswara a College of Technology, Sriperumbudur	
77	Dr.R. Zahira	Automation Products and PLC selection	Webinar	02.05.2020	Department of Electrical and Electronics Engineering, Karpagam College of Engineering,	-

					Coimbatore.	
78	Dr.R. Zahira	How to Use Turnitin Software for your Research “Turnitin Online on Campus”	Webinar	4th May2020	Guru Nanak Institute Of Management Studies	-
79	Dr.R. Zahira	Artificial Intelligence with Matlab	Webinar	07.05.2020	Department of Electrical and Electronics Engineering, BSACIST	-
80	Dr.R. Zahira	“Battery Operated Electric Vehicle – Research Perspective”	Webinar	26th May 2020.	Department of Mechanical Engineering and Electrical & Electronics Engineering, BSACIST	-
81	Dr.R. Zahira	Power System Operation & Control with MATLAB® Simulations	Webinar	21st May 2020 to 23rd May 2020.	Department of Electrical & Electronics	-

					Engineering, CK College of Engineering & Technology, Cuddalore	
82	Dr.R. Zahira	"Role of IOT, Embedded, Electric Vehicle and Power Electronics converters for the smart world"	Faculty Development Program	18.05.2020- 22.05.2020	St. Joseph's College of Engineering OMR,Chennai	-
83	Dr.R. Zahira	Various Project Opportunities for DST Funding – Strategies on International Cooperation	Webinar	23.05.2020	The Office of Research, ESPAC and HR & FTA at BSACIST	-
84	Dr.R. Zahira	Introduction to Machine Learning	Online Quiz	27.05.2020	Department Of Electronics and Telecommunic ation Engineering, Smt. KashibaiNaval	-

					e College of Engineering, Pune - 41	
85	Dr.R. Zahira	Deep learning for computer vision	Webinar	27.05.2020.	Sri Venkateswara a College of Technology, Sriperumbudur	-
86	Dr.R. Zahira	Test your Knowledge on Plagiarism	Online quiz	26.05.2020	Office of Dean (Research) BSACIST	-
87	Dr.R. Zahira	Awareness on COVID-19 & Need Of Physical Activity	Online Quiz	26/05/2020	Department Of Physical Education, BSACIST	-
88	Dr.R. Zahira	“Integration of Renewable Energy Systems- Research Tools / Industrial Perspective”	Online FDP	18.05.2020-22.05.2020	Department of Electrical and Electronics Engineering, Lakireddy Bali	-

					Reddy College of Engineering, Mylavaram, Krishna(Dt), A.P	
89	Dr.R. Zahira	Industrial Applications Of Artificial Intelligence	Webinar	13th May 2020	Sri Venkateswara a College of Technology, Sriperumbudur	
90	Dr.R. Zahira	" Research Ideas & Performance Analysis of Switched Reluctance Motor Using MagNet Software	Online Faculty Development Program	13th and 14th of May 2020.	Department of Electrical and Electronics Engineering, Jerusalem College of Engineering	-
91	Dr.R. Zahira	"Next Generation AI technologies for Cyber Physical system"	Webinar	13 May 2020	St.Peter's Engineering College, Hyderabad	-



92	Dr.R. Zahira	Outcome Based Education: A Step Towards Excellence	Online Faculty Development Program	11-15 <sup>th</sup> May 2020	Under Margdarshan Scheme of AICTE, New Delhi organized by Government College of Engineering, VidyanagarKar ad Dist.-Satara Maharashtra.	-
93	Dr.R. Zahira	Mild Hybrid Electric Vehicles for Indian Roads	Webinar	20 <sup>th</sup> May, 2020	Department of Electrical and Electronics Engineering, S.A. Engineering Colleges, Thiruverkadu,	-

					Chennai	
94	Dr.R. Zahira	Troubleshooting of Industrial Motors	Webinar	13th May 2020	Dr. Arunachalam Sundaram, Jubail Industrial College (JIC), Kingdom of Saudi Arabia, organized by Department of Electrical and Electronics Engineering, BSACIST	-
95	Dr.R. Zahira	High Voltage Engineering	Webinar series	11th to 13th May 2020.	Department of Electrical and Electronics Engineering, Academy of Maritime	-

					Education and Training, Deemed to be University, Chennai-	
96	Dr.R. Zahira	Skills Acquired During The Transition	Webinar	12.05.2020	Sri Venkateswara College of Technology, Sriperumbudur	-
97	Dr.R. Zahira	Advanced Optimization Tools and Techniques for Researchers and Engineers	One Week Online Short Term Training Program	23.05.2020-27.05.2020	Department of Mechanical Engineering, SKN Sinhgad College of Engineering, Korti, Pandharpur	-
98	Dr.R. Zahira	Energy Management Systems	Six Day Faculty Development	8 <sup>th</sup> to 13 <sup>th</sup> June 2020 .	Department of Electrical & Electronics	-

			Programme		Engineering, R .M.D Engineering College.	
99	Dr.R. Zahira	Challenges and Mitigation Methods in Renewable Energy Power Systems (CMREPS- 2020	Three Day National Level Online Faculty Development Program	8th –10th June, 2020	Department of Electrical & Electronics Engineering, CMR Institute of Technology, Bengaluru, Karnataka.	-
100	Dr.R. Zahira	Power Electronics And Its Application	Webinar	11 <sup>th</sup> June 2020	Department of Electrical & Electronics Engineering, BSACIST	-
101	Dr.R. Zahira	“Digital Transformation in Power Systems”	Webinar	19 <sup>th</sup> June 2020	Department of Electrical & Electronics	-

					Engineering, BSACIST	
102	Dr.R. Zahira	Smart Grid	Webinar	17.06.2020	Dept of Electrical and Electronics Engineering, BSACIST, Chennai in association with Pantech E Learning	-
103	Dr.R. Zahira	“Protective devices for Industry &Utility”	Webinar	14.06.2020	Department of Electrical & Electronics Engineering, Sri Sai Ram Institute of Technology	-
104	Dr.R. Zahira	Electrical Power Generation Technology	Online quiz	22 <sup>nd</sup> June, 2020.	Department of Electrical Engineering,	-

					Sinhgad Institute of Technology ,Lonavala	
105	Dr.R. Zahira	Basic Electrical Engineering Concepts,	Online quiz	22.06.2020	Department of Electrical Engineering & Department of Engineering Sciences, Sinhgad Institute of Technology Lonavala	-
106	Dr.A.Paramasivam, AP/EEE	Smart Grid	Live Webinar	17.06.2020	Department of Electrical and Electronics Engineering, BSACIST in association with Pantech E	NIL

					learning	
107	Dr.A.Paramasivam, AP/EEE	Artificial Intelligence with MATLAB	Live Webinar	07.05.2020	Department of Electrical and Electronics Engineering, BSACIST	NIL
108	Dr. A. Paramasivam, AP/EEE	HTML	FDP	20.04.2020 - 24.04.2020	The Office of Dean, Academic Affairs, BSACIST in association with Spoken Tutorial, IIT Bombay	NIL
109	Dr. A. Paramasivam, AP/EEE	C & CPP	Workshop	15.02.2020	Teaching Learning Centre, ICT at IIT Bombay	NIL
110	Dr. A. Paramasivam, AP/EEE	Robotics and Computer Vision	FDP	16.12.2019 - 20.12.2019	AICTE Training and Learning	NIL

					(ATAL) Academy, Malaviya National Institute of Technology, Jaipur	
111	Dr. A. Paramasivam, AP/EEE	R	Workshop	12.10.2019	Teaching Learning Centre, ICT at IIT Bombay	NIL
112	Dr. A. Paramasivam, AP/EEE	Power Electronic Drives for Electric Vehicles	Seminar	10.10.2019	Department of Electrical and Electronics Engineering, BSACIST	NIL
113	Ms.K.SarmilaHarBea gam,AP/EEE	Artificial Intelligence with MATLAB	Webinar	07.05.2020	Dept. of EEE BSACIST	NIL
114	Ms.K.SarmilaHarBea gam,AP/EEE	Troubleshooting of Industrial Motors	Webinar	13.05.2020	Dept. of EEE BSACIST	NIL
115	Ms.K.SarmilaHarBea	Mathematical and Statistical	Online FDP	26.05.2020-	Godavari	NIL



	gam,AP/EEE	Modeling		30.05.2020	Institute of Engineering and Technology (Autonomous)	
116	Ms.K.SarmilaHarBeagam,AP/EEE	Various Project Opportunities for DST Funding – Strategies on International Cooperation	Webinar	23.05.2020	Sri. Sanjeev Kumar Varshney, Adviser & Head, International Division, Department of Science & Technology, Government of India	NIL
117	Ms.K.SarmilaHarBeagam	Battery Operated Electric Vehicle – Research Perspective.	Webinar	26.05.2020	BSACIST	NIL

118	Ms.K.SarmilaHarBeagam	NAAC Assessment and Accreditation: A Step by Step Process	Workshop	28.05.2020-30.05.2020	Gates Institute of Technology, Gooty, Andhra Pradesh	NIL
119	Ms.K.SarmilaHarBeagam	Virtual Reality	Webinar	14.05.2020	SRM, Chennai and PANTECH Solutions	Nil
120	Ms.K.SarmilaHarBeagam	Embedded and IoT Boot Camp	Online FDP	28th to 30th May 2020	Mohamed Sathak A.J College Of Engineering, Siruseri IT Park, Chennai on	Nil
121	Ms.K.SarmilaHarBeagam	Image Processing-Open CV	Webinar	8 <sup>th</sup> May 2020.	IETE Mumbai and PANTECH Solutions	Nil
122	Ms.K.SarmilaHarBeagam,AP/EEE	Low Power VLSI Design & Analysis	Webinar	24 <sup>th</sup> May 2020.	GokarajuRangaraju Institute of Engineering Technology and PANTECH	Nil

					Solutions	
123	Ms.K.SarmilaHarBeagam	Internet of things	Webinar	4th May 2020.	IETE Mumbai and PANTECH Solutions	Nil
124	Ms.K.SarmilaHarBeagam	Recent Trends in Power Electronics using MATLAB	Webinar	22nd May 2020	ST. Peter's Engineering College and PANTECH Solutions.	Nil
125	Ms.K.SarmilaHarBeagam	Image Processing using PYTHON	Webinar	12nd May 2020	MOUNT Zion college of Engineering and Technology, Pudukkotali and PANTECH Solutions	Nil
126	Ms.K.SarmilaHarBeagam	Electric Vehicle Design	Webinar	15th May 2020.	Hindustan Institute of Technology and Science	Nil

					and PANTECH Solutions	
127	Ms.K.SarmilaHarBeagam	Introduction to Leadership for emerging future	Webinar	09.05.2020	FTA of BSACIST	Nil
128	Ms.K.SarmilaHarBeagam	Intellectual Property Rights	Webinar	01.05.2020	FTA of BSACIST	Nil
129	Ms.K.SarmilaHarBeagam	Research potential in Solar Energy & Storage Technologies	National Level Seminar	11.03.2020	Dept. of EEE BSACIST	Nil
130	Ms.K.SarmilaHarBeagam	Application of Moodle LMS	Two weeks online FDP	11-25th June 2020	Department of Management studies, BSACIST	Nil
131	Ms.K.SarmilaHarBeagam	Recent trends in Electrical Engineering	on line one week FDP	1-5th June 2020	Dept. of EEE BSACIST	Nil
132	Ms.K.SarmilaHarBeagam	Power electronics and its applications	Webinar	11.06.2020	Dept. of EEE BSACIST	Nil
133	Ms.K.SarmilaHarBeagam	Smart Grid	Webinar	17.06.2020	Dept. of EEE BSACIST & PANTECH	Nil

134	Ms.K.SarmilaHarBeagam	An IEEE International Webinar Series IEEE Societies.	on line one week Webinar	15.06.2020-21.06.2020	St. Joseph's Institute of Technology in association with IEEE Societies	Nil
135	Ms.K.SarmilaHarBeagam	Distributed Energy Resources and Its Impacts"	Webinar	30.06.2020	St. Joseph's Institute of Technology in association with IEEE Societies	Nil
136	Ms.K.SarmilaHarBeagam	Advanced Software Tools For Modern Power System	STTP Online Webinar	22-24 June, 2020.	SSN College of Engineering, Chennai	Nil
137	Ms.K.SarmilaHarBeagam	The Gut - Microbiome - Brain Axis	Webinar	24.06.2020.	Department of Chemistry, BSACIST	Nil
138	Ms.K.SarmilaHarBeagam	Industrial Automation	Webinar	17.06.2020.	Dept. of EIE BSACIST	Nil
139	Ms.K.SarmilaHarBeagam	Activities of instrument	Webinar	18.06.2020.	Dept. of EIE	Nil

	gam	discipline in project execution			BSACIST	
140	Ms.K.SarmilaHarBea gam,AP/EEE	Digital transformation in Power Systems	Webinar	19.06.2020	Dept. of EEE BSACIST	Nil
141	Ms.K.SarmilaHarBea gam,AP/EEE	Recent Trends in Wind Eneery	Webinar	12.06.2020	Sathyabama Institute of Science and Technology	NIL
142	Dr. K. Shafeeque Ahmed	Recent Trends in Electrical Engineering	FDP	1-5 June 2020	BSACIST	-
143	Dr.K. Shafeeque Ahmed	Integration Of Green Energy With Smart Power Systems	FDP	22-27 June 2020	Sathyabama Institute of Science and Technology	-
144	Ms.BelwinJ.Brearley	Artificial Intelligence with MATLAB	Webinar	7 <sup>th</sup> May 2020	BSACIST	-
145	Ms.BelwinJ.Brearley	Recent Trends in Electrical Engineering	Online Faculty Development Programme	01-05 May 2020	BSACIST	-
146	Ms.BelwinJ.Brearley,	Virtual Conduct On Digital system and Design lab	Online workshop	30th June 2020	EEE, SRMIST, Ramapuram	-

147	Ms.BelwinJ.Brearley	Patent filing strategies	Webinar	27 <sup>th</sup> May 2020	RVS, Coimbatore	-
148	Ms.BelwinJ.Brearley	Operation and maintenance of rooftop solar pv practices	One day Training	10 <sup>th</sup> Feb 2020	BSACIST	-
149	Mr.S.Suresh	LATEX	Faculty Development Programme	17-30 April 2020 (2 weeks)	Gopalan College Of Engineering &Management, Bengaluru in association with IIT Bombay Spoken tutorial	-
150	Mr.S.Suresh	Electric Solar Vehicle Project	Webinar	17-20 April 2020	ISIE India	-
151	Mr.S.Suresh	Big Data in Electrical Engineering	Webinar	27th April 2020	Sri Krishna College of Technology Coimbatore	-
152	Mr.S.Suresh	Technological Advancements	Faculty	27th April	Dr.N.G.P.	-

		in Power System Control, Power Controllers, Drives and E-Vehicles	Development Programme	2020 to 1st May 2020	Institute of Technology, Coimbatore	
153	Mr.S.Suresh	Data Visualization through Tableau	Webinar	30 <sup>th</sup> April 2020	BSACIST&BrainswigEdutech Pvt. Ltd	-
154	Mr.S.Suresh	Moodle Learning Management System	Faculty Development Programme	29.04.2020-01.05.2020	Kaypeeyes College of Arts & Science, Kotagiri	-
155	Mr.S.Suresh	Machine Learning	Webinar	2 <sup>nd</sup> May 2020	Pantech e-bytes	-
156	Mr.S.Suresh	Moodle Learning Management System	Faculty Development Programme	30 April – 4 May 2020	Venkatasamy Naidu College in association with IIT, Bombay	-
157	Mr.S.Suresh	Internet of Things(IoT)	Webinar	4th May 2020	PANTECH	-
158	Mr.S.Suresh	Introduction to Leadership for emerging future	Webinar	09.05.2020	BSACIST	-



159	Mr.S.Suresh	Electronic Circuits	Quiz	09.05.2020	Institute of Road and Transport Technology, Erode	-
160	Mr.S.Suresh	Image Processing using python	Webinar	12th May 2020	Mount Zion College of Engineering and Technology Pudukkottai in association with PANTECH.	-
161	Mr.S.Suresh	Troubleshooting of Industrial Motors	Webinar	13 <sup>th</sup> May 2020	BSACIST	-
162	Mr.S.Suresh	Grid connected and Stand-alone solar plant design using Homer-Pro	Webinar	14 <sup>th</sup> May 2020	St. Joseph's Institute of Technology	-
163	Mr.S.Suresh	Research Ideas & Performance Analysis of	FDP	13 <sup>th</sup> - 14th of May 2020	Jerusalem College of	-

		Switched Reluctance Motor Using MagNet Software			Engineering	
164	Mr.S.Suresh	Scientific writing for Journals	Workshop	15 <sup>th</sup> May 2020	Springer Nature	-
165	Mr.S.Suresh	Effective Methods for Reducing Fault Levels in Industrial Grid Networks	Webinar	18 <sup>th</sup> May 2020	St Martin's Engineering College, Secundarabad.	-
166	Mr.S.Suresh	The importance of Digital Libraries in Research and Learning	Webinar	21 <sup>st</sup> May 2020	BSACIST	-
167	Mr.S.Suresh	SPARK 2020" Online National Level Quiz	Quiz	21 <sup>st</sup> May 2020	C College of Engineering & Management Studies & Research, Thane (E)	-
168	Mr.S.Suresh	Power System Operation & Control with MATLAB® Simulations	Webinar	21-23 <sup>rd</sup> May 2020	CK College of Engineering & Technology, Cuddalore	-

169	Mr.S.Suresh	Art of writing Research Articles and Funding Proposals	FDP	21-23 <sup>rd</sup> May 2020	ManakulaVinayar Institute of Technology, Puducherry.	-
170	Mr.S.Suresh	Battery Operated Electric Vehicle – Research Perspective	Webinar	26 <sup>th</sup> May 2020	BSACIST	-
171	Mr.S.Suresh	Electrical Machines	Quiz	27 <sup>th</sup> May 2020	AISSMS College of Engineering, Pune	-
172	Mr.S.Suresh	National Level Quiz on NAAC	Quiz	27 <sup>th</sup> May 2020	P.V.P.P. College of Engineering, Mumbai-22.	-
173	Mr.S.Suresh	NAAC Process Awareness Quiz-2020	Quiz	28 <sup>th</sup> May 2020	Nagar YuwakShiksha SansthaAiroli's DattaMeghe College of Engineering	-

					Airoli, Navi Mumbai.	
175	Mr.S.Suresh	Outcome Based Education	Quiz	28 <sup>th</sup> May 2020	Department of Mechanical Engineering, Government Polytechnic	-
176	Mr.S.Suresh	NAAC Assessment and Accreditation: A step by step process	Webinar	28 - 30 May 2020	GATES Institute of Technology, Andhra Pradesh.	-
177	Mr.S.Suresh	Digital transformation in power system	Webinar	19 <sup>th</sup> June 2020	BSACIST	-
178	Mr.C. Athbel Joe	Digital Transformation in Power Systems	Webinar	19.06.2020	BSACIST	-
179	Mr.C. Athbel Joe	Clean energy Options and Role of Nuclear Power	Seminar	23.09.2019	BSACIST	-
180	Mr.C. Athbel Joe	Power Electronic Drives for Electric Vehicles	Seminar	10.10.2019	BSACIST	-
181	Mr.C. Athbel Joe	'Power Quality Challenges	Workshop	28.02.2020	Central Power	Rs. 4,130.00

		with Renewable Energy Integration in Smartgrid'			Research Institute, Bangalore.	
182	Mr.C. Athbel Joe	Artificial Intelligence with MATLAB	Webinar	07.05.2020	BSACIST and MATLAB Design Tech Systems Pvt. Ltd.	-
183	Mr.C. Athbel Joe	"Transforming Engineering Education: Emerging Scenario"	Webinar	15.06. 2020.	BSACIST	-
183	Mr.C. Athbel Joe	"SmartGrid"	Webinar	17.06 2020	BSACIST	-
184	Dr.Y.Mohamed Shuaib	Operation and Maintenance of Roof Top Solar PV Practices	Training Program	10th February 2020	BSACIST	-
185	Dr.Y.Mohamed Shuaib	Artificial Intelligence with MATLAB	Webinar	07.05.2020	BSACIST	-
186	Dr.Y.Mohamed Shuaib	Troubleshooting of Industrial Motors	Webinar	13.05.2020	BSACIST	-
187	Dr.Y.Mohamed Shuaib	Battery Operated Electric Vehicle – Research Perspective	Webinar	26.05.2020	BSACIST	-

188	Dr.Y.Mohamed Shuaib	Recent trends in electrical engineering	Faculty Development Programme	1-5th June 2020.	BSACIST	-
189	Dr.Y.Mohamed Shuaib	Power electronics and its applications	Webinar	11.06. 2020.	BSACIST	-
190	Dr.Y.Mohamed Shuaib	Smart Grid	Webinar	17 .06. 2020.	BSACIST	-
191	Dr.Y.Mohamed Shuaib	Power System Analysis through ETAP	Webinar	17.07.2020	BSACIST	-
192	Dr.Y.Mohamed Shuaib	Distribution of Power from Practical Perspective	Webinar	18.07.2020	BSACIST	-
193	Dr.Y.Mohamed Shuaib	Integration of Green Energy with Smart Power Systems	FDP	22 <sup>nd</sup> June - 27 <sup>th</sup> June, 2020	Sathyabama Institute of Science and Technology, Chennai.	-
194	Dr.Y.Mohamed Shuaib	Role of IoT, Embedded, Electric Vehicle and Power Electronic Converters for	FDP	18 <sup>th</sup> May - 22 <sup>nd</sup> May, 2020	St. Josephs college of Engineering,	-

		Smart World			Chennai	
195	Dr.Y.Mohamed Shuaib	IEEE - ABET Webinar on Accreditation and Quality of Engineering Education in South Asia	Webinar	08.07.2020	IEEE India Council	-
196	Dr.Y.Mohamed Shuaib	Overview of Issues and Challenges in Power Sector	FDP	10th - 12th July 2020	AMET Institute, Kanathur, Chennai	-

8. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

Name	National Conference		International Conference		National Journal		International Journal		Total
	with ISBN	Others	with ISBN	Others	SCI / Scopus Indexed	Others	SCI / Scopus Indexed	Others	
Dr.Y.Mohamed Shuaib		1	1				4	1	7
Dr.R.RajaPrabu	-	-	-	-	-	-	1	-	1

Dr.R.Jayashree	-	-	3	1	-	-	3	-	7
Mrs. S.JennathuBeevi	-	-	1	-	-	-	3	-	4
Mrs. BelwinJ.Brearley	-	-	-	-	-	-	1	-	1
Mrs.K.SarmilaHarB eagam	-	-	-	-	-	-	1	-	1
Mrs.V.Bharanigha		1	1	-	-	-	-	-	2
DrA.Paramasivam	-	-	2	-	-	-	2	-	4
<i>Dr. R. Zahira</i>	1	-	-	-	-	-	2	-	3

9. Details Of Publication In National & International Journals & Conferences: (IEEE Format)

A. International Journal&National Journal

a) SCI/Scopus Indexed Journal :

- 1 G.Kavitha and Y.MohamedShuaib,Fuzzy Logic Controlled AC to AC Converter FED Three Ohase P.M.S.M Drive, International Journal of Recent Technology and Engineering, July 2019,Volume 8, Issue 2,ISSN 2277-3878.
- 2 Hemavathy P.R., Mohamed Shuaib Y, S.K. Lakshmanaprabu, Internal model controller based PID with fractional filter design for a nonlinear process, International Journal of Electrical and Computer Engineering (IJECE) Vol. 10, No. 1, February 2020, pp. 243~254 ISSN: 2088-8708, DOI: 10.11591/ijece.v10i1.pp243-254



- 3 G.Kavitha and Y.Mohamed Shuaib, Power Quality Improvement in Inverter Fed PMSM Drives using Hybrid Technique, Journal of Green Engineering, October 2019, Volume 9, Issue 3, ISSN -1904- 472.
- 4 VishwaprakashBabu, S.SathikBasha, Y.Mohamed Shuaib and Syed Inayathulla, A Novel Integration of Solar Fed Dynamic Voltage Restorer for Compensating Sag and Swell Voltage in Distribution System Using Enhanced Space Vector Pulse Width Modulation(ESVPWM), Universal Journal of Electrical and Electronic Engineering, 6(5),329-350,2019,DOI:10.13189.
- 5 Y. Mohamed Shuaib , V. Kubendran , J. Preetha Roselyn and K. Vijayakumar, A New Cascaded Single Phase Multilevel Inverter Topology with Reduced Switches, International Journal of Advanced Science and Technology(IJAST) Vol. 29, No. 9s, (2020), pp. 6011-6019 6011 ISSN: 2005-4238.
- 6 G.Kavitha and Y.MohamedShuaib,Fuzzy Logic Controlled AC to AC Converter FED Three Ohase P.M.S.M Drive, International Journal of Recent Technology and Engineering, July 2019,Volume 8, Issue 2,ISSN 2277-3878
- 7 S.JennathuBeevi, R.Jayashree Optimal Combination Approach for Frequency regulation in restructured power grid utility Vol 9, No.1, Jan 2020 International journal of Electrical and Electronic Engineering and Telecommunications, pp.28-37
- 8 K.SarmilaHarBeagam, R.Jayashree, M.Abdullah Khan "Optimal reactive power allocation and settlement in deregulated power market" Int. J. Power and Energy Conversion, International Journal of power and energy conversionpp-174-199,Vol. 11, No. 2, 2020.
- 9 S. JennathuBeevi, R.Jayashree, Optimal Fractional Order PI Controller for Frequency Ancillary Services in Restructured Power System, Energy Systems , Springer ,May 2020
- 10 BelwinJ.Brearley, R.RajaPrabu, K.regin Bose, V.Sankaranarayanan "Adaptive relay co-ordination scheme for radial microgrid" International Journal of Ambient Energy, Taylor & Francis (Impact factor: 0.43), 2020,

DOI: 10.1080/01430750.2020.1722226.

- 11 K. B. Bhaskar, A. Paramasivam and Y. Mohamed Shuaib, “Energy Channeling Led Driver Technology to achieve Flicker Free Operation with Zeta Converter for Power Quality Improvement,” *International Journal of Automation and Smart Technology*, ISSN: 2223-9766, vol. 10, no. 1, pp. 401-407, June. 2020
- 12 A. Paramasivam, K. Kamalanand, K. Sundravadivelu, C. Emmanuel and V. Rajinikanth, “Feature Extraction and Genetic Algorithm based Feature Selection for Diagnosis of Type-2 Diabetes using Electrograms,” *JMIR Preprints*. 02/06/2020:20932, ISSN 1438-8871.

b) Other journals :

- 1 S.Amirta Raj, D.Lakshmi, V.Madhankumar and R.Zahira “Switching Loss Reduction and Simulation of Quasi Z-Source Inverter System Fed BLDC Motor”. *International Journal of Advanced Science and Technology*, Vol. 29, no. 04, Feb. 2020, pp. 1149 -57.
- 2 Veerakumar.P, Sundar.R, D.Lakshmi, R.Zahira, “Automatic Temperature Control System for Ship’s Turbine Main Oil Cooler Using PIC Microcontroller”. *International Journal of Advanced Science and Technology*, Vol. 29, no. 04, Feb. 2020, pp. 1170 -74.

B. International Conference & National Conference

a) Conference with ISBN Proceedings :

- 1 S.Amirtharaj, Selvarani. M, Lakshmi.D, Zahira.R, “Design of MOSFET Inverter For a Grid Connected Photovoltaic System” , Proceedings of AICTE Sponsored National Conference on Recent Advances in On-Board

Ship Automation (RAOBSA-2019), 26th - 27th, September, 2019, Chennai, India, ISBN: 978-93-85434-75-4, PP: 253-256.

- 2 Richa, Beig, R.Jayashree “Operation of MMC based Unipolar HVDC under SM Failure , IEEE IECON 2019, 45th Annual Conference of the IEEE Industrial Electronics Society, to be held in Lisbon, Portugal during Oct. 14-17, 2019.pp.6133-6138”. ISSN/ISBN No978-1-7281-4878-6/19
- 3 Richa, Beig, R.Jayashree “Operation of MMC based HVDC under SM failure at sending end converter,IEEE Energy Conversion Congress and Exposition (ECCE 2019) Conference to be held in Baltimore, New York during September 29 - October 3, 2019.pp.1040-1046”, ISSN/ISBN No 978-1-7281-0395-2/19
- 4 Richa, Beig, R.Jayashree “Vector control of modular multilevel converter based unipolar HVDC system “ ,9th IEEE International Conference on Power and Energy Systems (ICPES 2019), Perth, Australia. December 10 -12, 2019, ISSN/ISBN No 978-1-7281-3455-0/19
- 5 A. Paramasivam, Y. Mohamed Shuaib, A. Sonya and I. Fathima, “Identification of Electrical Faults in Underground Cables using Machine Learning Algorithm,” In Multidisciplinary Digital Publishing Institute Proceedings, ISBN: 9783038422327 9783038420149, vol. 42, no. 1, pp. 20. 2020.
- 6 A. Paramasivam and K. Kamalanand, “A Thermal Sensor-Based Decision Support System for the Identification of Roof Leaks and Cracks,” In Multidisciplinary Digital Publishing Institute Proceedings, ISBN: 9783038422327 9783038420149, vol. 42, no. 1, pp. 7. 2019.
- 7 V.Bharanigha,Y.Mohamed Shuaib, “EFFICIENCY IMPROVEMENT STUDIES USING NANOMATERIALS IN BLDC MOTOR” ,International Conference on Nanotechnology, Renewable Materials Engineering & Environmental Engineering,(ICNRMEEE), October 2019.

b) Other Conferences :

- 1 S. JennathuBeevi, Dr.R.Jayashree, Dr.A.PeerFathima, “Optimal Fractional Order Controller for Frequency Regulation in Restructured Environment” in the 2nd International Conference PECCON 2019 organized by School of Electrical Engineering, VIT Chennai on December 14th, 2019.
- 2 S.Naveenkumar, Vinitha S, V.Bharanigha, Y.Mohamed Shuaib “Fully Automated Smart Restaurant”, AICTE - National Conference on Recent Advances in On- Board Ship Automation, September 2019.

10. Details of Impact Factor Of The Publication and H-Index

A) Range : 0.2 to 3    B) Average : 0.4    C) H-Index : 4    D) No in Scopus: 12

11. Sponsored Research (Ongoing / Applied):

S.No	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount (Rs.)				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1	Dr.Y.Mohamed Shuaib V.Bharanigha,	Technology Missions Division	Implementation of Single stage grid connected micro					Under Processing

	Dr.A.Paramasivam	Programme or Scheme :SERD 2019 on 11 <sup>th</sup> October 2019 (CONVERGENT SOLAR SOLUTION STREAM)	Inverter and management of power flow in nano/micro grids					
2	Dr.A.Paramasivam Dr.R.Jayashree	Research Scheme on Power (RSOP), Central Power Research Institute, Bangalore	Quasi Z source Bidirectional DC-DC converter with energy storage device for solar powered electric vehicles					Submitted

12. Details of Major Equipment Purchased (Financial year 2019-20):

S.No	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs	Working Status	
					Yes	No
1	Mi Power Software	PRDC, Bangalore	05.09.2029	10,03,000	Yes	-

13. Book Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	EUR		
1	Dr. R. Zahira	Chapter –“Control Techniques for Improving Quality of Power - A Review”	-	-	Published by Bonfring , Holistic Research Perspectives [Volume 4], 2019,	-
2	Dr. R. Zahira	Chapter - “Load Frequency Control in Deregulated Power System”	-	-	Published by Bonfring , Holistic Research Perspectives [Volume 4], 2019,	-
3	Dr. A. Paramasivam, AP/EEE	Innovative Data Communication Technologies and	18265.44	213.99	Springer, Cham, Switzerland	<a href="https://doi.org/10.1007/978-3-030-38040-3_90">https://doi.org/10.1007/978-3-030-38040-3_90</a>

		Application/ Secure Transmission of Human Vital Signs Using Fog Computing				
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#### 14. Patents

S.No	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1	Dr. R. Zahira "Modified stator winding arrangement in three phase induction motor "	-	201941036842A 11.10.2019	-	-
2	Dr. R. Zahira Active power filter to improve power quality using PI & fuzzy controller	-	201941032289A 06.09.2019	-	-

15. Achievements of Staff:

S. No	Name of the Faculty/ non teaching Staff	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr.R.Jayashree	Received a cash award of Rs 20,000 and Certificate under Research Incentive Award to publish paper in Elsevier	BSACIST	04.09.2019
2.	Dr.R.Jayashree	Received a cash award of Rs 2000 for membership and Certificate of appreciation from IEEE Madras Section for organizing student branch activities towards the advancement of IEEE during the year 2019.	IEEE Madras Section	07.03.2020
3.	Dr. R. Zahira	Received Young Educator & Scholar Award in 10th National Teachers' Day Awards 2019 from NFED Association (Coimbatore)	NFED Association (Coimbatore)	05.09.2019
4.	Dr. R. Zahira	Received Best alumni award for academics by BSA CRESCENT ALUMNI ASSOCIATION AWARDS @ Hangout 2019	BSA Crescent Alumni Association	14.12.2019
5.	Dr. A. Paramasivam	Young Faculty Research Award	BSACIST	September 2019
6.	K.SarmilaHarBeagam	Received a cash award of Rs 10,000 and Certificate under Research Incentive Award to publish paper in Elsevier	BSACIST	04.09.2019
7.	Dr. Zahira	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019



8.	Mr. S. Suresh	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
9.	S.JennathuBeevi	Received a certificate of appreciation for an outstanding contribution towards the growth of BSA Crescent Alumni Association for the year 2019-2020.	BSA Crescent Alumni Association	March 2020

Dr. R. Zahira-Received Young Educator & Scholar Award in 10th National Teachers' Day Awards 2019 from NFED Association (Coimbatore)

Dr. R. Zahira- Received Best alumni award for academics by BSA CRESCENT ALUMNI ASSOCIATION AWARDS @ Hangout 2019



Dr. A. Paramasivam

Young Faculty Research Award



S.JennathuBeevi

Received a certificate of appreciation for an outstanding contribution towards the growth of BSA Crescent Alumni Association for the year 2019-2020.



## 16. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Syed Wiquar Ahmed	160041601035	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
2.	Gughan N.M.	170041601006	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
3.	MohitJaisingh M.	170041601019	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
4.	Sathiyaseelan M.	170041601036	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
5.	Ranganathan S.	170041601023	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
6.	MahaHanifa Rabi	170041601012	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
7.	Mohamed AbubackarShiddik M.	170041601013	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019

8.	Mohamed Haneef	170041601015	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
9.	Nihal	170041601021	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
10.	Rohith H.	170041601024	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
11.	SajithFaras S.	170041601025	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
12.	Sakthi Kumar G.	170041601026	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
13.	Sayed Mohamed Salihu M.N.	170041601028	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
14.	StefiCarvalho	170041601031	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019
15.	FadhalullahInayadullah	170041601035	NPTEL Course Completion	SWAYAM - NPTEL	Nov 2019

## 17. Developmental Activities

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
01	School visit to promote the admission in B.Tech EEE for the year 2020-2021 was arranged to Sri Ramakrishna BHEL School, Ranipet on 04.10.2019.	1 Day	Mrs.V.Bharanigha, AP/EEE, Mr.C.Athbel Joe, AP/EEE, Mrs.S.JennathuBeevi, AP(SG)/EEE, Dr.Zahira, AP/EEE and Mr.S.Suresh, AP/EEE	University and Department Branding	A few students are expected to join.
02	School visit to promote the admission in B.Tech EEE for the year 2020-2021 was arranged to Unity Public School Kotturpuram on 11.10.2019	1 Day	Mr.C.Athbel Joe, AP/EEE, Mrs.S.JennathuBeevi, AP(SG)/EEE,	University and Department Branding	A few students are expected to join.

### 18. Industry / Institute Collaboration

S.No	Name & Address of Industry/Institute	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1	M/s. OHM Energy Sys.	Areas of training, knowledge sharing and placement.	16.03.2020	Ongoing		MoU Signed.

### 19. Professional Society Activities

S. No	Name of Society	Type of activity	Details of Participants			Details of Guest Speaker	Outcome	Remarks
			Faculty	Students	Others			
1.	SEEE and IEEE activities	Connection Shootout Tik Tap Toe Circuit Hunt	Nil	36 25 35 30	Nil	Mr. S. K. Mohamed Aslam, General Manager, Ohm Energy Management Systems Pvt. Ltd.	Exposure to various activities	Very useful to the students

20. MoUs Signed:

S.No	Name of the firm/Institute	Type of Collaboration	Details of MoU			Outcome Expected	Current status
			Day	Month	Year		
1	M/s. OHM Energy Sys.	Areas of training, knowledge sharing and placement.	16	March	2020	Training for faculties of the department.  Training for the employees of OHM Energy sys.  Internship for students and faculty members  Consultancy  Placement	Ongoing.



21. Extension Activity Conducted:

S.No	Type of extension activity	Details of Participants			Details of Beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1	“Energy Scenario and Emerging Opportunities in the Indian Energy Sector” Resource Person S.Ramalingam, Chairman & Managing Director, Enfuse	Seminar	8	75	-	31.01.2020	Awareness on use of Energy
2	GATE Awareness program Resource Person: Mr. C. Athbel Joe, and Mr. S. Suresh, BSACIST	-	-	10	-	13.6.2020	Motivation and guidance to prepare for GATE during this lockdown period.
3	Unnat Bharat Abhiyan Project	4	15	-	Kattur Village People	14.02.2020	Corona Awareness

22. Important Visitors:

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Dr. JayashriRavishankar and Ms. SnigdhaMoitra	Associate Professor/ Deputy Head of School (Education), School of Electrical Engineering and Telecommunications at University of New South Wales, (UNSW), Sydney, Australia	To look for the possibilities of establishing a MoU with UNSW, in terms of academic and research relevant activities.	Student Exchange Program and collaborative research
	Ms. SnigdhaMoitra	University of New South Wales - Director Recruitment & Partnership India		

## 23. Any Other Information

### I.As a resource person

Dr. R. Zahira	Delivered a guest Lecture on Stability Analysis on Power System	14.08.2019	Tagore Engineering College, Chennai
Dr. R. Zahira	Key note speaker for AICTE sponsored Two days National Conference on " Recent Advances In On–Board Ship Automation "	27.09.2019	AMET( Deemed to be University), Chennai
Dr. R. Zahira	Delivered guest lecture on Circuit Breakers	14.09.2019	Prince ShriVenkateshwaraPadmavathy Engineering College, Ponmar, Chennai -127
Dr. R. Zahira, AP/EEE”	Delivered a guest lecture on the topic “Reference theory fundamentals- IG, PMSG and DFIG	27th February 2020	Tagore Engineering College, Chennai

- Dr.R.Zahira got supervisor recognition with effect from 1<sup>st</sup> Jan 2020. (Reference no: EE/20/ 08)
- Mrs.S.JennathuBeevi, completed pre synopsis on 17<sup>th</sup> February 2020 under the guidance of Dr.R. Jayashree.
- Mrs.Belwin J. Brearley completed pre synopsis on 20<sup>th</sup> March 2020 under the guidance of Dr.R.RajaPrabu.
- Mrs.BelwinJ.Brearley reviewed a paper titled “Optimal Structuring of Microgrid Distributed State Estimation” in Electric Power components and systems “Optimal Structuring of Microgrid Distributed State Estimation” Taylor and Francis, March 2020.

- Mrs.S.JennathuBeevireviewed a paper titled “Online Harmonic Elimination Pulse Width Modulation Technique for Modular Multilevel Cascade Converter” Journal of Emerging and Selected Topics in Power Electronics IEEE, Publisher.
- Mrs.S.JennathuBeevireviewed a paper titled “Design, implementation and experimental results of an Inductive Power Transfer system for electrical bicycle wireless charging” IET Renewable Power Generation IET, Publisher.
- S.Suresh completed NPTEL course DC Microgrid duration July –Dec 2019.

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/moc/>

Roll No: NPTEL19EE63511183178

To:  
 R ZAHIRA  
 95 FLORA, 103 FLOOR, TAJ APPT, MATHAN  
 GOMI ST, ADAMBANAM  
 CHENNAI  
 TAMIL NADU  
 600085  
 PH. NO 9841 22884

Score	Type of Certificate
>=90	Elite-Gold
75-90	Elite-Silver
>=60	Elite
40-60	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL: 2  
An additional 1 credit may be awarded if the University credits it to, based on the actual student effort involved.

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**R ZAHIRA**  
 for successfully completing the course  
**DC Microgrid**

with a consolidated score of **77** %

Online Assignments **24.17/25** Proctored Exam **52.5/75**

Total number of candidates certified in this course: **417**

Prof. V. G. Sivakumara  
Board Chair, Continuing Education Centre  
 IIT Bombay


Jul-Sep 2019  
(8 week course)

Prof. Indresh Singh  
NPTEL Coordinator  
 IIT KGP

Indian Institute of Technology Bombay




Roll No: NPTEL19EE63511183178 To validate and check scores: <https://npTEL.ac.in/moc/>


  
**Roll No: NPTEL19EE63S11183170**

**To: S SURESH**  
 PLOT NO 26  
 KAVERI NAGAR  
 NEAR GANESH NAGAR PARK  
 IYYENCHERY  
 URAPPAARKAM  
 CHENNAI  
 TAMIL NADU  
 605216  
 PH. NO :072073658

**Duration of NPTEL course: 8 Weeks**




No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)




This certificate is awarded to

### S SURESH



for successfully completing the course

### DC Microgrid

with a consolidated score of **83 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jul-Sep 2019)

  
  
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19EE63S11183170
To validate and check scores: <http://npTEL.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
 This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
 F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### 1. Value Added Programmes Started :

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
01	Automotive Embedded Systems	Mar – Aug 2018	40	Jasmin Infotech, Chennai	19	01	NA
02	Certified Lab view Associate Developer (CLAD)	Sep – Nov 2019	40	National Instruments Bangalore	15	-	-

### 2. Interdisciplinary Programmes Conducted:

S.No	Name of Programme	Other departments involved	Details of Participants			Programme Outcome
			Students	Faculty	Others	
01	The Dept of ECE along with School of Mechanical Sciences organized Value Added Programme on “Automotive Embedded Systems” in association with Jasmin Infotech, Chennai	Automobile Engineering	No of students from ECE 13 Auto 06	ECE - 01		03 PG and 02 UG students got project internship at Jasmin Infotech, Chennai

3. Details of Field visits organized by the department:

S. No.	Participant Details				Name of faculty Organized the event	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec .	No. of Students					
1	B.Tech	V	A	43	Ms.Anusooya Ms.R.Anitha Ms.Sivashanmugavalli	NLC India Mining (Coal & Lignite), Neyveli	07.11.2019	-	No
			B	45					
2	B.Tech	IV	B	39	Ms.M.Vanmathi Ms.A.Priya Ms.R.Anitha	Regional Telecom Training Centre (BSNL), PeriyarSalai, SIDCO Industrial Estate, Maraimalainagar, Chennai	12.02.2020	Internship -	No
	B.Tech	VIII	A&B	10					
	M.Tech(CS)	II	A	2					
3	B.Tech	VIII	A	47	Ms.Padma Usha Mr.Sadhish Prabhu	BHAVINI Project Station Building,Kalpakkam	14.2.2020	-	No
			B	22					
4	B.Tech	VI	A	48	Ms.Indra Gandhi Ms.Anusooya	TVS Training and Services Ltd (TTC-1), Ambattur Industrial Estate, Chennai	11.03.2020	Internship	No

4. Conferences / FDP / Seminars / Workshops/Webinars Organized :

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Three days summer training on "Analog & Digital IC design flow"	Training	1st to 3rd July 2019,	Entuple Bangalore.	Kedharnath L V FAE - Cadence	5		-	
2	Wireless Communication in Industry- Practical Examples	Seminar	24.07.2019		Dr Vignesh Raja Ramachandran, Scientist, Philips Embedded Research Division		35	-	
3	Inauguration of SECE and Clubs of Department	Seminar	22.08.2019		Dr. Madan Kumar Lakshman Senior Scientist, CSIR-CEERI Pilani. (Chennai Center)		400	-	
4	Hands-on training	Workshop	24.09.2019-		HEC club		36		



	on "ARDUINO"		26.09.2019		members				
5	PITCHIT	Competition	07.03.2020		Dr.B.Vijayalakshmi&Dr.Kannan		15		
6	Training on MYRio	Training	31.10.2019		Mr.AnishKumar, KL University.		8	-	
7	Workshop on Design & Development of Drones with AI	Workshop	09.10.2019-09.10.2019	Propeller Technology	Resource persons from Propeller Technologies, Chennai		51	5	
8	Terahertz Science Technology and Applications	Symposium	19.12.2019 – 20.12.2019		Dr.S.S.Prabhu, TIFR/Mumbai Dr.BalaPesala, CEERI-Chennai Dr. Mukesh Jewariya, NPL-Delhi Dr.E.Manikandan, Crescent Dr. Sunitha K A, SRMIST, Chennai Dr.B.S.Sreeja, SSNCE, Chennai		29	18	

9	Online Quiz for School Students	Competition	21.05.2020	-	-		-		29
10	Free Hands on Training on "PCB Design"	Training	21.02.2020	-	Mr.M.Selvakumar, Mrs.A.Priya and Mrs.Gomathi				66
11	Free Hands on Training on "PCB Design and Fabrication"	Training	28.02.2020	-	Mr.M.Selvakumar, Mrs.A.Priya and Mrs.Gomathi				52
12	Webinar on Gearing up for successful transition from student to professional"	Webinar	25.6.2020	-	Mrs. Kalpanakannan HR advisor		68		3
13	Webinar on Online Teaching and Branding	Webinar	24 and 25. 04.2020		Mr.Sadhish Prabhu, AP SG/ECE	61		69	
14	Hands on Training on Online Teaching Tools for Teaching Professionals	Training	20.05.2020		Mr.S.Sadhish Prabhu, Mr.A Ramesh Kumar	11		20	
15	Hands on session on "Effective Online Interactive Teaching Tools for School Teachers"	Hands on session	22- 26 June 2020		Mr.S.Sadhish Prabhu		-	407	

16	Gear up your career through LabVIEW certification	Webinar	12.06.2020		Mr. Anish Kumar	6		61	
17	Python for Everyone	Webinar	29.05.2020		Dr G Kannan, Asso Prof /ECE , Ms K Indra Gandhi AP (Sr.Gr) / ECE				115
18	Webinar on "Multicore Architectures"	Webinar	30.05.2020		Mr.Jawad Hussain, Graduate Technical Intern, Intel corporation, Bangalore, Alumni(2013 -17)		51		
19	Webinar series on "Recent trends in AI, IoT and Data Science"	Webinar series	08.06.2020- 12.06.2020		Dr.Madan Kumar Lakshmanan, Senior Scientist(CSIR-CEERI), Mohamed Aashik Rahman , CEO, Engineer and Inventor, Founder & CEO / Propeller Technologies R&DPvt Ltd Co-Founder, Mr. Aashik Bharath Egnya Varahan, Data Scientist,		35	370	

					mckesson Corporation, Ireland, Mr.V.N.Imadudeen, Vehicle System Engineer, Wabco, Chennai , Mr. Mohamed Hishaam M , Development Engineer 2 , Comcast Engineering Centre, Chennai				
20	Webinar on Optical Communication with solar Cells	Webinar	3.7.2020		Dr. Leon-Salas is an Associate Professor in the School of Engineering Technology at Purdue University.	11		136	
21	Webinar on "Opportunities for an Electronics and Communication Engineer"	Webinar	07.06.2020	Alumni	Mr.V.N.Imaduddeen Vehicle System Engineer WABCO		26	18	

5. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1.	Membership fee of II,III & IV B.Tech Students of ECE	3yrs/2yrs/1 yr	63,300	Towards Membership Fee

6. Conferences / FDP / Seminars / Workshops Attended:

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs)
1.	Ms. Anussoya, Ms. Jeanshilpa, Ms. S. Kalaivani & Ms. R. Anitha	My Robo Car Race	Workshop	23rd -25th January 2020	BSACIST	Nil
2.	Dr.C.Tharini, Dr.B.Vijayalakshmi,	Advanced Digital Signal Processing and SDR	Seminar	08.01.2020	BSACIST in association with SERB-OVDF	Nil

	Dr.Kannan Dr.Parnasreechakraborty, Mr.R.Iniyavan, Ms.B.Sivashunmughavalli, Ms.R.Mahalakshmi					
3.	All Faculty members of Department	Terahertz Science, Technology and Applications (TSTA-2019)	National Level Technical Symposium	19th & 20th December 2019	BSACIST	Nil
4.	All Faculty members of Department	Applications of Radar	Seminar	8th November 2019.	BSACIST	Nil
5.	Dr.S. KajaMohideen	Accreditation and Outcome based Learning – Online	FDP	Jul-Dec 2019	Swayam -Nptel	Nil
6.	Mr.S.Sadhish Prabhu	Design Thinking – A Primer	FDP	Jul-Dec 2019	Swayam -Nptel	Nil

7.	Mr.R.Iniyavan&Mr.Ramesh Kumar	Demystifying networking	FDP	Jul-Dec 2019	Swayam -Nptel	Nil
8.	Ms.Anussoya, Ms.Jeanshilpa, Ms.S.Kalaivani& Ms.R.Anitha	Teaching and Learning in General Programs: TALG	FDP	Jul-Dec 2019	Swayam -Nptel	Nil
9.	Dr. B. Vijayalakshmi	Covid-19 Awareness & Need of Physical Activity	Quiz Programme	24.05.2020	Department of Physical Education, BSACIST	Nil
10.	Dr. B. Vijayalakshmi	International Day Of Yoga '2020	Quiz Programme	22.06.2020	Department of Physical Education, BSACIST	Nil
11.	Dr. B. Vijayalakshmi	Demonstration with hands on exposure in Moodle Learning Management System.	The Faculty Development Programme	29.04.2020 - 01.05.2020.	Spoken Tutorial Project, IIT Bombay, MHRD, Govt., of India	Nil

12.	Dr. B. Vijayalakshmi	“Understanding Data Analytics with Real-Life Cases”	FDP	May 28-30, 2020.	Department of E&I Engineering,  St. Joseph’s College of Engineering,  Chennai-119 in association with IEEE Control System Society Student Chapter	Nil
13.	Dr. B. Vijayalakshmi	AI and IoT for Medical Applications	FDP	01.06.2020 - 03.06.2020	Department of ECE Engineering of GMR Institute of Technology,	Nil
14.	Dr. B. Vijayalakshmi	Opportunities and challenges in next generation semiconductor devices	FDP	16.06.2020 - 20.06.2020	Anil Neerukanda Institute of Technology, Visakapatnam	Nil
15	Dr.B.Vijayalakshmi	The Role of Engineers In	5 Day Industry Focused	22.06.2020 - 26.06.2020	Unitieup	Nil



		Making India A Five Trillion Dollar Economy	Program			
<b>16.</b>	Dr.B.Vijayalakshmi, Dr.Kannan Dr.Parnasreechakraborty, Mr.R.Iniyavan, Ms.B.Sivashunmughavalli, Ms.R.Mahalakshmi, Ms.Anussoya, Ms.Jeanshilpa, Ms.S.Kalaivani& Ms.R.Anitha, Ms.G.Anuradha	Arduino	FDP	July 19- November 19	IIT Bombay (Spoken Tutorial)	Nil
<b>17.</b>	Dr. K. Kannan & Ms. Indragandhi	PERL	FDP	July 19- November 19	IIT Bombay (Spoken Tutorial)	Nil

<b>18.</b>	All faculty members of ECE	Modelling Solar cell Luminescence for Wireless Communication	Seminar	09th January 2020	BSACIST/ECE	Nil
<b>19.</b>	Mr. Sathish Prabhu	Innovation ambassador training series on Entrepreneurship Development	Training	08.01.2020 - 09.01.2020	RMK Engineering College	Nil
<b>20.</b>	Ms. M. Vanmathi and Mr. A. Ramesh	How to identify Research Problem, Write HQ Research Papers and Proposals	Workshop	14.02.2020	BSACIST/ Research Office	Nil
<b>21.</b>	Ms. R. Anitha	Introduction to Quantum Computing	Workshop	20.02.2020 - 22.02.2020	SETS,Taramani	Nil

<b>22.</b>	Dr. B. Vijayalakshmi	Skill development on Covid-19	Online workshop	02.04.2020	CSI in coordination with ACM	Nil
<b>23.</b>	Dr.B.Vijayalakshmi, Mr. R.Iniyavan, Dr.ParnasreeChakraborty, Ms.A.Ambika, Ms.Vanmathi Ms.S.Anusooya	Online Teaching and Branding	Online workshop	24.04.2020	-	Nil
<b>24.</b>	Dr.B.Vijayalakshmi, Mr.R.Iniyavan, Dr. Parnasree Chakraborty	How to write papers, proposals for research, projects, patents and consultancy	Online workshop	21.4.2020	BSACIST/ Research Office	Nil
<b>25.</b>	Dr.G.Kannan, Ms .K. Indra Gandhi	How to use Turnitin software for your Research	Webinar	February 2020	Guru Nanak Institute of Management Studies	Nil

<b>26.</b>	Ms. S. Kalaivani	AWS technical essentials	Webinar	9.4.20	AWS Training & Certification team along with ICT academy.	Nil
<b>27.</b>	Mr. S. SadhishPabhu, Dr. Parnasree Chakraborty, Ms. Anusooya, Ms. V.Jean Shilpa	Stress Management	Webinar	12.04.2020	BSACIST	Nil
<b>28.</b>	Mr. S. Sadhish Prabhu	Why and How to write papers, proposals for Research Projects, patents and consultancy	Webinar	21.04.2020	FTA, BSACIST,	Nil
<b>29.</b>	Mr. S. SadhishPabhu	Wadhvani Foundation –WE Upskilling Program for Delivery of	Webinar	22.04.2020	Wadhvani Foundation	Nil

		Online Education - India				
<b>30.</b>	Ms.S.Anusooya, Ms.V.JeanShilpa, Ms.R.Anitha	Data Analytics and the basics of R language	Webinar	12th April 2020	BSACIST	Nil
<b>31.</b>	Ms.S.Anusooya,Ms.V.JeanShilpa,Ms.R.Anitha	Xilinx Zynq Ultrascale+ MPSoC and Pynq Framework custom design	Webinar	20.04.2020	Coreel Technologies, Bangalore	Nil
<b>32.</b>	Ms.V.JeanShilpa,Ms.R.Anitha	HTML Training	Online FDP	April 21-24th 2020	Spoken Tutorial, Bombay	Nil
<b>33.</b>	Ms.V.Jean Shilpa	Advancing through Adversities	Webinar	14th April 2020	BSACIST	Nil
<b>34.</b>	Ms.V.Jean Shilpa	Entrepreneurship & Govt grant schemes for Startups for	Webinar	23 <sup>rd</sup> April, 2020.	BSACIST	Nil

		Faculty				
35.	Ms.B.Sivashanmugavalli	Supporting 5G Fronthaul/Backhaul" by Lightwave	Webinar	23rd April, 2020.	-	Nil
36.	Ms.B.Sivashanmugavalli	Moodle learning management system	online FDP	29.4.2020 TO 1.5.2020	Spoken Tutorial, Bombay	Nil
37.	Ms.B.Sivashanmugavalli	5G NR Field testing	Webinar	22 April, 2020	-	Nil
38.	Ms. S. SyedRafiammal	Effective teaching for teachers"	Webinar	April, 2020	BSACIST	Nil
39.	Ms. S. Syed Rafiammal	Research Ethics	Webinar	April, 2020	BSACIST	Nil
40.	Ms. Ambika. A	Webinar series on "Recent trends in AI, IoT and Data Science"	Webinar	-	BSACIST	Nil

41.	Ms. Ambika.A	Two Days Webinar on 3D EM Simulation Involving CST Software	Webinar	18.05.2020 - 19.05.2020	Sri Venkateswara College Of Engineering	Nil
42.	Ms. Ambika. A	Experimental learning using Virtual Lab	Online faculty focus program	30.5.2020	UnitieUp	Nil
43.	Ms. Ambika.A	International Webinar Series on “Advanced Antenna Design Principles”	Webinar	25th to 27th June 2020	SSN College of Engineering	Nil
44.	Ms. Ambika.A	FDP on Antennas and Microwave	Virtual FDP	22th to 26th June 2020	Saveetha Engineering College	Nil
45.	Ms. Ambika.A	“Python Automation For Beginners”	Webinar	18.05.2020.	St Joseph College Of Engineering And Technology	Nil

7. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	10	-	-	-	17	-	27

8. Details Of Publication In National & International Journals & Conferences: (IEEE Format) :

a) **SCI/Scopus Indexed Journal**

1. K Indragandhi, Jawahar P K, "An Application based Efficient Thread Level Parallelism (ETLP) scheme on Heterogeneous Multicore Embedded System for real time image processing", scalable computing practice and experience, Vol No 21, Issue No 1 , March 2020.
2. K Indragandhi, Jawahar P K, "Core Performance Based Packet Priority Router for NoC-Based Heterogeneous Multicore Processor", Advances in Intelligent Systems and Computing, Intelligent System Design, Vol. 1171 978-981-15-5399-8, 486679\_1\_En, (Chapter 40),Springer -In Press.DOI-10.1007/978-981-15-5400-1.
3. Imtyaz Ahmed and Dr.G. Kannan, 2020, "Overcoming Privacy and Security Challenges of Internet of Things Applications", International Journal of Future Generation Communication and Networking, Vol. 13, No. 1, (2020), pp. 1550-1556.
4. Imtyaz Ahmed and Dr.G. Kannan, 2020, "Cloud-Based Remote RFID Authentication for Security of Smart Internet of Things Applications", Journal of Information and Knowledge Management, World Scientific Publishing , ISSN (print): 0219-6492 | ISSN (online): 1793-6926 (In press).
5. S. Kalaivani, C. Tharini, K. Saranya &KosireddyPriyanka,"Design and Implementation of Hybrid Compression Algorithm for Personal Health Care Big Data Applications", Wireless Personal Communications (2020) 113:599–615,Volume 113, Number 1, 28 March 20220.



6. S. Kalaivani and C.Tharini, "Analysis and implementation of novel Rice Golomb coding algorithm for wireless sensor networks", Volume 150, 15 January 2020, pp. 463-471.
7. S.Anusooya, Dr.P.K.Jawahar,"Design and implementation of advanced step down switched capacitor converter using threshold voltage logic", International Journal of Systems, Control and Communications (IJSCC),ISSN online :1755-9359,ISSN print:1755-9340.
8. V.Jean, Dr.P.K.Jawahar, "Efficient algorithm design on hybrid CPU-FPGA architecture for high performance computing", International Journal of Systems, Control and Communications (IJSCC)..
9. Parnasree Chakraborty, C.Tharini,"Pneumonia and Eye Disease Detection using Convolutional Neural Networks", is published in Engineering, Technology & Applied Science Research ,Vol. 10, No. 3, June 2020, pp.5769-5774, eISSN 1792-8036,pISSN 2241-4487.
10. Mohammed Wajid Khan, S KajaMohideen, "Design and Implementation of Low Power 8x8 Array Multiplier with Proposed CORDIC Algorithm Architecture" International Journal of Advanced Science and Technology, vol 29 , issue 8 , 2020.
11. Rafiammala,NajumnissaJamal, KajaMohideen, "Reconfigurable Hardware Design for Automatic Epilepsy Seizure Detection using EEG Signals" is published in Engineering, Technology & Applied Science Research, Vol. 10, No. 3, June 2020, pp.5803-5807 eISSN 1792-8036,pISSN 2241-4487.
12. A Priya, S KajaMohideen,"Design of Frequency and Polarization Agile Patch Antenna for Wireless Communications",IETE Journal of Research, 1-12,SCI,May 2020.
13. A Priya, S K Mohideen, M Saravanan,"Multi-state reconfigurable antenna for wireless communications,Journal of Electrical Engineering & Technology 15 (1), 251-258,Jan 2020.
14. A Priya, S.KajaMohideen, M Saravanan,"Design of Polarization Reconfigurable Patch Antenna for Wireless Communications", Applied Computational Electromagnetic Society SCI ,May 2020.
15. M.PadmaUsha,G.Kannan,M.Ramamoorthy,M.Sharmila,G.A.Huzaifa Anjum,M.S.H.Hairunnisha,"Multimodal Brain Image Fusion using Graph Intelligence Method",International Journal of Research in Pharmaceutical Sciences,Vol no.11,Issue no.2,pp 2713-2724,June 2020.
16. N.Ameer Suhail, S.Anusooya, "Design Of Low Power Voltage Doubler Circuit For Power Harvesting Applications",international journal for science and advance research in technology(IJSART) - Volume 6, Issue 6,pp-385-388, ISSN [ONLINE]: 2395-1052,June 2020
17. B.Sivashanmugavalli, B. Vijayalakshmi, L.Badhree Rao, S.Samiulla." Design of 4X4 CSRR Metasurface Loaded Patch Antenna"TEST Engineering And Management, ISSN: 0193-4120, pp: 25245-25248, March-April 2020.

18. R. Anitha, Afrin, Aravind kumar, Nishath fathima, “ An efficient robot for pond & lake cleaning” , International Journal of Disaster Recovery and Business Continuity, Vol.11, No. 1 (2020), pp. 1745- 1755.

**International Conference & National Conference:**

**a) Conference with ISBN Proceedings**

1. Ms. S. Kalaivani, Manikandan D, Manthra T, Abarna S and Dr. C.Tharini, “A Survey on Wearable and Wireless ECG Monitoring System”, 10th International Conference on Science and Innovative Engineering, Jawahar Engineering College, Chennai, 29th March 2020.
2. Afrin Fathima, Vigneshwaran, Samiullah, Thoufeek Ahamed, Kalaivani S and Vijay Anand, “A Survey on Solar Energy Harvester for Wireless Sensor Nodes”, 10th International Conference on Science and Innovative Engineering, Jawahar Engineering College, Chennai, 29th March, 2020.
3. R.Anitha, S.Anusooya, JeanShilpa, Pragadeesh, Kiran Balaji, “NexGen Indoor Farming Monitoring System”, 5th IEEE International Conference on Inventive Computation Technologies (ICICT-2020) 26-28 February 2020.
4. P V Bhuvaneshwari; C Tharini, “LDPC Codes for Distributed Storage systems”, 2019 11th International Conference on Advanced Computing (ICoAC), IEEE Conference, Chennai, India, India
5. Salma A, Shaik Mohsin, Shaik Momin and Dr. Parnasree Chakraborty, “Implementation of Automated Car Audio System Based on Driver’s Facial Expressions using Deep Learning,” in International Conference on Smart Modernistics in Electronics and Communication-ICSMEC ‘29th & 30th June 2020, pp-221
6. H.Rohit Kumar Bansal, Shaik Rahaman Riyaz Ahmed, Sheik Mohammed Azaruddin, G.Anuradha, “Fall Prevention and Detection in Dementia Patient”, International Conference on Smart Modernistic in Electronics and Communication, pp. 165, June 2020.
7. A.Priya, A.Nafeesa, E.Sharumathi, R.Raghul, “Sensor based helmet for the safety of two-wheeler drivers”, IWCSET 2020 organized by Ramco Institute of Technology, Rajapalayam, Tamilnadu, India on 26th & 27th June 2020.
8. N.Ameer Suhail, S.Anusooya. “An Efficient DC-DC Boost Converter for Low power Applications”, Virtual International Conference on Innovation in Interdisciplinary Research 2020, organized by Kalasalingam Academy of Research and Education during 23-24 June 2020.
9. R.Anitha, Shaik Ammaar Ahamed, Shaik Naveed Imran, R.Augustin Vijay, “LIFI BASED VEHICULAR TO VEHICULAR COMMUNICATION SYSTEM”, Virtual International conference on Innovation in Interdisciplinary Research 2020, organized by Kalasalingam Academy of Research and Education during 23-24 June 2020.

10.R. K. ShaikshaMoula, Shaik Ishaq Anwar , Mohammed Shahid Nawaz,Dr. Parnasree Chakraborty,” Design And Implementation Of Predictive Compressed Sensing Algorithm for Environmental Data Compression In Wireless Sensor Network”, 13th International Conference on Recent Development in Engineering, Science, Humanities and Management (ESHM-2020), Goa, 25th July 2020 , Conference Proceeding: ISBN: 978-93-90103-05-8.

9. Details of Impact Factor of the Publication and H-Index

- A) Range - 0.4 to 2.8
- B) Average-0.72
- C) H-Index - 7
- D) No. In Scopus-16

10. Sponsored Research (Ongoing / Applied) : Ms.A.Ambika

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1	Sivashanmugavalli B	Science & Engineering Research Board (SERB)  Teachers Associateship for Research Excellence (TARE)  File Number: TAR/2019/0003	Design of Antenna for 5G Communication	Yearly 2.75lakhs	-	-	-	Ongoing

		52						
.2.	Principal Investigator: Dr.C.Tharini HOD/ECE Coinvestigators: 1. Dr.S.KajaMohideen 2 Dr.Selvalakshmi , HOD/ Yoga Department TN Sports University	SATYAM Special Call , DST	AROGYA APP: Holistic App to provide 30 day Yoga and Meditation therapy to improve Immunity & reduce Stress in Older Adults					Budget - 15 Lakhs Submitted in April 2020
3.	Principal Investigator: Dr.S.KajaMohideen Coinvestigators: 1. Dr.C.Tharini& 2. Dr.Purushothaman , Dy. Director, Physical Education Dept., BSACIST	SATYAM , DST	IoT based Therapeutic Yoga treatment to control and monitor the health of quarantined COVID- 19 affected patients.					Budget - 42 Lakhs Submitted in April 2020
4.	Principal Investigator: Dr.S.KajaMohideen Coinvestigators: 1. Dr.C.Tharini& 2. Dr.Purushothaman , Dy. Director, Physical Education Dept., BSACIST	TNSCST	Yoga and meditation based Therapeutic treatment supported by IOT for early recovery of COVID- 19 affected patients.					BUDGET : 5 Lakhs Submitted in May 2020
5.	Mr.A.Ramesh Kumar Ms.B.Sivashanmugavall i		5G Hackathon. 1. Smart Antenna System 2. Remote Learning for Digital India					Submitted

6	Ms.S.Kalaivani	Challenge Covid-19 Competition on 15.4.20	Smart contact free device to detect symptoms of COVID-19 .					Submitted
7.	Principal Investigator: Ms.B.Sivashanmugavalli	Research Proposal jointly with SaamYaa to Facebook Research Grant worth \$57K	A Portable Comforts on " Economic Impacts of Digital Technologies on MSME Service sectors on India"					Applied
8.	Dr.C. Tharini, HoD/ECE Shri. M. Parvez Alam, CEO and Director CIIC as the Principal Investigator, Mr.S.Sadhish Prabhu Assistant Professor Senior Grade/ECE and/Mr.AkshayVaidyanathan, Assistant Manager - Crescent Innovation and Incubation Council as the Co-Investigator	DST on 4 week Women Entrepreneurship Development Programme under Innovation and Entrepreneurship Division	4 week Women Entrepreneurship Development Programme under Innovation and Entrepreneurship					Applied
9.	Dr.Kannan Ms.K.Indra Gandhi	ATAL ( AICTE- Training And Learning Academy)	FDP proposal on 13-03-2020, "Artificial Intelligence and Machine Learning " during 14 <sup>th</sup> - 18 <sup>th</sup> December, 2020					submitted

11. Patents (Obtained / Applied) :

S.No	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1.	An Apparatus and Method of Artificial Intelligence Security Wearable System with Internet of Things	-	Publication Date : 30/08/2019 Application No.201941031483 A	-	-
2.	A system for detecting leakages & blockages in micro irrigation systems	15.12.19 CBR No-41381	-	-	-

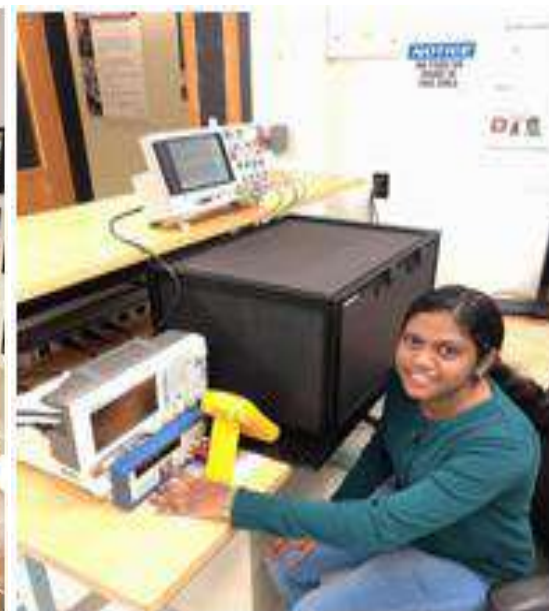
12. International Visits By Faculty / Students :

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country Visited	Purpose of visit	Period of visit	Outcome
1.	Ms.K.Sindhubala	Purdue University, USA	USA	International Research Collaboration - Overseas Doctoral Fellowship (OVDF) Programme	02.01.2019 to 06.03.2020	<ul style="list-style-type: none"> <li>● International collaborative research</li> <li>● Research publications</li> <li>● Guest Lectures</li> <li>● Student Exchange</li> <li>● Faculty exchange</li> </ul>

The international collaboration was carried at Purdue University, USA, through the Overseas Visiting Doctoral Fellowship (OVDF) programme sponsored by the Science and Engineering Research Board (SERB) under the Department of Science & Technology, Government of India, in association with Purdue University, West Lafayette, Indiana, USA.



SERB OVDF orientation program at Purdue University, USA – Ms.K.Sindhubala, B S Abdur by Rahman Crescent Institute of Science and Technology with Executive Members

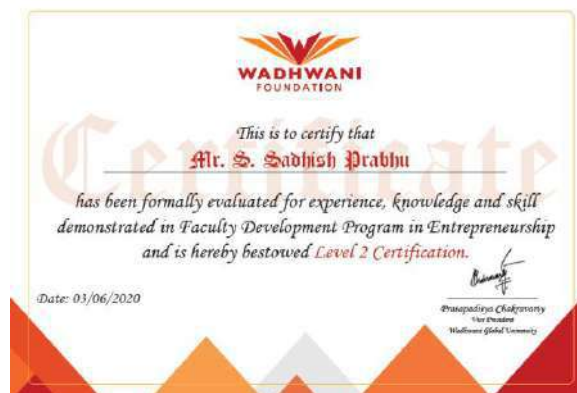


International collaborative research at Purdue University, USA  
 Ms.K.Sindhubala, B S Abdur Rahman Crescent Institute of Science and Technology

13. Achievements of Staff:

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	S.Sadhish Prabhu	L2 Certification in Entrepreneurship	Wadhvani Global University	03.06.2020

Note: Please attach relevant award certificate and Photographs



14. Achievements of Students:

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Sriram	170051601078	CYPER 2019-Received Rs 18,000	Entry ticket by Analytics India Magazine	September,2019
2	Yuvasri	160051601092	Student Ambassador of NSSC'19	National Student's Space Challenge 2019	September,2019



3	M.Mohammed Haris	160051601037	Head Of Crescent VJ Club	BSACIST	2019
4	Manikandan	160051601032	Excellence	Worked in the project "SKI NSLV-10 VIKRAM MISSION"  With Space kids India	August,2019
5	SumaiyaTabasum	180051601077	Won first prize in paper presentation titled, "Women in all walks of life in the 21st century"	JBA College for Women	March,20
6	SumaiyaTabasum	180051601077	Outstanding performer	BSACIST	December,19
7.	Vikram Raj	170051601090	Won first place and cash prize of Rs.3000/- for the techno jam event.	St. Joseph College of Engineering	September,19
8	M. D. Aman	19051601022	Winner in the event "Minute to Sell it"	NIFT, Chennai	2020

15. Industry / Institute Collaboration:

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
01	Jasmin InfoTech Pvt Ltd, Chennai	Corporate Social Responsibility (CSR) Project	2019	01		Product “Patient monitoring system for dementia patients” Guest lecture was delivered to Scheizophrenia Research foundation organization Chennai
02	Jasmin InfoTech Pvt Ltd, Chennai	Corporate Social Responsibility (CSR) Project	2020	01		Digital Assistance to Saranalayam Old Age Home Chennai
03	Jasmin InfoTech Pvt Ltd, Chennai	Project Internship	2020	05		3 PG and 05 UG students completed the project internship successfully
04	Nokia Solutions and Networks Pvt Ltd Chennai	Project Internship	2019-2020	06		06 UG students completed the project internship successfully

16. Society Activities:

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1.	IETE & IE	Inauguration of SECE and Clubs of Department	25	400	-	Dr. Madan Kumar Lakshman  <b>Senior Scientist, CSIR-CEERI Pilani (Chennai Center)</b>	Inauguration of various Clubs	
2.	IETE & IE	Webinar on "Multicore Architectures"			51	Mr. Jawad Hussain, Graduate Technical Intern, Intel corporation, Bangalore, Alumni(2013 -17)	Knowledge on Multicore Architecture	
3.	IETE & IE	Terahertz Science Technology and Applications-Symposium		29	18	Dr.S.S.Prabhu, TIFR/Mumbai  Dr.BalaPesala, CEERI-Chennai  Dr Mukesh Jewariya, NPL-		

						Delhi Dr.E.Manikandan, Crescent DrSunitha K A, SRMIST-Chennai Dr.B.S.Sreeja, SSNCE,Chennai		
4	IETE & IE	Webinar series on "Recent trends in AI, IoT and Data Science"		35	370	Dr.Madan Kumar Laksmanan, Senior Scientist(CSIR-CEERI), Mohamed Aashik Rahman CEO, Engineer and Inventor, Founder & CEO / Propeller Technologies R&D Pvt Ltd Co-Founder, Mr. Aashik Bharath Egnya Varahan, Data Scientist, Mckesson Corporation, Ireland, Mr.V.N.Imadudeen , Vehicle System	Knowledge on AI ,IoT and Data Science	

						Engineer, Wabco, Chennai , Mr. Mohamed Hishaam M , Development Engineer 2 , Comcast Engineering Centre, Chennai		
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17. Extension Activity Conducted:

S.No	Type of extension activity	Details of Participants			Details of beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1	Hands on session on "Effective Online Interactive Teaching Tools for School Teachers"	407	-	-	School teachers	22 to 26 June 2020	Visibility of the Department and the Institute among Schools in India and abroad

18. Important Visitors:

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Dr. Walter (Daniel) Leon-Salas	Associate Professor, School of Engineering Technology, Purdue University, USA	International collaborative research under SERB-OVDF (DST) programme	<ul style="list-style-type: none"> <li>• International collaborative research</li> <li>• Research Publication</li> <li>• Guest Lectures</li> </ul>
2	Mr. Mir Mohammed Ali	Director, Kerala State Suchitwa Mission, Govt. of Kerala.	Motivational Talk on How to prepare for Competitive Examination	Preparing students to appear for competitive exams
3	Dr. Madan Kumar Lakshmanan	Senior Scientist, CSIR- CEERI, Chennai	To deliver a guest lecture on Trends in Electronics and Communication Engineering – A Very Subjective Analysis	<ul style="list-style-type: none"> <li>• Awareness about Industries</li> </ul>
4	Mr. Vijaykumar B	Application Engineer, Zilogic Systems, Chennai	To deliver a guest lecture on Embedded Linux Device Driver	<ul style="list-style-type: none"> <li>• Utilization of Embedded Linux Device Driver</li> <li>• Paper publications</li> </ul>
5	Mr. Vijay Anand	Vice President, Altran Technologies	Smart Home and Connected Car	<ul style="list-style-type: none"> <li>• Familiarity with current automation</li> </ul>
6	Mr. Syed Sulthan Ibrahim	Air Traffic Controller, AAI, Chennai	Application of Radar	<ul style="list-style-type: none"> <li>• To create awareness with Signal controlling System</li> </ul>

## 19. Any Other Information

Dr. Walter Daniel Leon Salas, Associate Professor from Purdue University visited B S Abdur Rahman Crescent Institute of Science and Technology (BSACIST) to carry out the international collaborative research under SERB-OVDF programme from 3<sup>rd</sup> January 2020 to 17<sup>th</sup> January 2020.



Dr. Walter Daniel Leon Salas, Purdue University, USA and B S Abdur Rahman Crescent Institute of Science and Technology team members in International Collaborative research through SERB-OVDF



Faculty and Research Scholar interaction with Dr. Walter Daniel Leon Salas, Purdue University, USA, on 6<sup>th</sup> January 2020 at NICDP Laboratory, BSACIST

## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

### 1. Value Added Programmes Conducted:

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Arduino	05.03.2020		IIT BOMBAY	16		
2	Python	05.03.2020		IIT BOMBAY	25		
3	Latex	04.10.2019		IIT BOMBAY	31		

### 2. Details of Field visits organized by the department

Sl. No	Participant Details				Name of faculty Organized the event	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1	UG	IV	-	16	Ms.P.R.Hemavathy, AP(SG)/EIE	NLC India Pvt Ltd [TPS – II, Mines], Neyveli	11.2.2020	Various brand PLC, SCADA and HMI were demonstrated with real time applications	YES



### 3. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	“Perspective in Instrumentation & Automation“	Seminar	22.1.2020	Nil	Mr. Mansoor	1	16	-	-
2.	Job perspectives in Instrumentation & Automation sector“	Seminar	-	Nil	Mr. Mansoor	1	16		
3	Python for Engineers	Workshop	09.03.2020 - 10.03.2020	Nil	Mr. Arun Kumar, Teaching Fellow, University College of Engineering, Tindivanam	3	43	-	-
4	Optimum Efficiency Of the Plant Utilizing Calibration of Instruments	Workshop	04.03.2020 - 05.03.2020	Nil	Mr. A. Venkatesan, MTL, Eaton Instruments	3	27	5	3

**4. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities (for membership fees / organizing events) etc.**

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1	Workshop " Python for Engineers"	09.03.2020- 10.03.2020	Rs.6000/-	Toward conduct of Workshop

**5. Conferences / FDP / Seminars / Workshops Attended**

S.No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Financial support received from the institution
1.	Ms.G. Anitha	FDP on "Deep learning application-Design, Developement and Deployment in IoT Edge"	FDP	27.05.2020- 29.05.2020		NIL
2.	Ms.G. Anitha	FDP on "Digital Image processing and its Techniques"	FDP	06.07.2020 - 10.07.2020		NIL
3.	Ms.G. Anitha	FDP on "Health Care and Clinical Research"	FDP	04.06.2020 - 10.06.2020		NIL
4.	Ms.G. Anitha	Workshop on "Analytical Instrumentation"	Workshop	05.07.2020 - 09.07.2020		NIL
5.	Ms.G. Anitha	STTP on "Internet of Things, Big data Cloud-IDBC 2020-Phase II"	STTP	17.08.2020 - 22.08.2020		NIL

6.	Ms.G. Anitha	Webinar on "Engineering Optimization-Methods and applications"	Webinar	27.07.2020		NIL
7.	Ms.G. Anitha	Webinar on "Machine learning-Biomedical and Telecom applications"	Webinar	18.05.2020		NIL
8.	Dr.D. Najumnissa Jamal	FDP on Recent Innovations in Electrical, Electronics, Instrumentation, Automation and Teaching pedagogy	FDP	18.05.2020 - 30.05.2020		NIL
9.	Dr.D. Najumnissa Jamal	Recent Advances in Nano materials	Webinar	04.06.2020 - 06.06.2020		NIL
10.	Dr.D. Najumnissa Jamal	Emerging trends in energy and health care	Webinar	25.06.2020 - 27.06.2020		NIL
11.	Dr.D. Najumnissa Jamal Dr.P. K. Jawahar	FDP on Moodle learning Management system	FDP	02.07.2020 - 08.07.2020	Govt. Art & Science College	NIL
12.	Ms.S. Hemavathy	FDP in Application of Moodle LMS training	FDP	11.7.2020 18.07.2020, 19.7.2020 - 25.7.2020	BSACIST	NIL
13.	Dr.P. K. Jawahar	FDP on "Internet of things"	FDP	20.04.2020 - 24.04.2020	ATAL	NIL

14.	Dr.P. K. Jawahar	International Technology Data Science Boot camp	FDP	04.06.2020 - 07.06.2020		NIL
15.	Dr.P. K. Jawahar	FDP on "Opportunities and challenges in Next Generation Semiconductor Devices"	FDP	16.06.2020 - 20.06.2020	Keysight Technologies	NIL
16.	Dr.P. K. Jawahar	FDP on "Recent Trends in Information and Communication Systems"(RTICS 2020)	FDP	16.06.2020 - 20.06.2020	Karpagam College of Engineering	NIL
17.	Dr.P. K. Jawahar	FDP on Teaching & Learning of Advanced Control System	FDP	10.08.2020 - 16.08.2020	IEEE	NIL
18.	Dr.P. K. Jawahar	FDP on "Research topics in VLSI and Industry Trends"	FDP	29.05.2020 - 31.05.2020	GMR Institute of Technology, Kakinada	NIL
19.	Dr.P. K. Jawahar	FDP on "Arduino"	FDP	29.04.2020- 03.05.2020	IIT, Bombay	NIL
20.	Dr.P. K. Jawahar	FDP on " Hands on Experience with Arduino using Virtual Tool"	FDP	25.06.2020 - 27.06.2020	Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engg. & Technology,Hyderabad	NIL
21.	Dr.P. K. Jawahar	FDP on " Recent Trends and Challenges of Internet of things	FDP	13.07.2020 -	RMK Engineering	NIL

		in Automation - I"		18.07.2020	College	
22.	Dr.P. K. Jawahar	Webinar on "All about Patent and Intellectual Property"	Webinar	26.04.2020	BSACIST	NIL
23.	Dr.P. K. Jawahar	Webinar on : "How to overcome challenges and Boost Admission During COVID 19"	Webinar	05.05.2020	Zovy Studios	NIL
24.	Dr.P. K. Jawahar	Webinar on "Simplifying IPR and patent filing"	Webinar	24.07.2020	BVICAM, New Delhi	NIL
25.	Dr.P. K. Jawahar	Webinar on : "IOT based biomedical applications in 5G"	Webinar	25.07.2020	Sri Aurobindo Institute of Technology	NIL
26.	Dr.P. K. Jawahar	Workshop on "Design and Development of E-Content"	Webinar	12.08.2020	BSACIST	NIL
27.	Dr.P. K. Jawahar	Webinar on "Collaborative Automation- COBOTS"	Webinar	17.06.2020	Kumaraguru College of Engineering	NIL
28.	Dr.P. K. Jawahar	Webinar on " Leadership Talk"	Webinar	13.06.2020	MHRD's Innovation Cell	NIL
29.	Dr.P. K. Jawahar	Webinar on : Internet of Things"	Webinar	12.06.2020	Easwari Engineering College	NIL
30.	Dr.P. K. Jawahar	Certification on " 1000Base-T1 automotive Ethernet Compliance testing"	Certification	21.05.2020	Cisco Netacademy	NIL
31.	Dr.P. K. Jawahar	Cisco Netacademy Course completion Certificate On	Certification	30.04.2020	Cisco Netacademy	NIL

		"Introduction to IoT"				
32.	Dr.P. K. Jawahar	Cisco Netacademy completion Certificate On "Introduction to Packet Tracer"	Certification	06.05.2020	Cisco Netacademy	NIL
33.	Dr.P. K. Jawahar	Cisco Netacademy completion certificate on "Programming Essentials in Python"	Certification	13.05.2020	Cisco Netacademy	NIL
34.	Dr.M. S. Murshitha Shajahan	Future Research Scope in Electrical Engineering	Webinar	22.06.2020 - 26.06.2020		NIL
35.	Dr.M. S. Murshitha Shajahan	AI - The world of Prediction Machines	Webinar	24.06.2020 - 30.06.2020		NIL
36.	Dr.M. S. Murshitha Shajahan	5Day Webinar series on "Technologies Shaping Future Automation" Micro sensors IOT	FDP	19.06.2020		NIL
37.	Dr.M. S. Murshitha Shajahan	Tips to Formulate Research Project Proposals and Write Technical Papers	STTP	21.06.2020 - 22.06.2020		NIL
38.	Dr.M. S. Murshitha Shajahan	Global Opportunities in Instrumentation	Webinar	20.06.2020		NIL
39.	Dr.M. S. Murshitha Shajahan	Industrial Automation	Webinar	17.06.2020		NIL
40.	Dr.M. S. Murshitha Shajahan	Activities of Instrument Discipline in project Execution	Webinar	18.06.2020		NIL

41.	Dr.M. S. Murshitha Shajahan	Safety Instrumentation Systems in modern process industries	Webinar	18.06.2020		NIL
42.	Dr.M. S. Murshitha Shajahan	Deep Learning for Modelling and Control of Bio Process	Webinar	22.06.2020		NIL
43.	Dr.M. S. Murshitha Shajahan	Modelling and EMPC Based Control of Steam Hydrolysis Process	Webinar	23.06.2020		NIL
44.	Dr.M. S. Murshitha Shajahan	Career Opportunities in Electronics	Webinar	24.06.2020		NIL

#### 6. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
with ISBN	Others	with ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-					12	7	19

#### 7. Details Of Publication In National & International Journals & Conferences: (IEEE Format)

##### A. International Journal & National Journal

c) SCI/Scopus Indexed Journal : 12

d) Other journals : 7

#### 8. Details of Impact Factor Of The Publication and H-Index

A) Range: 1 -13 B) Average: 6.5 C) H-Index: 14 D) No. In Scopus: Range: 0.1 -4.64; Average: 3.25

### 9. Sponsored Research (Ongoing / Applied)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount (Rs.)				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1	Dr. U. Sabura Banu Dr.M.Mohamed Ismail	Department of Biotechnology	Design and Implementation of e-Cardiotocography (e-CTG) and interpretation of the symptoms using machine learning and deep learning techniques for the Cardiotocography signal	-	-	-	-	Submitted on 13.01.2020
2.	Dr.U.Sabura Banu	Government of India and Ministry of Health and Family Welfare	3D Hand band sanitizer submitted on 15.4.2020	-	-	-	-	Applied



5.	Dr. H. Kareemullah Dr. D.Najumnissa Dr.P.K.Jawahar	TNSCST Project Scheme Research on Covid-19	Development of low cost air conditioned reusable PPE for Health care workers	-	-	-	-	Applied
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### 10. Patents

S.No	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1	Remote controlled bulb holder	CBR No.30206/E-2/2914/2019-CHE dated 17/09/2019			NIL

### 11. International Visits By Faculty / Students

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country Visited	Purpose of visit	Period of visit	Outcome
1	Dr.D.Najumnissa Jamal, Prof / EIE	London School of Economics and Political Science	London	To improve pedagogy of teaching and learning	25.01.2020	Improvement in pedagogy of teaching and learning

### 12. Achievements of Staff

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr.U. Sabura Banu	Served as a judge in the Internal Hackathon	SRM Institute of Science and Technology	21 <sup>st</sup> January 2020
2	Dr. U. Sabura Banu	Selected for quarter finals in India Innovation challenge design contest	Texas Instruments and Department of Science and Technology	

### 13. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Mr.Varshan Mohan	180061601014	Course on 'Ethical Hacking' in NPTEL	NPTEL	February 2020
2	Ayisha Sheerin	180061601002	ARDUINO course	IIT,BOMBAY	APRIL 2020
	Gowri Sravan	180061601003			
	Joy Mathew	180061601004			
	Mohamed Feroz	180061601005			
	Mohammed Ishaq	180061601006			
	Kiran	180061601007			
	Ramavinodhini	180061601008			

	Salman Sheik Ismail	180061601009			
	Sarfras Ahamed	180061601010			
	Shaikh Aman	180061601011			
	Syed Suhail Aziz	180061601012			
	Usman	180061601013			
	Varshan	180061601014			
	Sufi Mohammad	180061601015			
	Riyas Ahamed	180061601016			

## SCHOOL OF INFRASTRUCTURE

➤ **Department of Civil Engineering**

## DEPARTMENT OF CIVIL ENGINEERING

### 1. New Programmes Started

S.No	Name of Programme	Month & Year of Introduction	Details of Approval			
			Board of Studies	Academic Council	BOM	AICTE/UGC
1.	Minor degree on GIS and Remote Sensing	July,2020	02.06.2020			

### 2. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	Faculty Development Programme on Recent Trends in BIM	04.07.2019	8	Cadd Centre, Tambaram, Chennai	-	20	-
2.	Value added training programme	17.09.2019 -	14	M/S.Land Coordinate	51	2	-

	on“Surveying- Hands on Training in Total Station and GPS”	19.09.2019		Technology, Chennai			
3.	Training Programme on Cost X	24.09.2019 - 25.09.2019	12	Infinity PMC Pvt. Limited	85	2	-
4.	Value Added Training Programme on "Non - Sewered sanitation an important link for sanitation solutions in urban India"	27.09.2019 - 28.09.2019	21	M/S. Indian Institute of Human Settlements	30	3	-
5.	Training program on Stadd	17.10.2019- 18.10.2019.	12	Techlauch pad	45	-	-
6.	Short Term Training Programme on Digital Project Management Using BIM	21.01.2020 -25.01.2020	30	De Novo Software Solutions	30	-	-



Short Term Training Programme- Digital Project Management  
using BIM



Faculty Development Programme on Recent Trends in BIM –  
04.07.2019





Training programme on Stadd Pro. – 17.10.2019 and 18.10.2019



Value Added Training Programme in "Non - Sewered sanitation an important link for sanitation solutions in urban India" – 27.09.2019 and 28.09.2019



Training program on CostX – 24.09.2019 and 25.09.2019



Value added training programme in "Surveying- Hands on Training in Total Station and GPS" - 17.09.2019 to 19.09.2019





### 3. Interdisciplinary Programmes Conducted

S.No	Name of Programme	Other departments involved	Details of Participants			Programme Outcome
			Students	Faculty	Others	
1.	Webinar on “Sustainable Infrastructure for the 21 <sup>st</sup> Century - doing more with less” by Dr Grant Wright, Heriot-Watt University	Crescent Innovation & Incubation Council (CIIC)	110	-	-	1. Research opportunities in UK 2. Addressed the Skill Gap - Expectations and preparedness for Masters programs in UK 3. Value Addition of UK Master’s Degree

### 4. Details of Field visits organized by the department

Sl. No	Participant Details				Name of accompanied faculty	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1.	B.Tech.	IV	-	46	Dr. V. S. Priya and	S.K.D Blue Metal,	05.02.2020	The different construction	No

					Ms. V. Roopa	Uthiramerur Village, Kanchipuram.		materials and its manufacture process are exposed to students.	
2.	M.Tech.	III	CEPM		Dr. K.Yogeswari and Mr. G. Priyanth	Gandhinagar, Gujarat	26.09.2019 to 28.09.2019 3 days	The students understood the pattern and significance of planned infrastructure and town planning.	No
3.	B.Tech	V	A&B	30	Dr. Priya VS and Mr.Y.Ibrahim	Faecal sludge Treatment Plant and Resource Recovery Plant at Karunguzhi, Kanchipuram, Chennai	28.09.2019	Resource recovery of FSM introduced to students	No

4.	B.Tech.	VI	A and B	18	Ms. N. Manickapriya	Site for Ground improvement by lime grouting, SSN College, Chennai	20.02.2020	The students understood the real time application of lime grouting technique in field to stabilize the soil.	No
5.	B.Tech.	IV	-	25	Mr. Y. Ibrahim	Chembarambakkam Water Treatment Plant, Chennai	13.03.2020	Water treatment system introduced to students	No
6.	B.Tech.	IV	-	26	Mr. S.Dhamodharan	Chennai Metropolitan Water Supply and Sewage Board Nesapakkam Sewage Treatment	13.03.2020	Wastewater treatment introduced to students	No

						Plant.			
7.	M.Tech.	II	-	12	Dr. K. Yogeswari and Mr. A. Sheik Farid	Auroville, Pondicherry	04.03.2020	The students were exposed on Rural and Urban Infrastructure facilities	No



Field visit to faecal sludge Treatment Plant and Resource Recovery Plant at Karunguzhi, Kanchipuram, Chennai for III year Civil Engineering Students on 28.09.2019



Field Visit – Lime Grouting for Soil Stabilisation – 20.02.2020



Field Visit- Chembarambakkam Water Treatment Plant – 13.03.2020



Field Visit- Nesapakkam Sewage Treatment Plant – 13.03.2020



Field Visit to Gandhinagar, Gujarat – 26.09.2019 to 28.09.2019 Field Visit to Auroville, Pondicherry – 04.03.2020

#### 5. Conferences / FDP / Seminars / Workshops Organized

S.No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	Recent Trends in BIM	Faculty Development Programme	04.07.2019	Cadd Centre, Tambaram, Chennai	Mr.K.S.Dinesh Manager- Business Support	20	-	-	-
2.	Guest Lecture on "White Rock Pier	Guest Lecture	05.08.2019		Mr.Vignesh Ramadhas, Practice	3	42	-	-

	Reconstruction”				Lead (Infrastructure), Westmar Advisors, Canada				
3.	Guest Lecture on “Litigation of Environment in Kuwait – UAE after the War”		20.08.201 9		Er. Sherif Azmath, Environmental Engineer, Alganim International General Trading and Contracting, Co.W.L.L. Kuwait	7	64	-	-
4.	Inauguration of activities of the Civil societies for the year 2019-20 and Guest Lecture on Nuclear power Reactor, IGCAR, Kalpakkam	Society Inauguration and Guest Lecture	04.09.201 9		Mr.H I Abdul Gani, Head,Civil Design Section, Indhira Gandhi Centre for Atomic Research,Kalpakkam	18	185	-	-
5.	Guest Lecture on “Estimation of	Guest Lecture (Jal	06.09.201 9		Dr.K.S.Kadiravan, Deputy Director,	6	47	-	-



	Groundwater Resources”	Sakthi Abhiyan)			Groundwater Circle – PWD, IWS, Taramani, Chennai				
6.	Guest Lecture on "Advanced Surveying"	Guest Lecture	17.09.2019		Mr.A.Selvam, General Manager, M/s. Land Coordinates Technology	3	51	-	-
7.	Guest Lecture on "Alternate Technologies in Construction" for our Young Engineers	Guest Lecture (Engineers Day)	21.10.2019		Er.Elias A. Latiff, Chief operating officer, East Coast Construction India Private Limited, Chennai	2	19	-	-
8.	Guest Lecture on "Corrosion of Reinforced Concrete Exposed in Natural Environment"	Guest Lecture	23.10.2019		Er.P.Venkatesan, Senior Principal Scientist & Associate Professor, CECRI - Karaikudi	2	18	-	-
9.	Guest lecture on	Guest	10.01.202		Dr. Pennan	3	38	-	-

	“GIS and Remote sensing for better natural resource management”	Lecture	0		Chinnasamy, CTAR, IIT Bombay.				
10.	Guest Lecture on “Opportunities in Civil Engineering Field”	Guest Lecture	27.01.2020		Er.S.Sudarsanan (2001-2005 batch), Project Manager, Sandvik Asia Private Limited, Hyderabad	5	91	-	-
11.	Guest Lecture on “Case studies on application of dynamic analysis techniques to Civil engineering problems”	Guest Lecture	06.02.2020		Dr. Derek V Morris, Senior Consulting Engineer, North America.	3	23	-	-
12.	Concrete Mix design	Workshop	13.02.2020	JK White Cement	Mr.Sivarama Krishnan, Technical Manager, J.K.Cements Limited,	22	103	-	-

					Chennai  Dr. Kandasamy, Associate professor, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.				
13.	Webinar on Lean Construction	Webinar	04.03.2020		Mr. S. Kavin Kumar (Alumni of 1998 batch) Director, Engineering Project Management Consultancy and Research Pvt. Ltd	29	12	02	12
14.	Environmental impact Assessment and its Legal Aspects	Webinar	06.05.2020		Dr. S. Ganapathy Venkatasubramanian Former Professor, Anna University, Chennai	10	-	180	20
15.	Webinar on	Webinar	08.05.2020		Mr. N. Maharajan	11	39	26	16

	Application of Remote Sensing and GIS		0		Director Hexamap Solutions Chennai.				
16.	Handling of Liquid waste (Sewage and Effluent)	Webinar	08.05.2020		Mr.Mahesh Kalyan, Regional Head (South India) M/S.Ion Exchange India Pvt Ltd. India	6	2	120	41
17.	Tertiary treatment of sewage using Disc filters.	Webinar	09.05.2020		Mr.P.Ganesh Kumar, Senior Engineering Manager, M/S.L&T Construction , Chennai	5	5	129	34
18.	Handling of solid organic waste (Waste to Energy-ANDICOS)”	Webinar	11.05.2020		Mr.Sharad Jha, General Manager M/S.Ion Exchange India Pvt Ltd. India	7	2	131	35
19.	Webinar series on Durability of Reinforced	Webinar	28.05.2020		Talk-1: Dr. M.S.Haji Sheik Mohammed ,	9	3	76	79

	Concrete Structures Talk-1 Corrosion Prevention in Reinforced Concrete Structures: An Overview Talk-2 Current Concrete NDT Practices in India Talk-3 Fundamentals of Concrete Technology				Professor, Dept of Civil Engineering, BSACIST Talk-2: Dr.V.Rajendran Director Hitech Concrete Solutions Pvt Ltd Chennai. Talk-3: Dr.K.Balasubramanian Managing Director Hitech Concrete Solutions Pvt Ltd Chennai				
20.	River Restoration and Modelling Techniques	Webinar	05.06.2020		Mr.Thinakaran Environmental Expert SGS (India) Pvt Ltd, Coimbatore	9	45	-	

21.	COVID -19 LOCK DOWN : “Challenges and solutions of Online Teaching –Learning Methods”	Webinar	06.06.202 0		Dr. Mangayarkarasi. J, Associate Professor & Head (PG& Research), Ethiraj College for Women	4	-	85	-
22.	Talk 1: Technical Significance of Civil Drafting  Talk 2: Role of Computers in Foundation & Shoring Structures	Alumni webinar Series	06.06.202 0		Talk 1: Er. Prasanna Chandrasekaran Batch (2001-2005), Sr.Engineering Manager, L & T Constructions Ltd., Chennai. Talk 2: Er. Sheik Mohamed Haja, Batch (2009- 2011) Structural Engineer, Ghantoot Energy &	8	8	-	70

					Water L.L.C, U.A.E				
23.	Webinar on "Project Management in Construction" Talk 1: Project Management Talk 2: Cost Estimation	Webinar	10.06.2020	Infinity PMC Solutions Pvt Ltd	Talk 1: Ms. Suganya S Project Management Professional, Infinity PMC Solutions Pvt Ltd, Chennai Talk 2: Ms. Janani B Manager Professional Services, Infinity PMC Solutions Pvt Ltd, Chennai	2	12	23	40
24.	Webinar on "Applications of BIM in Civil Engineering Industry"	Webinar	27.06.2020	Lupiter Technologies	Ms. Sandya Devarajan BIM Professional, Lupiter Technologies, Chennai	2	12	10	55



One day FDP in Recent Trends in BIM



Er. Sherif Azmath, Environmental Engineer – Worley Parsons, Kuwait and Alumni, “Land Remediation of Kuwait – Oil Spill after War”



Mr. Vignesh Ramadhas, Practise Lead (Infrastructure), West Mark – Advisors, Canada - “White Rock Pier Reconstruction”



Guest Lecture on “Estimation of Groundwater Resources”  
 Dr. K.S. Kadiravan, Deputy Director, Groundwater Circle – PWD, IWS, Taramani, Chennai





Society Inauguration for the year 2019-20  
 H I Abdul Gani, Head,Civil Design Section, Indira Gandhi Centre  
 for Atomic Research, Kalpakkam



Guest lecture – Advanced Surveying by Mr.Selvam, General  
 Manager M/S.Land Coordinate Technology



Guest lecture on “Alternate Technologies in Construction” for our young  
 Engineers - Er.Elias .A. Latiff, Chief Operating Officer, East Coast  
 Construction India Pvt.Ltd



Guest lecture on “Corrosion of Reinforced Concrete exposed in Natural  
 Environment” - Er.P.Venkatesan, Senior Principal Scientist & Associate  
 Professor, CECRI – Karaikudi



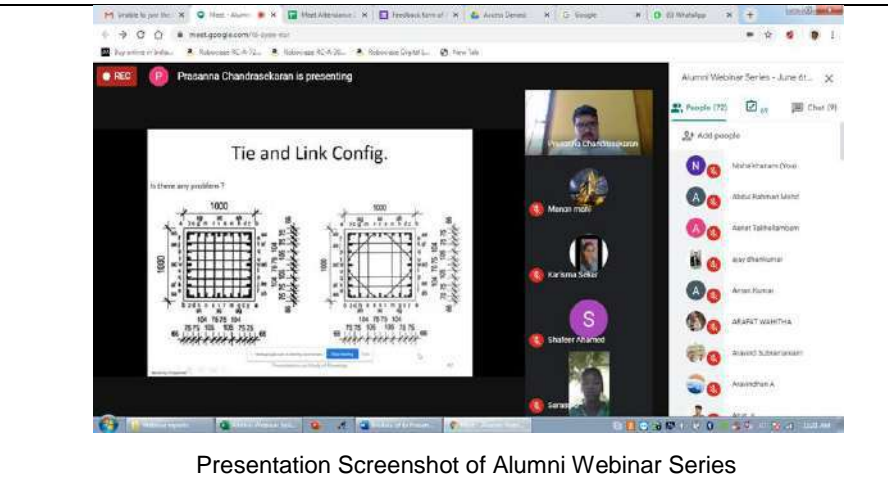
Guest Lecture titled “Opportunities in Civil Engineering Field” - Alumnus Er.S.Sudarsanan (2001-2005 batch), Project Manager, Sandvik Asia Private Limited, Hyderabad



Guest Lecture by Dr. DEREK V MORRIS, Senior Consulting Engineer, North America



One Day Workshop on “Concrete Mix design”



Presentation Screenshot of Alumni Webinar Series



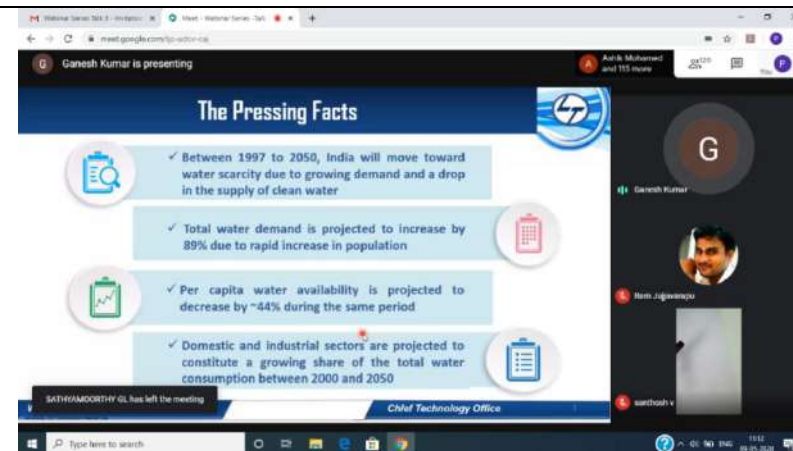
Snapshot of the Webinar on Lean Construction – Last Planner System



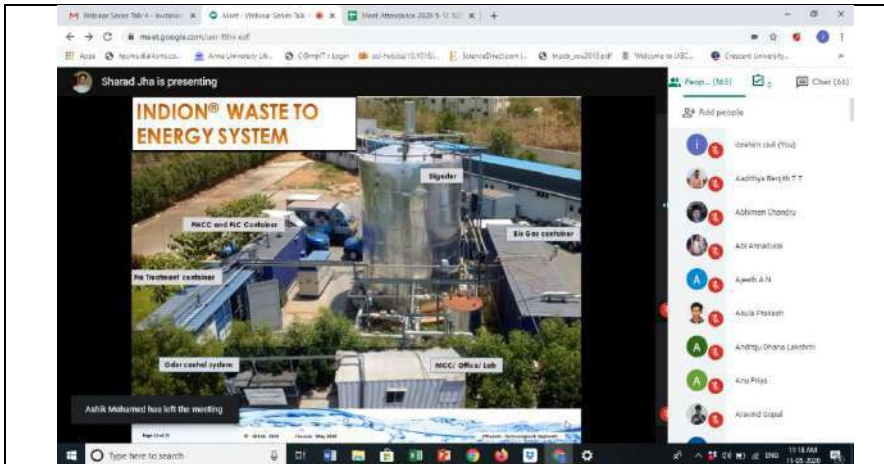
Screen Shot of lecture by Dr. S. Ganapathy Venkatasubramanian - Environmental impact Assessment and its Legal Aspects



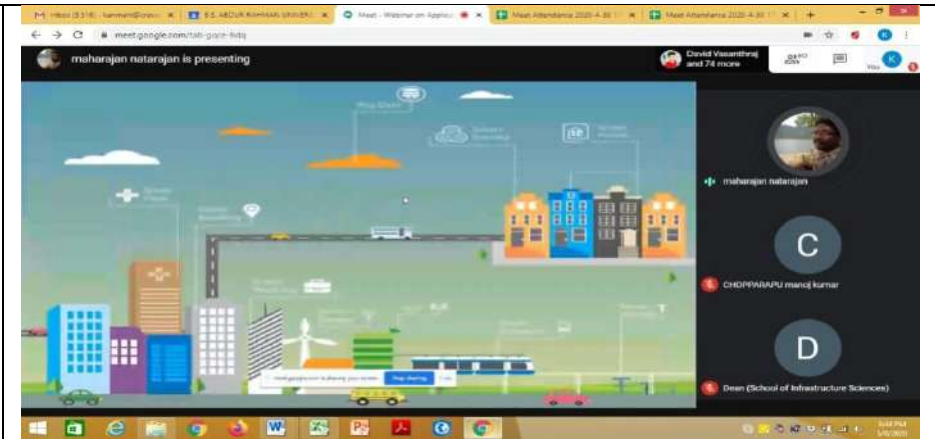
Screen shot of Mr. Mahesh Kalyan addressing the queries of participants - Handling of Liquid waste



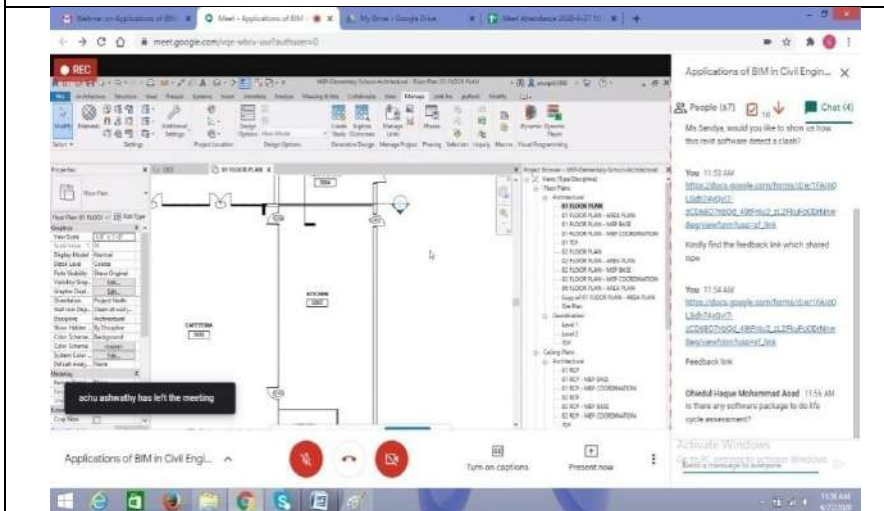
Screenshot of the presentation slide of Tertiary treatment of sewage using disc filters



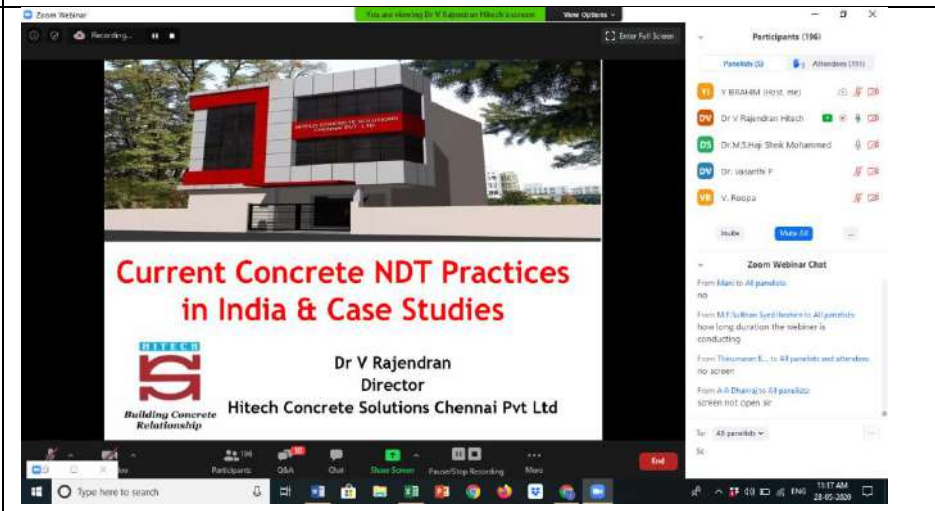
Screenshot of the presentation slide of Handling of solid organic waste



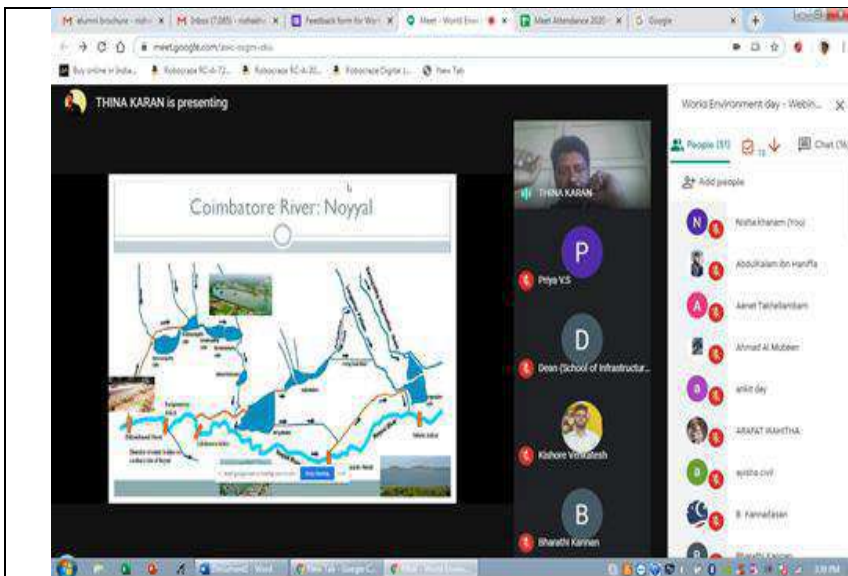
Screenshot of the presentation slide Smart city implementation - Application of Remote Sensing and GIS



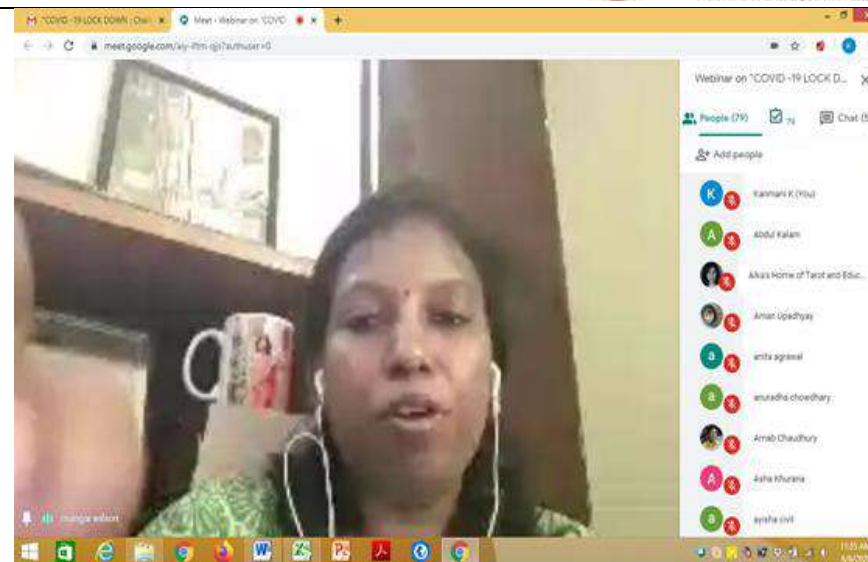
Screenshot of the presentation slide - Applications of BIM in Civil Engineering Industry



Snapshot of the Webinar Series on Durability of Reinforced Concrete Structures



Screenshot of the presentation slide - River Restoration and Modelling Techniques



Screenshot of the presentation - COVID -19 LOCK DOWN : Challenges and solutions of Online Teaching –Learning Methods”

25. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1.	Recent Trends in BIM	1 day	Rs. 3000	-

2.	Guest Lecture on “White Rock Pier Reconstruction”	1 day	Rs. 3000	-
3.	Guest Lecture on “Litigation of Environment in Kuwait – UAE after the War”	1 day	Rs. 3000	-
4.	Society Inauguration for the year 2019-20 and Guest Lecture on Nuclear power Reactor, IGCAR, Kalpakkam	1 day	Rs. 3000	-
5.	Guest Lecture on “Estimation of Groundwater Resources”	1 day	Rs. 3000	-
6.	Guest Lecture on "Advanced Surveying"	1 day	Rs. 3000	-
7.	Guest Lecture on "Alternate Technologies in Construction" for our Young Engineers “	1 day	Rs. 3000	-
8.	Guest lecture on “GIS and Remote sensing for better natural resource management”	1 day	Rs. 3000	-
9.	Guest Lecture on “Opportunities in Civil Engineering Field”	1 day	Rs. 3000	-

10.	Guest Lecture on “Case studies on application of dynamic analysis techniques to Civil engineering problems”	1 day	Rs. 3000	-
11.	Survey and Soil Investigation camp –(Field Visit)	5 days	Rs. 1,50,000	-
12.	Workshop on Concrete Mix design	1 day	Rs. 6000/- for Remuneration	--
13.	Civil Alumni meet 2020	1 day	Rs. 10,000/-	-
14.	Indo Australian Workshop on Integrated Urban Water Management Systems at IIT-Kharagpur	3 days	Rs. 5,400 (TA and DA)	-
15.	Approaches in travel behavior research for Transportation Planning and Policy Decision support	5 days	Rs. 15,580 (Registration fees, TA and DA)	-
16.	TECHWIZARD 2K20 – National Level Online Civil Quiz Competition	1 day	Rs. 3250 (Prize amount)	-

17.	Digital Battle – Fight against COVID (Exclusive for +1 and +2 students)	1 day	Rs. 6500 (Prize amount)	-
18.	Three days Training Programme for school teachers on “Smart and Innovative Pedagogy”	3 days	Rs.1,30,000	Not conducted due to lockdown
19.	“Disaster mitigation: A shift from disaster management towards preparedness”	-	-	Received Rs.3,00,000 from AICTE under STTP scheme



Civil Alumni Meet – February 22<sup>nd</sup>, 2020





Survey Camp 2020 – Yelagiri



Geotechnical Investigation Camp 2020 – Porur, Chennai

20. Conferences / FDP / Seminars / Workshops Attended

S.No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs)
1.	Dr. P. Vasanthi	Leadership Talk MHRD-AICTE Innovation Cell: Leadership Talk Series	Webinar	13.04.2020	AICTE	
		Leadership Talk MHRD-AICTE Innovation Cell: Leadership Talk Series	Webinar	14.04.2020	AICTE	
		Case Studies on Ground Improvement and Instrumentation	Webinar	02.05.2020	Kerala Highway Research Institute	
		Health Monitoring of Structures through Instrumentation – Part	Webinar	01.05.2020	Kerala Highway Research Institute	
		Fundamentals of Soil	Webinar	01.05.2020	Kerala Highway	

		Stabilisation			Research Institute	
		Online Workshop on Recent Advances in Science and Technology of Concrete	Webinar	02.05.2020	RILEM Workshop	
		“Piles in Soft Clay-Field Experience”	Webinar	03.05.2020	IGS Guntur Chapter	
		Cracking Studies of High-Performance Concrete Designed for Bridge Decks	Webinar	14.05.2020	-	
		Concrete Serving Mankind Series	Webinar	15.05.2020	-	
2.	Dr. J. Revathy	One-day FDP on "Effective Teaching Practices”	FDP	03.07.2019	BSACIST	
		MHRD-AICTE Innovation Cell: Leadership Talk Series	Webinar	13.04.2020	AICTE	
		MHRD-AICTE Innovation Cell: Leadership Talk Series	Webinar	14.04.2020	AICTE	
		Innovation & Impact Virtual Mini Summit and Live Rankings Launch	Webinar	22.04.2020	Times Higher Education Rankings	

		OBE Implementation & Academic Automation to achieve Excellence leading to Accreditation Readiness	Webinar	07.04.2020	Ionidea, Bangalore	
		All about Patents & Intellectual Property	Webinar	26.04.2020	Anand & Anand	
		Research Planning & Writing Skills jointly with Elsevier	Webinar	28.04.2020	Elsevier	
		Introduction to Seismic Design	Webinar	29.04.2020	Skyfi Labs	
		FDP on Moodle Learning Management System (LMS)	FDP	29.04.2020 - 01.05.2020	IIT Bombay	
		Special Interest Groups (SIG) Workshop: Special Considerations of Seismic Analysis-Torsional Irregularity Checks	Workshop	30.04.2020	Bentley Systems, Inc	
		Online Demo on INSPEC, Engineering Village	Webinar	01.05.2020	Engineering Village	
		Introduction to Leadership from the Emerging Future	Webinar	02.05.2020	BSACIST	

		Leadership Mastery	Webinar	06.05.2020	Annamalai University & Only success Leadership Academy	
		Communication Mastery	Webinar	08.05.2020	Annamalai University & Only success Leadership Academy	
		India First Leadership Talk Series on “Examination and Academics in current Covid-19 Crisis”	Webinar	09.05.2020	MHRD – Institution Innovation Cell	
		Special Interest Groups (SIG) Workshop: Special Considerations of Seismic Analysis- Unreinforced Masonry Wall Modelling	Workshop	14.05.2020	Bentley Systems, Inc	
		Artificial Neural Network	Webinar	18.05.2020	Statcraft	
		Virtual Seminar on "Quality Assurance in Online Teaching - Learning & Evaluation”	Webinar	19.05.2020	Vellore Institute of Technology	

		Springer Nature Webinar on Scientific Writing for Journals	Webinar	20.05.2020	Springer Nature	
		Bentley Webinar – STAAD - STAAD Pro Connection and RCDC	Webinar	20.05.2020	Bentley software	
3.	Dr.P.Gajalakshmi	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		Stress Management	Webinar	12.04.2020	BSACIST	
		Stress Management	Webinar	23.04.2020	BSACIST	
		Design and Performance of Industrial Concrete Floors	Webinar	01.05.2020	Bekaert Middle East & South Asia	
		A Systematic Software Based Approach to Implement Outcome Based	Webinar	30.04.2020	IonCUDOS	

		Education to achieve Excellence leading to Accreditation readiness through IonCUDOS				
		E-Expert Talk on "Forensic Structural Engineering"	Webinar	03.05.2020	Applied Mechanics Department	
		How to Use Turnitin Software for your Research in Lockdown Period	Webinar	04.05.2020	Guru Nanak Institute of Management Studies, Affiliated to University of Mumbai	
		FDP on Moodle Learning Management System (LMS)	FDP	29.04.2020 - 01.05.2020	IIT Bombay	
		Recent advances in Repair and Rehabilitation of Civil Infrastructure	Webinar	02.05.2020	Kerala Highway Research Institute	
		India First Leadership Talk Series on "Examination and Academics in current Covid-19 Crisis"	Webinar	09.05.2020	MHRD – Institution Innovation Cell	
		Pre Engineered Building and its Connection details	Webinar	06.05.2020	Tekla	

		Bentley Webinar: Bridge Engineering – Comprehensive Bridge Design – Part 4	Webinar	07.05.2020	Bentley Systems Inc.	
		Webinar on " 10 steps to became an Entrepreneur"	Webinar	13.5.2020	Crescent Innovation and Incubation Council, BSACIST	
		SIG Workshop: Special Considerations of Seismic Analysis- Unreinforced Masonry Wall Modelling	Workshop	14.05.2020	Bentley Systems Inc	
		Webinar on “Various Project Opportunities for DST Funding – Strategies on International Cooperation”	Webinar	23.05.2020	BSACIST	
		National Webinar on Application Fiber reinforced polymer composites in Civil Engineering	Webinar	26.05.2020	International Institute for FRP in Construction (IIFC)	
		Five Days Hands on Workshop on	Workshop	29.05.2020 – 02.06.2020	Turnip Innovations	



		“Patent Searching, Drafting and Filing” (Online Mode)			and Exilyze Intellectual Services	
		SIG Workshop: Special Considerations of Seismic Analysis- Advantages of Using Signed Response Quantities in Response Spectrum Analysis	Workshop	11.06.2020	Bentley Systems Inc	
		FDP on E-learning	FDP	01.06.2020 - 04.06.2020	Prathyusha Engineering College,Poonamallee	
		FDP in Application of Moodle LMS" and learning competency of Gnomio Moodle creation for OBE	FDP	11.06.2020 - 25.06.2020	BSACIST	
4.	Dr. K. Yogeswari	One-day FDP on "Effective Teaching Practices”	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and	

					Civil Department, BSACIST	
		Two-day programme at Courtyard	Value Added Course	12.11.2019- 13.11.2019	Marriott, Madurai	
		AICTE sponsored at IIT on Modeling and Control of Traffic Under Mixed Conditions	Short Term Course	02.12.2019 - 07.12.2019	IIT Madras	
		National workshop on Socially relevant technical education: Exploring Cooperation oriented action.	Workshop	06.12.2019 - 07.12.2019	NITTTR	
		Webinar on Lean Construction - An Introduction to Last Planner System	Webinar	04.05.2020	BSACIST	
		Recent advances in Repair and Rehabilitation of Civil Infrastructure	Webinar	02.05.2020	BSACIST	
		Managing Liquid waste	Webinar	07.05.2020	BSACIST	

		Research Ethics	Webinar	07.05.2020	BSACIST	
		Deep Listening	Webinar	09.05.2020	BSACIST	
5.	Dr.Priya VS	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		Integrated Waste Management for a Smart City	FDP and NPTEL course	July to October 2019	NPTEL AICTE Online	
		Intellectual property rights an overview	Webinar	01.05.2020	BSACIST	
		Recent advances in Repair and Rehabilitation of Civil Infrastructure	Webinar	02.05.2020	IIT Hyderabad	
		Lean Construction - An Introduction to Last Planner System	Webinar	04.05.2020	BSACIST	

	How to use turnitin software for your research	Webinar	04.05.2020	Turnitin	
	Environmental Impact Assessment and its Legal Aspects	Webinar	06.05.2020	BSACIST	
	Handling of Liquid Waste (Sewage & Effluent)	Webinar	08.05.2020	BSACIST	
	Tertiary Treatment of Sewage using Disc Filters	Webinar	09.05.2020,	BSACIST	
	Handling of Solid Organic waste (Waste to Energy - ANDICOS)	Webinar	11.05.2020	BSACIST	
	FARO As-Built for AutoCAD Software (UK & Ireland)	Webinar	13.05.2020	FARO- AutoCAD	
	Emerging opportunities in civil Engineering	Webinar	20.05.2020	SVCE, Chennai	
	Basics of 3D printing Technology and its industrial applications	Webinar	21.05.2020	M/s. Industrail Metal Powders Pune	
	Webinar on Durability of Reinforced Concrete	Webinar	28.05.2020	BSACIST	

		Structures				
		Research, Innovation, Colloboration and partnering opportunities	Webinar	03.06.2020	M/s. Innovation Saskatchewan, Canada	
		Environmental Series -2 Sustainable waste management	Webinar	10.06.2020 & 11.02.2020	PSG tech Coimbatore	
		Ethics and Values of Alhaj Dr. BS Abdur Rahman	Webinar	09.06.2020	BSACIST	
		Pedagogical Excellence in e-Education	Webinar	13.06.2020	CADRE	
		FGI Webinar: Testing & Design of Drainage Geocomposites”	Webinar	16.06.2020	FGI, Europe	
6.	Dr. A.K.Kaliluthin	One-day FDP on "Effective Teaching Practices	FDP	03.07.2019	BSACIST	
		Concrete Technology	FDP and NPTEL course	July to August 2019	NPTEL AICTE Online	
		“Recent Advances in Science and Technology of	Online Workshop	2 <sup>nd</sup> May 2020.	Indian Institute of Technology Madras,	

		Concrete”.			Chennai, India	
		“Lean Construction – Last Planner System”	Webinar	4 <sup>th</sup> May, 2020	Department of Civil Engineering BSACIST	
		“Environmental Impact Assessment & its Legal Aspects”	Webinar	6 <sup>th</sup> May 2020.	Department of Civil Engineering, BSACIST	
		“Tertiary Treatment of Sewage using Disc Filters”	Webinar	9 <sup>th</sup> May 2020.	Department of Civil Engineering, BSACIST	
		Webinar on “Handling of Solid Organic Waste (Waste to Energy – ANDICOS)”	Webinar	11 <sup>th</sup> May 2020.	Department of Civil Engineering, School of Infrastructure, BSACIST	
		“Various Project Opportunities for DST Funding - Strategies on International Cooperation”	Webinar	23 <sup>rd</sup> May 2020.	Office of Research, ESPAC and HR & FTABSACIST	
		“Water Proofing and Building Repairs”,	Webinar	27 <sup>th</sup> May 2020.	Department of Civil Engineering in association with ICI	

					Student Chapter, Institute Industry Interaction Cell & Career Guidance Cell of Ramco Institute of Technology, Rajapalayam	
		“Relevance of Blended Cement”	Webinar	28 <sup>th</sup> May 2020	Department of Civil Engineering in association with ICI Student Chapter, Institute Industry Interaction Cell & Career Guidance Cell of Ramco Institute of Technology, Rajapalayam	
		“Future of Water Resource Management in India and opportunity Post Covid 19 Scenario”	Webinar	29 <sup>th</sup> May 2020	Department of Civil Engineering in association with ICI Student Chapter,	

					Institute Industry Interaction Cell & Career Guidance Cell of Ramco Institute of Technology, Rajapalayam	
		Conflict Minerals – An E-waste Perspective”	Webinar	30 <sup>th</sup> May 2020	Department of Civil Engineering in association with ICI Student Chapter, Institute Industry Interaction Cell & Career Guidance Cell of Ramco Institute of Technology, Rajapalayam	
		“Corrosion and its Control”	Online Workshop	2 <sup>nd</sup> to 4 <sup>th</sup> June 2020.	Mechanical Engineering Department, DYPIEMR, Akurdi, Pune–44 in	



					Association with Department of Chemistry, BSACIST	
		“World Environment Day - 2020”	Webinar	5 <sup>th</sup> & 6 <sup>th</sup> June 2020	Department of Civil Engineering, Sethu Institute of Technology, Virudhunagar	
7.	Dr. Nisha Khanam	One-day FDP on "Effective Teaching Practices	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		Indo Australian Workshop on Integrated Urban Water Management Systems at IIT- Kharagpur	Workshop	04.11.2019 - 06.11.2019	School of Water Resources, IIT- Kharagpur and Melbourne School of Engineering, University of	Rs. 5400

					Melbourne, Australia	
		Recent advances in Repair and Rehabilitation of Civil Infrastructure	Webinar	02.05.2020	Kerala Highway Research Institute	
		Rehabilitation of highway bridges case studies	Webinar	08.05.2020	Kerala Highway Research Institute	
		Tertiary Treatment of Sewage using Disc Filters	Webinar	09.05.2020	BSACIST	
		Water Resources Management	Webinar	11.05.2020	Dept of Civil Engineering, MAM College of Engineering, Trichy	
		Mangrove Wetland Changes using Remote Sensing and GIS applications	Webinar	12.05.2020	Sathyabama Institute of Science & Tech & Indian Society of Remote Sensing	
		Water Quality and Environmental Challenges	Webinar	12.05.2020	Sathyabama Institute of Science & Technology & Indian Society of	

				Remote Sensing	
	E-Waste Management	Webinar	16.05.2020	Kumaraguru College of Engineering and Technology	
	Artificial Intelligence and 3D Printing	Webinar	19.05.2020	Kumaraguru College of Engineering and Technology	
	Modern Practices in Construction	Webinar	19.05.2020	Kumaraguru College of Engineering and Technology	
	Leadershiip in Construction	Webinar	22.05.2020	Kumaraguru College of Engineering and Technology	
	FDP on Advances in Civil Engineering,	FDP	26.05.2020-30.5.2020	NIT, Nagpur	
	Coimbatore river restoration	Webinar	05.06.2020	BSACIST	
	Value added course 'Essentials of Professional Writing'	Value added course	20.05.2020 - 30.05.2020	Karunya Institute of Technology and Sciences	
	Two-week Live Faculty Development Programme on	FDP	11.06.2020-25.06.2020	BSACIST	

		“Application of Moodle LMS”				
8.	Mr. S. Shafeer Ahamed	One-day FDP on "Effective Teaching Practices”	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		One Day ICT enabled FDP on "Engineering Graphics"	FDP	09.07.2019	BSACIST	
		One day workshop on “How to Write and Publish in International Scientific Journals”	Workshop	30.07.2019	BSACIST	
		AICTE sponsored on Advanced Concrete Technology	Short Term Training Programme	18.11.2019- 23.11.2019	IIT, Madras	
		Corrosion Inhibitors to Enhance Service Life	Webinar	27.04.2020	SRM Easwari Engineering College	
		Online Workshop on Recent Advances in Science and	Workshop	02.05.2020	RILEM Workshop	

		Technology of Concrete				
9.	Ms. V. Roopa	One day workshop on “How to Write and Publish in International Scientific Journals”	Workshop	30.07.2019	BSACIST	
		AICTE sponsored on Advanced Concrete Technology	Short Term Training Programme	18.11.2019-23.11.2019	IIT, Madras	
		Scheduling of techniques in projects	NPTTEL course	July to October 2019	NPTTEL AICTE Online	
		Advanced Concrete Technology	NPTTEL Course	July to October 2019	NPTTEL AICTE Online	
		Corrosion Inhibitors to Enhance Service Life	Webinar	27.04.2020	Kerala Highway Research Institute and IIT Madras	
		Corrosion in Concrete Structures and Extending Service Life by Cathodic Protection	Webinar	28.04.2020	Kerala Highway Research Institute and IIT Madras	
		International corrosion awareness day celebration	Webinar	01.05.2020	NACE	

		Online Workshop on Recent Advances in Science and Technology of Concrete	Workshop	02.05.2020	IIT Madras	
		Recent advances in Repair and Rehabilitation of Civil Infrastructure	Webinar	02.05.2020	Kerala Highway Research Institute and IIT Madras	
		Project Management Mindset for Startups	Webinar	02.05.2020	CIIC	
10.	Ms. K. Kanmani	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		One day workshop on "How to Write and Publish in International Scientific Journals"	Workshop	30.07.2019	BSACIST	
		Global Navigation Satellite Systems and	FDP & NPTEL	July to August 2019	NPTEL AICTE Online	

		Applications	course			
		Remote Sensing and Digital Image Processing of Satellite Data	NPTEL course	July to October 2019	NPTEL AICTE Online	
		Advancing through Adversities	Webinar	14.04.2020	BSACIST	
		Stress Management	Webinar	23.04.2020	BSACIST	
		Maximize Formative Learning Opportunities with Turnitin Feedback Studio	Webinar	23.04.2020	Turnitin	
		Online Teaching & Branding	Webinar	25.04.2020	BSACIST	
		Online training on Knimbus Remote Access & Mobile App	Webinar	27.04.2020	BSACIST	
		Author Workshop on Improving Research Planning Skills at Technical Institute	Webinar	28.04.2020	BSACIST	
		Bentley Institute: SIG Workshop: Special Considerations of Seismic	Webinar	30.04.2020	Bentley Systems Inc.	

		Analysis- Torsional Irregularity Checks				
		Webinar on Lean Construction - An Introduction to Last Planner System	Webinar	04.05.2020	BSACIST	
		How to Use Turnitin Software for your Research "Turnitin Online on campus"	Webinar	04.5.2020	BSACIST	
		Environmental Impact Assessment and its Legal Aspects	Webinar	06.05.2020	BSACIST	
		Handling of Liquid Waste (Sewage & Effluent)	Webinar	08.05.2020	BSACIST	
		Webinar on the occasion of National Technology Day "Adopting Technology to Solve Covid-19 Pandemic"	Webinar	11.05.2020	Visvesvaraya Industrial and Technological museum	
		Handling of Solid Organic Waste (Waste to Energy - ANDICOS)	Webinar	11.05.2020	BSACIST	



	Emergency Management Webinar Series Emergency Management: Prepare, Respond, Recover using GIS	Webinar	12.05.2020 19.05.2020 26.05.2020	ESRI, Redlands, USA	
	Bentley Webinar: Realistic 3D City Models for Use in ArcGIS Pro	Webinar	19.05.2020	Bentley systems Inc.	
	Hands-on training on “Online Teaching Tools for Teaching Professionals”	Webinar	19.05.2020	BSACIST	
	6 weeks Online MOOC Course entitled "Cartography"	MOOC course	Completed on 21.05.2020	ESRI, Redlands, USA	
	Webinar on “Introduction to Remote Sensing”	Webinar	27.05.2020	SRM Easwari Engineering College, Chennai	
	Webinar on Durability of Reinforced Concrete Structures	Webinar	28.05.2020	BSACIST	
	Coimbatore river restoration	Webinar	26.05.2020	BSACIST	

		Ethics and Values of Alhaj Dr. BS Abdur Rahman	Webinar	09.06.2020	BSACIST	
		International webinar on “Spatially Enabled United Nations Sustainable Development Goals”	Webinar	15.06.2020	Institute of Remote Sensing (IRS), Anna University, Chennai	
		Online FDP on Remote Sensing applications and current trends in machine learning	FDP	22.06.2020 - 29.06.2020	Dr.MGR Educational and Research Institute in collaboration with ISRO, Hyderabad.	
11.	Ms. Ayisha Sidiqia	One-day FDP on "Effective Teaching Practices”	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		One Day ICT enabled FDP on "Engineering Graphics"	FDP	09.07.2019	BSACIST	
		One day workshop on “How	Workshop	30.07.2019	BSACIST	

		to Write and Publish in International Scientific Journals”				
		Introduction to environmental engineering and science- Fundamental and sustainability concepts	NPTEL course	July to October 2019	NPTEL AICTE Online	
		Water, Society and sustainability	NPTEL course	July to October 2019	NPTEL AICTE Online	
		Webinar on Lean Construction - An Introduction to Last Planner System	Webinar	04.05.2020	BSACIST	
12.	Mr. Y. Ibrahim	One-day FDP on "Effective Teaching Practices	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		One day workshop on “How	Workshop	30.07.2019	BSACIST	

		to Write and Publish in International Scientific Journals”				
		Integrated Waste Management for a Smart City	NPTEL course	July to October 2019	NPTEL AICTE Online	
		NEN open hours	Webinar	Apr 29 <sup>th</sup> , 2020	Wadhvani Foundations	
		NEN open series	Webinar	Apr 29 <sup>th</sup> , 2020	Wadhvani Foundations	
		How to startup during recession	Webinar	30 <sup>th</sup> , Apr 2020	Wadhvani Foundations	
		Webinar on Lean Construction - An Introduction to Last Planner System	Webinar	04.05.2020	BSACIST	
		Environmental Impact Assessment and its Legal Aspects	Webinar	06.05.2020	BSACIST	
		Handling of Liquid Waste (Sewage & Effluent)	Webinar	08.05.2020	BSACIST	

		Tertiary Treatment of Sewage using Disc Filters	Webinar	09.05.2020	BSACIST	
		Applications of Remote Sensing and GIS	Webinar	May 8, 2020	BSACIST	
		Handling of Solid Organic waste (Waste to Energy - ANDICOS)	Webinar	May 11 2020	BSACIST	
		An Introduction to Chemical Oxygen Demand	Webinar	May 13 <sup>th</sup> , 2020	Hanna Instruments Pvt. Limited	
		Bridge Structures - Approach to Loading and Analysis	Webinar	19.05.2020	Saveetha College of Engineering	
		Environmental Safe Guard Challenges in Industries and its Regulations	Webinar	20.05.2020	Saveetha College of Engineering	
		Piles-Raft Foundations for High Rise Buildings: Sustainability and Future Directions	Webinar	21.05.2020	Saveetha College of Engineering	
		Webinar on Library Resources and Research	Webinar	21.05.2020	CIIC, BSACIST	

		Strategies for Low Budget Research	Webinar	20.05.2020	Kongu Engineering College	
		Bentley Webinar on STAAD.Pro Connection and RCDC	Webinar	20.05.2020	Bentley Software	
		Webinar on Basics Of 3D Printing Technologies & Its Industrial Applications	Webinar	21.05.2020	Mechanical department, BSACIST	
		Webinar on Durability of Reinforced Concrete Structures	Webinar	28.05.2020	BSACIST	
		Webinar on Disinfection technology of hospital wastes and wastewater- Suggestions for disinfection strategy during COVID-19 pandemic	Webinar	03.06.2020	Hanna Instruments Pvt. Limited	
13.	Mr. G.Priyanth	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service	

					Private Limited and Civil Department, BSACIST	
		One day workshop on “How to Write and Publish in International Scientific Journals”	Workshop	30.07.2019	BSACIST	
		"Scheduling Techniques in Projects"	FDP and NPTEL course	August - September 2019	NPTEL AICTE Online	
		Advanced Concepts in Construction Management	FDP	28.11.2019- 30.11.2019	SRM, Katangalathur	
14.	Mr. A. Manivannan	One-day FDP on "Effective Teaching Practices”	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
15.	Mr. B. Kannadasan	One-day FDP on "Effective Teaching Practices”	FDP	03.07.2019	BSACIST	

	FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
	One Day ICT enabled FDP on "Engineering Graphics"	FDP	09.07.2019	BSACIST	
	One day workshop on "How to Write and Publish in International Scientific Journals"	Workshop	30.07.2019	BSACIST	
	Approaches in travel behavior research for Transportation Planning and Policy Decision support	GIAN Short Term course	09.08.2019 to 13.08.2019	IISc Bangalore	Rs. 15,580
	Geotechnical Engineering Laboratory	NPTEL course	July to August 2019	NPTEL AICTE Online	
	Global Navigation Satellite Systems and Applications	NPTEL course	July to October 2019	NPTEL AICTE Online	
	Geospatial Application in Urban Planning	NPTEL course	January to April 2020	NPTEL AICTE Online	



		FDP on "Structural Dynamics and Earthquake Engineering"	FDP	16.12.2019 - 18.12.2019	Dept. of Civil Engineering, BIHER	
		Research Outcomes: Technical Paper writing, Research Proposal, Patent Filing	Webinar	22 <sup>nd</sup> April 2020	Sairam Institute of Technology	
		Bentley Webinar: Improving efficiency of Highway Projects with BIM – Part 1	Webinar	4/28/2020	Bentley systems Inc.	
		SIG Workshop: OpenFlows - Maximize Payback From Bentley Water Distribution System Model.	Workshop	4/28/2020	Bentley systems Inc.	
		NEN open hours	Webinar	Apr 29 <sup>th</sup> 2020	Wadhvani Foundations	
		NEN open series	Webinar	Apr 29 <sup>th</sup> 2020	Wadhvani Foundations	
		How to startup during recession	Webinar	30 <sup>th</sup> Apr 2020	Wadhvani Foundations	
		Bentley Webinar: Highway	Webinar	05.05.2020	Bentley systems Inc.	

		Engineering – Design to Deliver! – Part 3				
		Online National Workshop on Basics of Documentation using Latex	Workshop	24, 25, 29, 30 April 2020	Stella Mary's college	
		How to Get Published in a Scientific Journal: From Research to Publication	Webinar	Apr 27 <sup>th</sup> , 2020	Sairam Institute of Technology	
16.	Ms. R. Elakya	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		Geotechnical Engineering Laboratory	NPTEL course	July to August 2019	NPTEL AICTE Online	
		Recent advances in Repair and Rehabilitation of Civil Infrastructure	Webinar	02.05.2020	Kerala Highway Research Institute	
		Webinar on Lean	Webinar	04.05.2020	BSACIST	

		Construction - An Introduction to Last Planner System				
		"Challenges in Design & Construction of World's Tallest Rail Bridge"	Webinar	05.05.2020	Kerala Highway Research Institute	
		Slipform Paving	Webinar	07.05.2020	Kerala Highway Research Institute	
		Rehabilitation of Highway Bridges: Case Studies	Webinar	May 08, 2020	Kerala Highway Research Institute	
		FEA with ANSYS: Civil Engineering Case Studies	Webinar	May 20,2020	Sri Ramadeobaba College of Engineering and Management, Nagpur	
		Recent Developments in Remedial Engineering for Concrete Structures	Webinar	May 14 <sup>th</sup> 2020,	Indian Concrete Institute, Bangalore	
		Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop	Workshop	17.05.2020	IIT, Bombay	

		One-Week Workshop on Moodle LMS	Workshop	25.05.2020-30.05.2020	IIT, Bombay	
		Value added course 'Essentials of Professional Writing'	Value added course	20 <sup>th</sup> to 30 <sup>th</sup> May, 2020	Karunya Institute of Technology and Sciences	
		Two-week Live Faculty Development Programme on "Application of Moodle LMS"	FDP	11 <sup>th</sup> to 25 <sup>th</sup> June, 2020	BSACIST	
		The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop	Workshop	21 <sup>st</sup> June, 2020	IIT, Bombay	
17.	Mr. A. Sheik Farid	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		One Day ICT enabled FDP on "Engineering Graphics"	FDP	09.07.2019	BSACIST	

	One day workshop on “How to Write and Publish in International Scientific Journals”	Workshop	30.07.2019	BSACIST	
	Stress Management	Webinar	12.04.2020	BSACIST	
	Entrepreneurship & Government grant schemes for startups for faculty	Webinar	19.04.2020	CIIC, BSACIST	
	Research Outcomes: Technical Paper writing, Research Proposal, Patent Filing	Webinar	22 <sup>nd</sup> April 2020	Datateach. AI	
	Art of Fundraising for Entrepreneurs & Wanna be Entrepreneurs	Webinar	29 <sup>th</sup> April 2020	CIIC, BSACIST	
	FDP on Moodle learning management system (LMS)	FDP	29.04.2020-01.05.2020	IIT Bombay	
	Webinar on "Green Synthesis of Artificial Aggregates and Structural Application”	Webinar	02.05.2020	NIT, Shuratkal	

		Webinar on "Piles in Soft Clay - Field Experience"	Webinar	03.05.2020	IGS, Guntur	
		Webinar on Lean Construction - An Introduction to Last Planner System	Webinar	4 May, 2020	BSACIST	
18.	Ms. N. Manickapriya	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
		Webinar on Lean Construction - An Introduction to Last Planner System	Webinar	04.05.2020	BSACIST	
		Webinar on Scientific Writing for Journals	Webinar	15 <sup>th</sup> May'2020	Springer Nature.	
		"Access up to Rs.8 Crores Govt Grant in collaboration	Webinar	14 <sup>th</sup> May 2020	Global Innovation & Technology Alliance	

		with Global Partners"			(GITA)	
		Various reinforced soil walls and slope systems"	Webinar	15 <sup>th</sup> May'2020	Indian Geotechnical Society, Guntur	
		ACCELERATE PLAXIS: Introduction to PLAXIS 2D — Concepts and Structural Elements	Webinar	18 <sup>th</sup> May , 2020	Bentley Software Limited	
		Various project opportunities for DST funding - Strategies on International cooperation	Webinar	18 <sup>th</sup> May , 2020	CIIC, BSACIST	
		Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop	Workshop	17th May, 2020	IIT Bombay	
19.	Mr.S. Dhamodharan	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	

		Recent advances in Repair and Rehabilitation of Civil Infrastructure	Webinar	02.05.2020	Kerala Highway Research Institute	
		Webinar on Lean Construction - An Introduction to Last Planner System	Webinar	04.05.2020	BSACIST	
		"Challenges in Design & Construction of World's Tallest Rail Bridge"	Webinar	5 May, 2020	Kerala Highway Research Institute	
		Cathodic Protection of Concrete Structures	Webinar	6 May, 2020	Kerala Highway Research Institute	
		Slipform Paving	Webinar	7 May , 2020	Kerala Highway Research Institute	
		Rehabilitation of Highway Bridges: Case Studies	Webinar	08 May, 2020	Kerala Highway Research Institute	
		Applications of Remote Sensing and GIS	Webinar	08 May, 2020	BSACISTTechnology	
		e- Learning on " Water Resources Management"	Webinar	11 May, 2020	Dept of Civil Engineering, MAM College of	



					Engineering, Trichy	
		Strengthening of concrete structures using external post-tensioning	Webinar	12.05.2020	Kerala Highway Research Institute	
		Best Scheduling & Practices Using Primavera Project Portfolio Management Software	Webinar	12 May, 2020	Jerusalem College of Engineering and Infinity PMC Solutions	
		Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop	Workshop	17 <sup>th</sup> May, 2020	IIT Bombay	
		“Recent Developments in Remedial Engineering for Concrete Structures”	Webinar	13 May, 2020	Indian Concrete Institute, Bangalore	
		Controlled Demolition of Structures and Recycling of Debris	Webinar	14 May, 2020	Kerala Highway Research Institute	
		Bridge Structures - Approaches to Loading and Analysis	Webinar	19 May, 2020	Saveetha Engineering College	

		Environmental Safeguard Challenges in Industries and its Regulations	Webinar	20 May, 2020	Saveetha Engineering College	
		Piles-Raft Foundations for High-Rise Buildings: Sustainability and Future Directions	Webinar	21May, 2020	Saveetha Engineering College	
		The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop	Workshop	June 21 <sup>st</sup> , 2020	IIT, Bombay	
20.	Ms. J. Shri Indhu	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in BIM	FDP	05.07.2019	CADD Centre Training Service Private Limited and Civil Department, BSACIST	
21.	Dr. G. Madumathi	One-day FDP on "Effective Teaching Practices"	FDP	03.07.2019	BSACIST	
		FDP on Recent Trends in	FDP	05.07.2019	CADD Centre	

		BIM			Training Service Private Limited and Civil Department, BSACIST	
		One Day ICT enabled FDP on "Engineering Graphics"	FDP	09.07.2019	BSACIST	

21. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	4	-	1	-	24	2	31

22. Details of Publication In National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

e) SCI/Scopus Indexed Journal

1. J. Revathy, P. Gajalakshmi, Ashwini G, "Neural networks for the prediction of fresh properties and compressive strength of flowable concrete", *Journal of Urban and Environmental Engineering*, Vol :13, Issue :1, pp.187 – 197, 2019

2. J. Revathy, P. Gajalakshmi , N. Niraimathi, “Potential Application of Nano Particles in Green Concrete for Sustainable Built Environment”, *Pollution Research*, Vol :38,Issue :3,PP.326 – 332, 2019
3. K.Yogeswari and H.Gopala Krishnan, “Experimental Study on Pervious Concrete as a Drain Cover Slab”, *International Journal of Recent Technology and Engineering*, Vol : 8,Issue :1,pp.1106 - 1111, 2019
4. R.Balakeerthana and K.Yogeswari, “Choosing an Best Economic corridor level between Chennai to Salem using analytical hierarchical Process (AHP) and Technique for Order Preference by similarity to ideal solution (TOPSIS)”, *International Journal of Scientific & Technology Research*, Vol : 8,Issue :8, pp.489 - 501, 2019
5. K.Yogeswari D.Dhivya and B.Indhu, “Ranking of Delay factors in Road Construction Project due to Improper Construction Equipment Management”, *International Journal of Recent Technology and Engineering*, Vol :8,Issue :3,pp.1962 – 1970, 2019
6. K.Yogeswari and B.Dheepika Lakshmi, “Experimental Investigation carried out with lighter to provide a fire retardant – thatched roof for Rural Development”, *International Journal of Engineering Research and Technology*, Vol : 8,Issue : 6,pp.1063 – 1069, 2019.
7. B.Indhu, K.Yogeswari and Mehnaz Akhtar, “Tracking of Construction Progress concerning Activity wise Equipment Delay”, *International Journal & Recent Technology and Engineering*, Vol :8,Issue :3,pp.1883 – 1892, 2019
8. K.Yogeswari and B.Indhu, “SEM approach on construction delay factors caused due to improper equipment maintenance in India and its impact on Economy”, *Ciencia e Tecnica Vitivinicola*, Vol : 34,Issue :1,pp.79 -95, 2019
9. P. Gajalakshmi, J. Revathy , J. Sakthi, “Performance of RCC Beams Laminated with Kevlar Fabric”, *Jordan Journal of Civil Engineering*, Vol. 14, No. 2, pp 225-237, 2020
- 10.P. Gajalakshmi J. Revathy, V. Akshay Babu, “Performance of E-plastic Waste in Concrete for Sustainable Built Environment”, *Indian Journal of Environmental Protection*, Vol :39, Issue :12,pp.30 - 35.

11. V.S.Priya, M.Ayisha Siddiqua and M Ajay, "Effect of Operational Parameters and Suitability of Biological Reactors for the removal of VOC from Pharmaceutical Wastewater- A Review", *International Journal of Advanced Science and Technology*, Vol.29. No.10S, pp. 4007-4010, 2020
12. R. Pamila, Padmaja Megham and Vasanthi Padmanabhan, "Optimization of Cu (II) and Cr (VI) Removal Efficiency using ANNs and RSM", *Journal of Test Engineering and Management*, Vol. 83, pp 8343-8348, 2020
13. B.Indhu and K.Yogeswari, "Review of delay factors due to improper construction equipments", *International Journal of Emerging Technologies*, Vol. 11, Issue 1, pp. 209-214, 2020
14. V.Uma Maheshwari and K.Yogeswari, "Solid Waste Management Performance towards the Zero Waste Index in Suburban Area", *International Journal of Scientific Research in Engineering and Management*, Vol. 4, Issue 7, pp. 1 to 6, July 2020
15. M. Nashreen Fathima and K. Yogeswari, "Strategy and Framework for Sustainable Rural Infrastructure of Kuthukalvalasai", *International Journal of Research and Analytical Review*, Vol. 7, Issue 3, pp. 660 to 665, July 2020
16. R. Pradeep Kumar and K.Yogeswari, "Smart Water Management Using SCADA at Water Treatment Plant", *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 9, Issue 7, pp. 5396 to 5400, July 2020
17. Syed Mueen, Mohd Umar and A.K.Kaliluthin, "An Optimum Mix Proportioning of Eco-Friendly Concrete Using Taguchi's Approach" *The IUP Journal of Structural Engineering*. IUP Publications. 0974-6528, July 2019, Vol. 12 Issue 3, pp. 39-50, 2019
18. Ayisha Siddiqua M., Karpagam V., K.Jagadesh, Y.Ibrahim and K.Kanmani, "Role of e-learning in Indian education system", *International Journal of Engineering and Advanced Technology*, ISSN 2249-8958, Vol. 9, Issue 1, pp. 2583-2586, October 2019
19. T. N. Guma, E. O. Ajayi, and M. S. Haji Sheik Mohammed, "Standard Techniques of Stress Corrosion Cracking Testing: A Review", *Journal of Newviews in Engineering and Technology (JNET)*, Vol 2, Issue 1, pp. 58-72, March 2020.

20. M. Ayisha Siddiqua, Y. Ibrahim, Vasanthi Padmanadhan, Sufiyan Ahamed Jeddy and Tauseef Ahamed, “Waste water Treatment: Milk Processing Industry Effluent using sequential batch reactor process”, *Ecology Environment and Conservation*, Vol :25, Issue : 2, pp.779 – 783, 2019.
21. Anayatullah Mushtaq and P.Vasanthi, “A Study on Environmental Sustainability of Construction Projects in Tamilnadu”, *Journal of Civil Engineering and Environmental Technology*. Vol :6, Issue : 4, pp.270 – 277, 2019
22. J. Revathy, P. Gajalakshmi , Aseem Ahmed, “Flowable nano SiO<sub>2</sub> based cementitious mortar for ferrocement jacketed column”, *Materials Today : Proceedings*, Vol. 22, Part 3, pp 836-842, 2020. Available:<https://doi.org/10.1016/j.matpr.2019.11.020>
23. Mohd Umar, P. Gajalakshmi, J.Revathy, “Strength evaluation of eco-friendly concrete using Taguchi method”, *Materials Today: Proceedings*, Vol. 22, Part 3, pp 937-947, 2020. Available:<https://doi.org/10.1016/j.matpr.2019.11.136>
24. J. Revathy, P. Gajalakshmi, P. Pavithra, “Experimental investigation on concrete filled glass fibre reinforced polymer tubular beams under flexural loading”, *Materials Today: Proceedings*, ISSN 2214-7853, 2020. Available: <https://doi.org/10.1016/j.matpr.2020.04.869>.
25. Pandulu Gajalakshmi, Jane Helena, Jayaseelan Revathy, Variable and constant amplitude testing of concrete in-filled steel tube columns, *Materials Today: Proceedings*, ISSN 2214-7853, 2020, Available: <https://doi.org/10.1016/j.matpr.2020.04.114>

#### Other journals

1. K.Yogeswari and K.Eswari , “Study of Sustainable indicators for port Environment in Indian Context”, *International Journal of Green Engineering*, Vol : 9, Issue :3, pp.224 -244, 2019
2. V. Uma Maheshwari and K.Yogeswari, “Development of Smart Solid Waste Technology”, *International Journal of Innovative Research in Science, Engineering and Technology*, Vol :8, Issue :3, pp.1962-1971, 2019

International Conference & National Conference:

c) Conference with ISBN Proceedings

1. Suebha Khatoon, A.K.Kaliluthin and Ashwin Raut (2019), "A Review on the Effects of various Influence factors in formation of Geopolymer Binder", *TEQUIP III Sponsored International Conference on Innovative trends in Civil Engineering for Sustainable Development (ITCSD-2019)*, pp 140-141, National Institute of Technology- Warangal, Telangana, 13<sup>th</sup> – 15<sup>th</sup>, September 2019. (ISBN: 978-93-89354-46-1).
2. V. Roopa, A. Thamimul Ansari and M.S. Haji Sheik Mohammed (2019), "Influence of Polymer Modificaton on Strength Properties of Ferrocement Panels", *Proceedings of the 5th National Convention on Innovations in Ferrocement - Acceptance in Construction Sector (FS 2019)*, pp. 11-20, Ferrocement Society, Nashik, India. (ISBN 9788193551561)
3. R.B.Dharma, M.Ayisha Siddiqua, .V.S.Priya, Y.Ibrahim and K.Kanmani (2020), "Novel lab scale filtration system for treatment of contaminated water from cooum river in Chennai" First International conference on emerging trends and challenges in applied science, engineering and Technology, Vol1, March 10-11, 2020 pp. 90-95, ISBN No. 978-81-942293-1-5
4. Priya VS, M.Ayisha Siddiqua and Ajay (2020), "Key role of operational parameters and suitability of biological reactors for the biodegradation of VOC in pharmaceutical wastewater – A review", First International conference on emerging trends and challenges in applied science, engineering and Technology, Vol1, March 10-11, 2020 pp. 96-99, ISBN No. 978-81-942293-1-5.

23. Details of Impact Factor of the Publication and H-Index

- A) Range B) Average C) H-Index D) No. In Scopus - 25

24. Sponsored Research (Ongoing / Applied)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1.	Dr.Amlan Kumar Sengupta, Department of Civil Engineering, IIT Chennai, Dr.G.RadhaKrishna G Pillai, Department of Civil Engineering, IIT Chennai, Dr. M.S. Haji Shiek Mohammed, BSACIST	Extra Mural research Funding	Structural Behaviour of Corroding Prestressed Concrete Systems and Extension of Service Life using Cathodic Protection	Rs. 49.5 lakhs	-	-	-	Ongoing



2.	Dr.G.RadhaKrishna G Pillai, Department of Civil Engineering, IIT , NIT Trichy, Dr. M.S. Haji Shiek Mohammed, BSACIST	Industry Project	Evaluation of Sacrificial anode/ cathodic prevention/ Protection (SACP) systems for various types of concrete systems	Rs. 25.26 lakhs	-	-	-	Ongoing
3.	Ms.Roopaa.V	DST,SERB,TARE	Corrosion protection and service life extension of reinforced concrete roofing systems in existing buildings	Rs. 18,30,000 Amount Earmarked for CRESCENT: Rs. 8,25,000	2,75,000	1,88,962	93942+27500 0 =3,68,942	Ongoing
4.	Dr. J. Revathy Dr. P.Gajalakshmi	Research Promotion Scheme, (RPS), AI	Seismic behaviour of light weight concrete	Rs. 2 lakhs	-	-	-	Ongoing

		CTE, New Delhi	filled FRP tubular columns					
5.	Dr. P.Gajalakshmi Mr. K.N. Krishnaprasad	Tamil Nadu State Council for Science and Technology	Application of Bio medical waste for the development of sustainable concrete	Rs. 7500	-	-	-	Ongoing
6.	Dr. J. Revathy Mr. M. Abdulrahman	Tamil Nadu State Council for Science and Technology	Influence of Bacterial Species on the Durability Performance of Green Concrete for Sustainable Built Environment	Rs. 7000	-	-	-	Ongoing

### 25. Details of Major Equipment Purchased (Financial year 2019-20)

S.No	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs	Working Status	
					Yes	No
1.	Digital Lateral Extensometer Combined Compressometer	Sofeel, India	June 2019	Rs.44,342	Yes	
2.	COD digester with Timer Make : PSI-012	NM Analytical Solution	September 2019	Rs.50,400	Yes	
3.	Data logging and signal conditioning system with load cell and LVDT	Sofeel, India	November 2019	Rs.1,29,465	Yes	
4.	Digital Triaxial Apparatus with Software	Concord Instruments, India	Equipment not dispatched due to lockdown	Rs. 4,80,057.00		

### 25. Book Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	\$		
1.	Dr. A.K.Kaliluthin (Co-author)	Construction Materials & Techniques	235		Notion Press Publishers, Chennai, Tamilnadu, India	Available

26. Patents (Obtained / Applied)

S.No	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1.	Design for Earthquake Load Modelling using Critical Excitation method		201941031691 A 16-08-2019		
2.	Long term Performance of Freeze-Thaw and Corrosion Resistance of Steel Fiber Reinforced Concrete Applications		201941035722 A 13-09-2019		
3.	High Performance of Heedless Glass Fiber Reinforced Concrete Panels		201941038678 A 18-10-2019		
4.	Investigating the Effect of Hybrid Nano Materials on the Mechanical Properties and Durability of Concrete		201941041653 A 01-11-2019		
5.	Effect Surface Treatment of Recycled Concrete Aggregate on		201941054095 A 03-01-2020		

	Properties of Fresh and Hardened Concrete				
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## 27. Achievements of Staff

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Dr.P.Vasanthi	Expert member in Board of Studies	-	August, 2019
		Examiner of Oral Examination of Ph.D Degree	-	August, 2019
2.	Dr. M.S. Haji Shiek Mohammed	Webinar on Durability of Reinforced Concrete Structures in BSACIST	-	May, 2020
		Webinar on Galvanized Steel rebars for Enhanced Corrosion Resistance in RC Structures organized by Kerala Highway Research Institute in association with IIT Bombay	-	July, 2020
3.	Dr.J. Revathy	Best Faculty award	BSACIST	September, 2019
		Research Incentive Award	BSACIST	September, 2019

		Webinar Presented on "Flat Slab & Industrial Structures"	-	May, 2020
4.	Dr. P. Gajalakshmi	Research Incentive Award	BSACIST	September, 2019
5.	Dr. K. Yogeswari	Guest Lecture on Modern surveying equipment, KCG College Of Engineering And Technology	-	September, 2019
		Session Chair, AICTE Virtual International conference on Integration of advanced technologies for industries 4.0, KCG College Of Engineering And Technology	-	June, 2020
		Webinar on Smart cities, New Prince Shri Bhavani College of Engineering and Technology	-	June, 2020
6.	Dr. A.K. Kaliluthin	Research Incentive Award	BSACIST	September, 2019
7.	Ms. Nisha Khanam	Completed Doctoral Degree	Anna University	March, 2020
8.	Mr. B. Kannadasan	Guest Lecture on "Geographical Information System" in PERI Engineering College	-	August, 2019



Snapshot of the Webinar Series on Durability of Reinforced Concrete Structures



Best Faculty Award



Research Incentive Award



Delivery of Guest Lecture – Mr. B. Kannadasan



## 28. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Kotha Amara Manikanta	180011601014	Nominated and attended a 10 <sup>th</sup> Annual National Conclave of India Students Parliament (Bharatiya Chhatra Sansad), at New Delhi	-	February, 2020
2.	Nadeem Sheriff	160011602004	AURA '19 (A PIMS SPELL)- First position in Variety Show	Pondicherry Institute of Medical Sciences	August, 2019
3.	Shaik Bepari Mohammed Abdur Rehman	160011601068	Completed successfully NPTEL course on Integrated Waste Management for a Smart City	NPTEL - AICTE	October 2019
4.	J.Mohammed Farooq	160011601050	Completed successfully NPTEL course Integrated Waste Management for a Smart City and Sustainable Materials and Green buildings	NPTEL - AICTE	October 2019

## 29. Industry / Institute Collaboration

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1.	IIT Bombay	Joint project proposal and Students' internship	January & 2020	Ongoing		Opportunities for students internship Joint project proposals, Establishing centre CRSGIS.

### MoUs Signed

S.No	Name of the firm/Institute	Type of Collaboration	Details of MoU			Outcome Expected	Current status
			Day	Month	Year		
1.	M/S. Kankyo Clean tech India Pvt Ltd	Students' project	08	01	2019	Pilot plant scale setup of MIRA CARBON – sewage treatment plant and Vermifilters	Ongoing
2.	Engineering Project Management	Students' project and internship	07	05	2019	To facilitate students' internship and also to	Ongoing

	Consultancy and Research (EPMCR) Private Limited, Chennai					provide opportunities to students for real time project.	
3.	University of Stuttgart, Germany	Joint project proposal and Students' exchange programme	01	11	2019	To promote research activities by joint project proposal. To provide students' exchange programme	Ongoing

### 30. Extension Activity Conducted

S.No	Type of extension activity	Details of Participants			Details of beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1.	Young Genius- National level competition for school students - "Leaving no one behind- Safe water for all"	-	110	-	School students	16.10.2019	Awareness on water conservation to students
2.	JalShakthiAbhiyan- Awareness Campaign in	9	34	-	Villagers in Karanai	05.09.2019	Awareness on rain water harvesting

	Karanai Puducheri				Puducheri		and to avoid use of plastic
3.	Webinar on River Restoration and Modelling Techniques	9	45	-	College students	05.06.2020	Awareness on river restoration on world environment day



Young Genius- National level competition for school students -  
 ” Leaving no one behind- Safe water for all”



JalShakthiAbhiyan- Awareness Campaign in Karanai Puducheri

### 31. Important Visitors

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1.	Mr.Vignesh Ramadhas	Practice Lead (Infrastructure), Westmar Advisors, Canada	Guest Lecture on “White Rock Pier Reconstruction”	Further opportunities for internships and research
2.	Er. Sherif Azmath	Environmental Engineer, Alanim International General Trading and Contracting, Co.W.L.L. Kuwait	Guest Lecture on “Litigation of Environment in Kuwait – UAE after the War”	Further opportunities for internships and research

3.	Mr.H I Abdul Gani	Head,Civil Design Section, Indhira Gandhi Centre for Atomic Research,Kalpakkam	Society Inauguration for the year 2019-20 and Guest Lecture on Nuclear power Reactor, IGCAR, Kalpakkam	Further opportunities for internships and research
4.	Dr.K.S.Kadiravan	Deputy Director, Groundwater Circle – PWD, IWS, Taramani, Chennai	Guest Lecture on “Estimation of Groundwater Resources”	Further opportunities for internships and research
5.	Mr.A.Selvam	General Manager from M/s. Land Coordinates Technology	Guest Lecture on "Advanced Surveying"	Further opportunities for internships and research
6.	Er.Elias A. Latiff	Chief operating officer, East coast construction India Private Limited, Chennai	Guest Lecture on "Alternate Technologies in Construction" for our Young Engineers	Further opportunities for internships and research
7.	Er.P.Venkatesan	Senior Principal Scientist & Associate Professor, CECRI - Karaikudi	Guest Lecture on "Corrosion of Reinforced Concrete Exposed in Natural Environment"	Further opportunities for internships and research
8.	Dr. Pennan Chinnasamy	CTAR, IIT Bombay.	Guest lecture on “GIS and Remote sensing for better	Further opportunities for internships and sponsored

			natural resource management”	research, Establishment of Centre for Remote Sensing
9.	Er.S.Sudarsanan	Project Manager, Sandvik Asia Private Limited, Hyderabad	Guest Lecture on “Opportunities in Civil Engineering Field”	Further opportunities for internships and research
10.	Dr. Derek V Morris	Senior Consulting Engineer, North America.	Guest Lecture on “Case studies on application of dynamic analysis techniques to Civil engineering problems”	Further opportunities for internships and research
11.	Mr.Sivarama Krishnan	Technical Manager, J.K.Cements Limited, Chennai	Workshop on Concrete Design	Further opportunities for internships and research
12.	Dr. Kandasamy	Associate professor, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.	Workshop on Concrete Design	Further opportunities for internships and research

### 32. Any Other Information

#### Department Achievements:

- The Civil Engineering department has been sanctioned an amount of Rupees 10,00,000/- under AICTE MODROB scheme, towards modernization and upgradation of structural engineering laboratory.
- The Department of Civil Engineering executed the parents waiting lounge project and essential staff quarters from planning to completion, constructed using GFRG Panel Affordable Housing Technique under the guidance of Dr M S Haji Sheik Mohammed and Dr. P. Vasanthi.







Parents Waiting Lounge and Essential Staff Quarters - GFRG Panel Affordable Housing Technique

- The Department of Civil Engineering established two new Centres
  - Centre for Prevention and Control of Corrosion in Concrete Solutions (PC3S)
  - Centre for Remote Sensing and Geographic Information System (CRSGIS) – in collaboration with IIT Bombay

### ***Centre for Prevention and Control of Corrosion in Concrete Structures (PC3S)***

The Centre for Prevention and Control of Corrosion in Concrete Structures is established on February 2020. This Centre aims,

- To develop Products / Technologies / Concepts for Prevention and Control of Corrosion in Reinforced Concrete (RC) Structures.
- To provide online / offline consultancy services for Repair and Rehabilitation of corrosion damaged buildings / structures.

- To offer solutions for durability enhancement of newly constructed buildings / structures and service life extension of distressed buildings / structures.
- To execute consultancy projects of Industry for validation of Products / Technologies / Concepts for corrosion prevention and control.

### Centre for Remote Sensing and Geographic Information System

The Centre for Remote Sensing and Geographic Information System is established on March 2020 in collaboration with IIT Bombay. This Centre aims,

- To develop products/apps using GIS platform for mobile/web GIS applications.
- To execute consultancy projects such as mapping and analysis of the geographic data emphasizing on the application of Remote Sensing and Geographic Information System.
- To provide summer internship to students and to guide students' projects in the area of Remote Sensing and GIS.

Through this Centre one of the students have got the opportunity of online internship in IIT Bombay. The students had undergone the internship in the area of “Application of QGIS in Civil Engineering Structures” and “Mapping of COVID 19 cases in a community using QGIS”.

Details of Testing / Consultancy works & amount generated

S.No	Name of the faculty and the team members	Title of the project work for consultancy	Name of the institution	Amount in Rs.
1.	J.Revathy & P. Gajalakshmi	Testing of Beams	Ms. Lovely Kumari, M.G.R University, Chennai	2,000.00

2.	P.Gajalakshmi & J.Revathy	Testing of Beams	Ms. Sathya, Sathyabama University	8,000.00
3.	Mr.S.Shafeer Ahamed	Compressive strength of concrete cubes of 150mm size, dated on 02.07.2019	M/s. Chennai Metropolitan Development Authority	3000.00
4.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction of (G+4) Commercial Building at Medavakkam, Keelkattalai Road, Madipakkam, Chennai. VCE/19/GIR-044. Dated on 01.08.2019.	M/s. Teamwork Developers Pvt Ltd.,	1000.00
5.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of (G+2) Residential Building At T.T.Kroad, Alwarpet, Chennai. VCE/19/GIR-050. Dated on 19.08.2019	M/s.TAG Corporation Private Ltd.	1000.00
6.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of Commercial Building (G+3) At Vanuvampet, Adambakkam. MSGTPL/SI-44177/19-20. Dated on 5.09.2019.	M/s.Cubes Infrastructure	5000.00
7.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction of Commercial Building At Madipakkam. MSGTPL/SI-3013/14-15. Dated on 18.10.2019.	Mr.Meeran Hausan	5000.00

8.	Dr.P.Vasanthi	Soil investigation & Bearing capacity recommendation for GFRG, thenilluppai Ceyyar taluk. Dated on 18.10.2019.		88382.00
9.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of Commercial Building (Semi basement + G+2 Upper Floors) Purasawalkam, Chennai. MSGTPL/SI-4132/18-19. Dated on 21.11.2019.	Mr.Pravin Kumar P Jain	10000.00
10.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of Residential Apartment (Stilt +5 UPPER Floors) at perungudi, Chennai. MSGTPL/SI-4484/19-20. Dated on 12.12.2019.	M/S. Bright Foundation	10000.00
11.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of Residential Apartment (STILT+3) At Egmore. MSGTPL/SI-4519/19-20. Dated on 14.12.2019.	Mrs. Kousalya	
12.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of Residential Building (G+5) at Vegambakkam. MSGTPL/SI-4529-R1/19-20. Dated on 25.12.2019.	M/s. Bharathi Homes & Realtors Pvt. Ltd.	
13.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed	M/S.Paramount Realty	10000.00

		Construction Of Residential Apartment (STILT+9) At Royapuram, Chennai. MSGTPL/SL-4560 R1/19-20. Dated on 12.02.2020.		
14.	Mr.S.Shafeer Ahamed	Compressive strength of concrete cubes of 150mm size, Dated on 02.07.2019	M/s. Chennai Metropolitan Development Authority	1500.00
15.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of Residential Building (G+2) At Madhananthapuram, Chennai. MSGTPL/SI- 4590/19-20.Dated on 02.01.2020.	Ms.T.Nirmala	10000.00
16.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of Residential Apartment (Stilt+5) At Madipakkam, Chennai. MSGTPL/SI-4535/19- 20 Dated on 10.01.2020.	Mr.Rajkumar Chandok	
17.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction of Residential Apartment (Stilt+5) At Choolaimedu, Chennai. MSGTPL/SL-4592/19- 20.Dated on 20.01.2020.	Ms. Anitha Kothari & Vinod Kothari	
18.	Dr.P.Vasanthi	Bearing capacity recommendation for Proposed Construction Of Factory Building At Thirumudivakkam Village, Sriperumpudur Tk, Kancheepuram. VCE/19/GIR-021.	M/S.TAG Corporation Private Ltd	10000.00

## **SCHOOL OF MECHANICAL SCIENCES**

- **Department of Mechanical Engineering**
- **Department of Aerospace Engineering**
- **Department of Automobile Engineering**
- **Department of Polymer Engineering**

## DEPARTMENT OF MECHANICAL ENGINEERING

### 1. Value Added Programmes Started

S. No.	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	<i>Industrial Robotics, Artificial intelligence and Service Robotics</i>	15.07.2019- 12.06.2020	64	Prag Robotics	60	4	-

### 2. Training Programmes Offered

S. No.	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Training Programme for Pre-final year students by Alumni	02.02.2020	6	Training and Placement Cell -BSACIST.	180	-	-
2	Training conducted for Accelerating, learning and Research “MATLAB Onramp Courses”.	15.06.2020	4	Design-Tech Systems Private Ltd, Chennai.	170	15	-

### 3. Interdisciplinary Programmes Conducted

S. No.	Name of Programme	Other departments involved	Details of Participants			Programme Outcome
			Students	Faculty	Others	
1	Battery Operated Electric Vehicle	EEE	17	45	-	To gain knowledge on the working principle of Battery Operated Electric Vehicle.

### 4. Details of Field visits organized by the department

S. No.	Participant Details				Name of accompanied faculty	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1	B. Tech Mechanical	VIII	D	45	Dr. M. Pervaz Ahmed	Neyveli Thermal Power Station.	27.09.2019	To gain the knowledge about the working principle of thermal power plant. Able to identify the various materials handling equipment.	Yes



### 5. Conferences / FDP / Seminars / Workshops Organized

S. No.	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Friction Material Concepts-Electronic braking system.	Workshop	28.08.2019	M/sMando Automotive Pvt Ltd.	Dr. Vijay Subramanian, Indian Representative, Alrokogmbh, Germany	26	-	22	-
2	New Super-elasticTi-Nb-Ta-Zr alloys for Bio-medical Applications	Guest Lecture	06.09.2019	Egypt-Japan University of Science & Technology	Dr. Mohamed Gebreel, Professor from Egypt-Japan University of Science & Technology	14	56	-	-
3	Current trends in metal forming research	Guest Lecture	01.10.2019	IIT Madras	Dr. Hariharan IIT Madras	10	300	-	-
4	Recent Trends on Solar Thermal Applications	Guest Lecture	03.10.2019	Tanta University, Egypt	Dr. A.E. Kabeel, Professor in Mechanical Power Engineering Department, Faculty of	10	30	-	-

S. No.	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
					Engineering - Tanta University, Egypt				
5	Workshop on conducting the international conference in ETDMMT2020.	Workshop	03.01.2020	Mypad Now	Mr. Senthil Raja	36	-	-	-
6	Industrial Design and Conceptualization	Workshop	04.02.2020-05.02.2020	Equad Engineering Services Pvt. Ltd.	Mr. Daniel Mr. Martin	-	150		
7	Basics of Machine Learning and Deep Learning	Guest Lecture	11.02.2020	NIT, Surathkal	Dr. S. Anand Kumar	30	25	-	-
8	One day workshop on HVAC and Piping Design for final year	Workshop	13.02.2020	MEP Centre, Chennai.	Mr.Raja	3	55	-	-

S. No.	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
	students								
9	Five days STTP on Basics of friction material formulation	Workshop	24.02.2020 to 28.02.2020	-	Dr.M.A.SaiBalaji	Nil	Nil	2	9
10	Webinar on Electric Vehicle Designing by BCCL & SIEMENS	Webinar	25.04.2020	BCCL & SIEMENS	Mr. Pradeep Singh, PLM, SIEMENS.	12	-	-	-
11	Webinar on Career Opportunities in welding	Webinar	04.06.2020	Perfect Welding Fronius India Private Limited	Mohamed Aleem , M.Tech (Welding Engg) Area Sales Manager (Engineering)	-	44	-	-
12	Webinar on Basics of 3D Printing Technologies and its Industrial Applications	Webinar	21.05.2020	Incredible Additive Manufacturing, Pvt. Ltd., Pune.	Mr.KiranChandwadkar and Mr. AbhilashGupta	22	-	-	-
13	Webinar on	Webinar	26.05.2020	Mistry,P M Tech	Mr. Pranav Ramanlal	45	-	-	-

S. No.	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
	Battery Operated Electric vehicles			Innovator, Mumbai, India.					
14	Webinar on Modification of oxidation properties of sulfide mix towards frictional stability in NAO brake pad	Webinar	04.06.2020	Risma Metal Technology, Spain	Dr. Carlos Lorenzana, Technical Director,	62	-	-	-
15	Webinar on Engineering Online by FEAST Software Product Development Ltd.	Webinar	20.06.2020	Lead Team FEAST Software Product Development Ltd.	Mr. Ghanashyam Wargay	33	-	-	-
16	Webinar on IOT use cases in mechanical and industrial areas	Webinar	24.06.2020	QARAI Solutions, Bangalore, India	M. Abdur Rahman, President & CEO, QARAI Solutions, Bangalore, India.	42	-	-	-

S. No.	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
17	Webinar on Six Sigma White Belt	Webinar	23.05.2020	Vision Excellence Chennai.	Dr.GopalSivakumar, Executive Officer Vision Excellence Chennai.	15	61	-	-

Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

S. No.	Name of Activity	Duration	Details of financial support received from Institution(Rs)	Remarks
1	Guest Lecture on New Super-elastic Ti-Nb-Ta-Zr alloys for Bio-medical Applications	1 Day	2,760/-	-
2	Guest Lecture on Recent Trends on Solar Thermal Applications	1 Day	2,960/-	-
3	Workshop on "Friction Material Concepts-Electronic braking system".	1 Day	-	Received Rs.50,000/- from M/s. Mando Automotive India Ltd., Chennai.

4	Workshop on Five days STTP on "Basics of friction material formulation"	5 Days	Nil	-
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#### 6. Conferences / FDP / Seminars / Workshops Attended

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs.)
1	Dr. R. Karunanithi	Computational Materials Modeling & Simulation (CMMS 2020)	Workshop	17.02.2020-21.02.2020	Under CoE (in Advanced Materials), TEQIP-III at National Institute of Technology Durgapur.	14,000 /- from (BSACIST)
2	Dr. A.S. Selvakumar	Sensitization workshop on National Initiative for Technical Teachers Training	Training	20.02.2020	NITTR Chennai in partnership with AICTE	-
3	Dr. A.S. Selvakumar	Smart Manufacturing and Metrology.	International Conference	25.07.2019-26.07.2019	Indian Institute of Technology, Madras	-
4	Mr. A. Varun Kumar	International Conference on advances in design,	International Conference	11.10.2019 - 12.10.2019	SAE India Southern Section	-

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs.)
		materials, manufacturing and surface engineering (ADMMS 2019)				
5	Dr. M.A. Sai Balaji	4th Railway Brake and Friction Conference 2019	International Conference	10.12.2019 - 11.12.2019	Department of Automobile Engineering, School of Mechanical Engineering, SRM Institute of Science and Technology	-
6	Dr. K. Mohamed Bak	International Conference on Advances in Mechanical Engineering (ICAME- 2020)	International Conference	24.02.2020- 29.02.2020	SRM Institute of Science and Technology, Chennai.	-
7	Mr. S. Jeavudeen	International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019)	International Conference	12.09.2019- 14.09.2019	KLE Dr. M S Sheshgiri College of Engineering and Technology, Udyambag, Belgaum – 590 008.	10,000/- from (BSACIST)

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs.)
8	Dr. SerajulHaque	FDP- Moodle Learning Management System	FDP	29.04.2020-01.05.2020	Spoken Tutorial Project, IIT Bombay, MHRD, Govt of India	-
9	Dr. SerajulHaque	International Conference on Fuzzy Logic and Neural Network Approaches For Engineering Solutions	International Conference	29.04.2020 - 30.04.2020	JEAR and Hexacube, India	-
10	Mr. S. Jeavudeen	FDP- Moodle Learning Management System	FDP	29.04.02020 01.05.2020	Spoken Tutorial Project, IIT Bombay, MHRD, Govt of India	-
11	Mr. P.V. Rangarao	International Conference on Fuzzy Logic and Neural Network Approaches For Engineering Solutions	International Conference	29.04.2020 - 30.04.2020	JEAR and Hexacube, India	-
12	Dr. A.S. Selvakumar	Webinar on Sensitization workshop on National	Workshop	20.02.2020	NITTTR & AICTE, India.	-



S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs.)
		Initiative for Technical Teachers Training				
13	Dr. ArockiaJulias A	Online FDP on Application of Moodle LMs	FDP	11.06.2020-25.06.2020	Patil College of Engg, India	-
14	Dr. S.MohamedIllyas	Online FDP - Biofuels and its Application in IC Engines	FDP	01.06.2020-05.06.2020	MEA Engineering College, Perinthalmanna, Kerala	-
15	Mr. Jamesha Ibrahim. K	Webinar on Effective and Efficient Online Teaching in the Age of Corona, Hands On Workshop.	Workshop	14.05.2020-16.05.2020	IIT Bombay	-
16	Mr. S. Syed Zubair	Webinar on Effective and Efficient Online Teaching in the Age of Corona, Hands On Workshop	Workshop	14.05.2020-16.05.2020	IIT Bombay	-

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs.)
17	Mr. S. Syed Zubair	Online Workshop - Scientific Writing for Journals	Workshop	20.05.2020	Springer Nature, India.	-
18	Mr. Syed Shaul Hameed	FDP - Introduction to programming with Matlab	FDP	01.03.2020-26.04.2020	Vanderbilt University, USA	-
19	Mr. Syed Shaul Hameed	Workshop - Matlab Onramp	Workshop	15.06.2020	Mathworks, Chennai.	-
20	Mr. Syed Shaul Hameed	Workshop on Artificial Intelligence, Automated Driving and Model-Based Design Using MATLAB and Simulink	Workshop	17.09.2019	Mathworks, Chennai.	-
21	Dr. Mohamed Bak K	Webinar on Research and Funding Collaboration Opportunities in Saskatchewan.	Seminar	30.06.2019	CIIC, Crescent University	-

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs.)
22	Dr. Mohamed Bak K	Webinar on Various Project Opportunities for DST Funding–Strategies on International Cooperation	Seminar	23.05.2020	Department of Science & Technology, Government of India and organized by the Office of Research, ESPAC and HR & FTA	-
23	Dr. Mohamed Bak K	National quiz on Test your knowledge in ISO	Seminar	29.05.2020	Department of CSE, BSACIST	-
24	Dr. Mohamed Bak K	Artificial Intelligence for Science and Engineering Applications in MATLAB	Seminar	28.05.2020	Mathworks, Chennai.	-
25	Dr. Mohamed Bak K	Webinar on All about Patents and Intellectual Property	Seminar	26.04.2020	CIIC, BSACIST	

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs.)
26	Dr. M.Thirumurugan	Workshop on Moodle Learning Management System	Workshop	29.04.2020-01.05.2020	Department of Computer Science, Kaypeeyes College of Arts & Science, Kotagiri, The Nilgiris.	-
27	Dr. M.Thirumurugan	Workshop on Additive Manufacturing	Workshop	15.05.2020-16.05.2020	S.A.Engineering College, Chennai.	-
28	Dr. M.Thirumurugan	FDP on Novel Materials and its Industrial Applications	FDP	13.05.2020-18.05.2020	Karpagam Collge of Engineering, Coimbatore.	-
29	Dr. M.Thirumurugan	FDP on Recent Advancements in Mechanical Engineering	FDP	21.05.2020-23.05.2020	Dr. N.G.P Institute of Technology, Coimbatore.	-
30	Dr. M.Thirumurugan	FDP on Multidisciplinary Approach towards Emerging trends in Science and	FDP	01.06.2020-05.06.2020	Ramachandra College of Engineering, Eluru, Andra Pradesh.	-

S. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs.)
		Humanities				
31	Dr. M.Thirumurugan	FDP on Advanced Machining Techniques	FDP	22.06.2020-27.06.2020	Sathyabama Institute of Science and Technology, Chennai	-

7. Papers Published/ Presented In Journals & Conferences (Total Numbers Only)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	24	-	-	-	67	-	91

## 8. Details of Publication In National & International Journals & Conferences: (IEEE Format)

### International Journal & National Journal

#### a) SCI/Scopus Indexed Journal:

1. Ramalingam, S., RasoolMohideen, S., Manigandan, S., & PremAnand, T. P., "Hybrid polymer composite material for robotic manipulator subject to single link flexibility", *International Journal of Ambient Energy*, vol.136, no.1, pp. 1-19, 2019.
2. Ramalingam, S., & RasoolMohideen, S. "Composite materials for advanced flexible link robotic manipulators: an investigation", *International Journal of Ambient Energy*, vol. 6, no. 1, pp. 1-6. 2019.
3. Ramalingam, S., & RasoolMohideen, S. "Hybrid Polymer Composite Flexible Multi-Link Robotic Manipulator Simulation Analysis", *International Journal of Recent Technology and Engineering*, vol.7, no. 62, pp. 902-909, 2019.
4. Ramalingam, S., RasoolMohideen, S., Manigandan, S., & PremAnand, T. P. (2019). "Hybrid polymer composite material for robotic manipulator subject to single link flexibility," *International Journal of Recent Technology and Engineering*, vol. 7, no. 6, pp.1-5, 2019.
5. Sengalani, R. & RasoolMohideen, S. "Numerical Analysis of Robotic Manipulator Subject to Mechanical Flexibility by Lagrangian Method", *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, pp. 1-11, 2019.
6. Rajan, B. S., Saibalaji, M. A., & Mohideen, S. R, "Tribological performance evaluation of epoxy modified Phenolic FC reinforced with chemically modified Prosopis Juliflora bark fiber", *Materials Research Express*, vol. 6(7), pp. 075313, 2019.
7. Sathickbasha. K, "Tribo performance of single and multiwall carbon nanotube in the disc brake pad formulation", *Euro Brake*, vol.1, pp. 3-9, 2019.
8. Rajan, B. S., Saibalaji, M. A., & Mohideen, S. R. "Tribological performance evaluation of epoxy modified Phenolic FC reinforced with chemically modified Prosopis Juliflora bark fiber". *Materials Research Express*, vol. 6, no.7, pp.1-13, 2019.

9. ALI, J., Jailani, H., & Murugan, M. "Surface Roughness Evaluation of Milled Surfaces by Image Processing of Speckle and White-Light Images", *Lasers in Engineering* (Old City Publishing), pp. 141-151, 2019.
10. Ali, M., Jailani, S., Mariappan, M., Anandan, M., & Pavithran, V. (2019). "Vision Based Surface Roughness Characterization of Flat Surfaces Machined with EDM", vol. (No. 2019-28-0148). *SAE Technical Paper*. 2019.
11. Ahmed, M. P., & Jailani, H. S, "Enhancing Wear Resistance of Cryo Treated Cu-Be<sub>2</sub> Alloy". *Silicon*, vol. 11, no. 1, pp. 105-115, 2019.
12. Satikbaša, K., Selvakumar, A. S., Sal, B., & Surja, R. B, "Effect of steel family fibers on friction and stiction behavior of brake pads", *FME Transactions*, vol. 47(4), pp. 856-864, 2019.
13. Afshan, M. E., Selvakumar, A. S., Velraj, R., & Rajaraman, R. "Effect of aspect ratio and dispersed PCM balls on the charging performance of a latent heat thermal storage unit for solar thermal applications". *Renewable Energy*. pp. 1-32, 2019.
14. Arulmurugan, M., Prabu, K., Rajamurugan, G., & Selvakumar, A. S, "Impact of BaSO<sub>4</sub> filler on woven Aloe vera/Hemp hybrid composite: Dynamic mechanical analysis", *Materials Research Express*. vol.6, no.4, pp. 1-10, 2019.
15. Arulmurugan, M., Prabu, K., Rajamurugan, G., & Selvakumar, A. S, "Viscoelastic behavior of aloe vera/hemp/flax sandwich laminate composite reinforced with BaSO<sub>4</sub>: Dynamic mechanical analysis", *Journal of Industrial Textiles*, pp. 1-25, 2019.
16. Sathickbasha, K., Selvakumar, A. S., Balaji, M. A. S., & Balachandran, S. R. "The dual role of metal sulfides as lubricant and abrasive: an interface study in friction composite". *Materials Research Express*. pp. 1-21, 2019.
17. Arulvizhi, V. K., Somasundaram, S. A., Murugan, B., Natarajan, R., & Kalam, A. R, "Metallurgical and Wear Behaviour of Stellite 6 Reinforced Stainless Steel 316 Joints by Nd-YAG Laser Welding Process", *SAE Technical Paper*, No. 2019-28-0147, 2019.
18. Arulvizhi, V. K., Somasundaram, S. A., Niyaz, M. H., Ranganathan, P. K., Moolai, A. Z., Burhanudeen, M. A. A. A., & Ramu, M. R, "Advances in Laser Welding of Stainless Steel Alloys", *SAE Technical Paper*. No. 2019-28-0056, 2019.

19. Selvakumar, A. S., Rajan, B. S., Balaji, M. S., & Selvaraj, B. Strain analysis of AA6063 aluminum alloy by tube hydro forming process. *Advances in Manufacturing Processes*, pp. 13 -21, 2019.
20. Sathickbasha, K., Selvakumar, A. S., Balaji, M. S., Rajan, B. S., & Ahamed, M. J, "Tribo performance of brake friction composite with stainless steel fiber," *Advances in Materials and Metallurgy*, pp. 159-169, 2019.
21. Hameed, S. S., Vaithyanathan, M., & Kesavan, M, "Fault Detection in Single Stage Helical Planetary Gearbox Using Artificial Neural Networks (ANN) and Decision Tree with Histogram Features," *SAE Technical Paper*, No. 2019-28-0151, 2019.
22. Durairaj, P. K., & Vaithyanathan, M, "Tool Condition Monitoring in Face Milling Process Using Decision Tree and Statistical Features of Vibration Signal," *SAE Technical Paper*, No. 2019-28-0142, 2019.
23. S. Ravikumar, H. Kanagasabapathy, V. Muralidharan, "Fault diagnosis of self-aligning troughing rollers in belt conveyor system using k-star Algorithm", *Measurement*, vol.133, no.1, pp.341-349, 2019.
24. Balaji, Sai, and Mohamed Aslam Noorani AB. "Tribological performance of graphene/graphite filled phenolic composites-A comparative study" *Composites Communications*, vol. 15, no.1, pp. 34-39, 2019.
25. Nagarajan, K. J., Balaji, A. N., Rajan, S. T. K., & Basha, K.S, "Effect of sulfuric acid reaction time on the properties and behavior of cellulose nanocrystals from *Cocos nucifera* var. *Aurantiaca* peduncle's cellulose microfibers", *Materials Research Express*, vol. 6, no12, pp.125333, 2019.
26. Rajan, S. B., Sathickbasha, K., Balaji, S., & Hariharasakthisudhan.P, "Development of an automated and dedicated measuring system of tube dimensions using 1d and 2d laser displacement sensors", *FME Transactions*, vol. 47, no1, pp. 122-128, 2019.
27. Md, J. A., Saibalaji, M. A., & Liu. Y, "Characterization of alkaline treated are vajanica fiber and its tribological performance in phenolic friction composites", *Materials Research Express*, vol. 6, no11, pp.115307, 2019.
28. Rajan, B. S., Balaji, M. A. S., & AB, M. A. N, "Effect of silane surface treatment on the physico-mechanical properties of shell powder reinforced epoxy modified phenolic friction composite", *Materials Research Express*, vol. 6, no.6, pp. 065315, 2019.



29. Ahmed, M. J., Balaji, M. A. S., Saravanakumar, S. S., &Senthamaraikannan, P. A, “Comprehensive Physical, Chemical and Morphological Characterization of Novel Cellulosic Fiber Extracted from the Stem of ElettariaCardamomum Plant”, *Journal of Natural Fibers*, pp. 1-12. 2019.
30. Ahmed, M. J., Balaji, M. S., Saravanakumar, S. S., Sanjay, M. R., &Senthamaraikannan, P. “Characterization of a revajavanica fiber–A possible replacement for synthetic acrylic fiber in the disc brake pad”, *Journal of Industrial Textiles*, vol. 49, no.3, pp. 294-317, 2019.
31. Mary, J. S., Balaji, M. S., Krishnakumari, A., Nakandhrakumar, R. S., &Dinakaran, D, “Monitoring of drill run out using Least Square Support Vector Machine classifier”, *Measurement*, vol. 146, pp. 24-34, 2019.
32. Susai, M. J., Sai, B., &Dinakaran, D, “Prediction and geometric adaptive control of surface roughness in drilling process” *FME Transactions*, vol. 47, no. 3, pp. 424-429, 2019.
33. Rajan, S. B., Sathickbasha, K., Balaji, S., &Hariharasakthisudhan, P, “Development of an automated and dedicated measuring system of tube dimensions using 1d and 2d laser displacement sensors,” *FME Transactions*, vol. 47,no. 1, pp.122-128, 2019.
34. Rajan, B. S., Balaji, M. A. S., Sathickbasha, K., &Hariharasakthisudan, P, “Influence of Binder on Thermomechanical and Tribological Performance in Brake Pad,” *Tribology in Industry*, vol. 40, no. 4, pp. 1-16, 2019.
35. Rajan, B. S., Balaji, M. S., &Saravanakumar, S. S, “Effect of chemical treatment and fiber loading on physico-mechanical properties of Prosopisjuliflora fiber reinforced hybrid friction composite,” *Materials Research Express*, vol. 6, no.3, pp. 1-12, 2019.
36. Rahman, M. A., Sirajudeen, N., &Karunanithi, R, “Corrigendum: Hardness and dry sliding wear behavior of SiC reinforced Al 7150 alloy composite synthesized under the influence of aging, varying compaction pressures, particle size and volume fraction of ceramic particulates by hot compaction technique,” *Materials Research Express*, vol. 6, no. 7, pp. 1-20, 2019.

37. Rahman, M. A., Karunanithi, R., & Sirajudeen, N, "Effect of milling time on the density, hardness and corrosion behavior of Al 7150 alloy produced by high energy ball milling," *Materials Research Express*, vol. 6, no. 7, pp. 1-15, 2019.
38. Karthikeyan, S., Subramanian, M., Ghosh, A., Prashanth, M., & Karunanithi, R, "Micro hardness and corrosion properties of A390 alloy+ x vol.% zirconium dioxide (ZrO<sub>2</sub>) composites processed by P/M method," *International Journal of Microstructure and Materials Properties*, vol. 14, no. 6, pp. 511-523, 2019.
39. Karthik, A., Karunanithi, R., Srinivasan, S. A., & Prashanth, M, "Microstructure and mechanical properties of AA 2219-TiB<sub>2</sub> composites by squeeze casting technique, *Materials Today: Proceedings*, 2019.
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42. Ali, S., Karunanithi, R., Prashanth, M., & Rahman, M. A, "X-ray peak broadening on microstructure, and structural properties of titanium and Ti-6Al-4V alloys," *Materials Today: Proceedings*, 2019.
43. Prabu.K G Rajamurugan, M.Thirumurugan, "Dynamic mechanical characteristics of jute fiber and 304 wiremesh reinforced epoxy composite" *Journal of Industrial Textiles*, vol.1. pp. 1-19, 2019.
44. Sekar, L., Raj, R., & Arasan, T, "Tensile and Fatigue Behavior of Shallow Cryogenically Treated EN19 Alloy Steel", *SAE Technical Paper*. No. 2019-28-0100,. 2019.
45. Julias, A. A., & Murali, V. Interlaminar fracture behaviour of hybrid laminates stacked with carbon/kevlar fibre as outer layers and glass fibre as core. *Advances in Materials and Metallurgy*, vol.1, pp. 91-100, 2019.
46. Haque, S., Srirangarajalu, N., Abdur Rahman, M., & Sirajudeen, N, "Effect of manufacturing process parameters on the wear rate of Al 6061–Cu–SiCp alloy composites," *Emerging Materials Research*, vol. 8, no. 2, pp. 217-224, 2019.

47. Rahman, M. A., & Sirajudeen, N. Corrigendum: Influence of aging, varying particle size & volume fraction of Al<sub>2</sub>O<sub>3</sub> particles on the hardness and wear behavior of Al 7150 alloy composite produced by hot uniaxial compaction method. *Materials Research Express*, vol. 6, no. 3, pp. 1-10, 2019.
48. Rajan, B. S., Balaji, M. A. S., Noorani, A. M. A., Khateeb, M. U. H., Hariharasakthisudan, P., & Doss, P. A, "Tribological performance evaluation of newly synthesized silane treated shell powders in friction composites" *Materials Research Express*, vol. 6, no.6, pp.1-9, 2019.
49. Kabeel, A. E., MuthuManokar, A., Sathyamurthy, R., Prince Winston, D., El-Agouz, S. A., & Chamkha, A. J, "A review on different design modifications employed in inclined solar still for enhancing the productivity," *Journal of Solar Energy Engineering*, vol. 141, no. 3, pp.1-12, 2019.
50. Kabeel, A. E., Sathyamurthy, R., El-Agouz, S. A., MuthuManokar, A., Tripathi, A., & Abdelaziz, G. B, "Experimental investigation of a hybrid setup for distilled water and power production." *Desalination Water Treat*, vol. 162, pp. 30-36, 2019.
51. Kabeel, A. E., El-Agouz, E. S., Prakash, N., Prasad, C., Sathyamurthy, R., & Manokar, A. M, "Performance analysis of spiral and serpentine tube solar collector with carbon nanotube nanofluids under natural flow method," *Heat Transfer—Asian Research*, vol. 48, no. 6, pp. 2428-2439, 2019.
52. Kabeel, A. E., Sathyamurthy, R., El-Agouz, S. A., & El-Said, E. M, "Experimental studies on inclined PV panel solar still with cover cooling and PCM," *Journal of Thermal Analysis and Calorimetry*, vol. 138, no. 6, pp. 3987-3995, 2019.
53. Manokar, A. M., Vimala, M., Sathyamurthy, R., Kabeel, A. E., Winston, D. P., & Chamkha, A. J, "Enhancement of potable water production from an inclined photovoltaic panel absorber solar still by integrating with flat-plate collector," *Environment, Development and Sustainability*, vol. 22, pp. 4145-4167, 2020.
54. Karthick, A., KalidasaMurugavel, K., Sudalaiyandi, K., & MuthuManokar, A, "Building integrated photovoltaic modules and the integration of phase change materials for equatorial applications," *Building Services Engineering Research and Technology*, pp. 1-9, 2019.

55. Balachandran, G. B., David, P. W., Vijayakumar, A. B. P., Kabeel, A. E., Athikesavan, M. M., & Sathyamurthy, R., “Enhancement of PV/T-integrated single slope solar desalination still productivity using water film cooling and hybrid composite insulation,” *Environmental Science and Pollution Research*, pp. 1-12, 2019.
56. Sasikumar, C., Manokar, A. M., Vimala, M., Winston, D. P., Kabeel, A. E., Sathyamurthy, R., & Chamkha, A. J., “Experimental studies on passive inclined solar panel absorber solar still,” *Journal of Thermal Analysis and Calorimetry*, vol. 139, pp. 3649-3660, 2020.
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International Conference & National Conference:

a) Conference with ISBN Proceedings

1. A. MuthuManokar, "Experimental study on effect of different mass flow rate in an inclined solar panel absorber solar still integrated with spiral tube water heater (DS-14)," International Conference on Renewable Energy and Water Sustainability, 26-29 March 2019.
2. A. MuthuManokar, D.R. Rajendran, "Energy exergy and economic analysis of a conventional solar still and peltiermodul integrated conventional solar still - A comparative study," International Conference on Renewable Energy and Water Sustainability, 26-29 March 2019.
3. A. MuthuManokar, "Experimental Invistigation of Passive and Active Inclined Solar Still: Energy and Excery Study," International Conference on Renewable Energy and Water Sustainability, 26-29 March 2019.
4. A. MuthuManokar, "Energy exergy of an inclined solar panel basin solar still - summer and winter climate conditions," International Conference on Renewable Energy and Water Sustainability, 26-29 March 2019.
5. D Rajendran, Ganapathy E, Jawahar P, A E Kabeel, A MuthuManokar, Ravishankar S, Sivakumar V, " CFD studies on multi cavity solar receiver with two heat transfer fluids", International Conference on Renewable Energy and Water Sustainability, 26-29 March 2019.
6. B Gurukarthick, Prince D Winston, J Vinod, A E Kabeel A Muthumanokar, R Sathyamurthy, " Experimental analysis on the performance of passive solar still by using thermally insulating nano-blended unsaturated polyester composite", International Conference on Renewable Energy and Water Sustainability, 26-29 March 2019.
7. B Gurukarthick, Prince D Winston, A Bhaskar, A E Kabeel A Muthumanokar, R Sathyamurthy "Enhancement of a PV/T integrated single slope solar still productivity by using water film over glass cover and hybrid natural fibre composite insulation", International Conference on Renewable Energy and Water Sustainability, 26-29 March 2019.

8. B Gurukarthick, Prince D Winston, A Bhaskar, A E KabeelAMuthumanokar, R Sathyamurthy, “Application of Solar energy on excess in agriculture production,” International Conference in Advances in Mechanical Engineering, 2019.
9. V Muthu, A Muthumanokar, R Sathyamurthy , A E Kabeel, “Prince D Winston Studies on Influencing parameters in the design optimization of solar dish reflector cavity receiver collector system,” International Conference in Advances in Mechanical Engineering, 2019.
10. V Muthu, A Muthumanokar, R Sathyamurthy , A E Kabeel, Prince D Winston, “ Experimental investigation of passive and active inclined solar still: Energy and Exergy study”, International Conference on Renewable Energy and Water Sustainability, 26-29, March 2019.
11. V Muthu, A Muthumanokar, R Sathyamurthy , A E Kabeel, Prince D Winston, “Modified stepped solar still with enhanced evaporation technique,” International water technology conference, 2019.
12. V Muthu, A Muthumanokar, R Sathyamurthy , A E Kabeel, Prince D Winston, “Modeling of V type slope with ansys and CFD simulation,” International water technology conference, 2019.
13. B Gurukarthick, Prince D Winston, A Bhaskar, A. E KabeelAMuthumanokar, R Sathyamurthy, “Performance enhancement of single slope solar still with heat pipes,” International water technology conference, 2019.
14. B Gurukarthick, Prince D Winston, A Bhaskar, A E Kabeel A Muthumanokar, R Sathyamurthy, “Analysis of Blower fan effect on the hybrid PV/T,” International water technology conference, 2019.
15. B Gurukarthick, Prince D Winston, A Bhaskar, A E Kabeel A Muthumanokar, R Sathyamurthy, “Energy balance in solar distillation,” National symposium on green énergies NS6E19 \EI Oued June 2019
16. V Muthu, A Muthumanokar, R Sathyamurthy , A E Kabeel, Prince D Winston, “Computational analysis of heat transfer jet impingement on a flat surface,” CMFDP, 2019
17. V Muthu, A Muthumanokar, R Sathyamurthy , A E Kabeel, Prince D Winston Tribo, “Performance of single and multiwall carbon nanotube in the disc brake pad formulation,” Eurobrake, 2019.

18. V Muthu, A Muthumanokar, R Sathyamurthy , A E Kabeel, Prince D Winston, “Experimental and CFD Studies on Energy and Exergy Efficiencies of Solar Dish Cavity Receivers with Different coil configurations,” 11th International Exergy, Energy and Environment Symposium, 2019.
19. Bernard, S. S., Ahmed, M. J., Dasaprakash, J., Nitin, M. S., Vivek, S., & Kannan, G. K, “Friction and Wear Properties of Bio-Based Abrasive in a High-Friction Composite,” Material. In Advances in Manufacturing Technology (pp. 577-585). Springer, Singapore, 2019.
20. M.A. Saibalaji, “Adaptive control of tool wear by grey wolf optimization and neural controller in a drilling process,” International Conference on Robotic, Automation and Non-Destructive Evaluation, 2019.
21. Dulkiflee, M. M., Kumar, A. V., Balasrinivasan, M., Balachandar, K., & Kumar, C. S, “Influence of SiC Powders on Aluminium Alloy 7075-T6 Joints by Friction Stir Welding Process,” In IOP Conference Series: Materials Science and Engineering (Vol. 577, No. 1, p. 012003). IOP Publishing, November, 2019,
22. Sathyamurthy, R, “Effects of engine load on combustion parameters of chicken oil biodiesel–gasoline blends in port fuel injected HCCI engine-An experimental study (No. 2019-01-0952),” SAE Technical Paper, 2019.
23. A Khechekhouche, Mohammed El HadiAttia, Ali Boukhari, MuthuManokar, Z Driss, Boubaker Ben Haoua, MokhtarGhodbane, “Effect of cover thickness on the yield of a solar distiller under the El oued climate,” International Symposium on Technology & Sustainable Industry Development, 2019
24. R Varunkumar, Khechekhouche, A MuthuManokar, “Experimental evaluation of Indirect Solar Cooking Unit Integrated with Thermal System”, International Symposium on Technology & Sustainable Industry Development, 2019



9. Details of Impact Factor of the Publication and H-Index

- A) Range : 0-7.246  
 B) Average : 1.23  
 C) H-Index : 19  
 D) No. In Scopus : 67

10. Sponsored Research (Ongoing / Applied)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details (Lakhs)				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1	Dr. R. Karunanithi	DST-SERB, Delhi	Synthesis and Characterization of ZrO <sub>2</sub> Dispersed Ti, Ti-6Al-4V, Ti-6Al-5V, Ti-6Al-7Nb composite.	18.3	18.3	1	17.3	Ongoing
2.	Mr. Syed Shaul Hameed	Tamilnadu State Council For	Fault diagnosis on single stage helical planetary	0.10	0.10	0.10	0	Completed

		Science And Technology, Chennai.	gear box using machine learning algorithms.					
3.	Dr. M. Thirumurugan (PI) Dr. Shafaat Ahmed Mr. Salahudeen (Co-PI)	Tamilnadu State Council For Science And Technology, Chennai.	Analysis of bio polymer coated on banana and colocasia leaves for packaging applications	-	-	--	-	Applied
4	Dr. S. RasoolMohideen (PI) Dr. M. Thirumurugan (Co-PI)	Indo Asean Project 2019-2020"	Metal Additions of Polylactic Acid (PLA) Composite Filament for 3D Bio Medical Devices	-	-	-	-	Applied
5	Dr.M.Thirumurugan (PI) Dr.S.Ravikumar (Co-PI)	Tamilnadu State Council For Science And Technology, Chennai.	Effects of Cognitive Style Learning on theory and problem solving courses for engineering students through eye tracking	-	-	-	-	Applied
6	Dr.S.Ravikumar (PI) Dr.V.Muralidharan (Co-PI)	Tamilnadu State Council For Science And	Effects of Cognitive Style Learning on theory and problem solving courses for	-	-	-	-	Applied

		Technology, Chennai.	engineering students through eye tracking					
7	Dr. S. RasoolMohideen (PI) Dr.H.Siddhi Jailani(Co-PI)	DST	Fund for Improvement of S&T Infrastructure (FIST)					Applied

#### 11. Details of Special Research Laboratories Created

S. No.	Name of the Lab	Details of Infrastructure		Value of Equipment procured in the Financial Year 2019-20
		Land	Construction Space	
1.	Friction Materials Lab	300 sq. m.	200 sq. m.	Rs.12,60,682.00
2.	Professional Welding Lab	500 sq. m.	300 sq. m.	Rs.20,23700.00
3.	Robotics Lab	1940 sq. m.	110 sq. m.	Rs.1.2 Cr

#### 12. Details of Major Equipment Purchased

S. No.	Name of the Equipment	Make & Country	Date of purchase	Amount in (Rs.)	Working Status	
					Yes	No
1	PWT Welding Setup	Fronius, India	15.03.2020	20,23700	Yes	-
2	Chase Testing Machine	Pyramid Precision Engineering, India	20.09.2019	12,60,682	Yes	-
3	<i>Ansys software</i>	<i>Ansys Academic Multiphysics Campus Solution,India</i>	16.02.2020	22,05000	Yes	-

### 13. Patents (Obtained / Applied)

S. No.	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1.	Fault Reduction in bulk material handling bucket elevator using advanced Arduino control systems.	√			NIL
2.	Machining performance of cryogenically treated copper 2 wt.% – Beryllium alloy electrode	√			NIL

### 14. Achievements of Staff

S. No.	Name of the Faculty/ non-teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Dr. A. Muthu Manokar	Academic Professional Icon Award	IEI TVLC 3 <sup>rd</sup> Annual General Meeting and TISLA Award by The Institution Of Engineers India, Thiruvalluvar Local Center	16 <sup>th</sup> November 2019
2	Dr. A. Muthu Manokar	Young Faculty Research Award	BSACIST- Faculty Award	5 <sup>th</sup> September 2019

3	Dr. A. Muthu Manokar	Research Incentive Scheme of BSACIST	BSACIST- Faculty Award	5 <sup>th</sup> September 2019
4	Dr. M.A. Sai Balaji	Research Incentive Scheme of BSACIST	BSACIST- Faculty Award	5 <sup>th</sup> September 2019
5	Mr. J. Mahashar Ali	Research Incentive Scheme of BSACIST	BSACIST- Faculty Award	5 <sup>th</sup> September 2019
6	Dr. Dr. H. Siddhi Jailani	Research Incentive Scheme of BSACIST	BSACIST- Faculty Award	5 <sup>th</sup> September 2019

#### 15. Achievements of Students:

S. No.	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Mr. Sivamagadev Mr. SuhailDiaudin Syed Mr. Ranjith Kumar Mr. Sridhar	180021601088 180021601093 180121601023 180091601023	Four students from the School of Mechanical Sciences won the MECHATHON "The Race" a Go cart Design contest held on December 14, 2019 at Bangalore.	St-rate School of Design (a France based Design School)	14.12.2019
2	Mr Syed Mohammed Salman Habib Mr. Gnapathy Vishal	150021601172 150021601045 180021601110	Secured Second Position in the SAE Tractor Design Competition for Durability consecutively in	SAE India Southern section	15.2.2020 to 16.2.2020

Mr. Mohan Raj.S	160021601121	2019		
Mr. Musthafa Ali Khan	150021601160			
Mr. Srinivasan.S	180021601088			
Mr. Sivammagadev.M	170021601066			
Mr. Mohammed AshafaqAhamed				

#### 16. Developmental Activities

S. No.	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Organized one day workshop on Tractor Design Competition.	15.02.2020	Faculty - 3 Student - 33	To gain the knowledge in Tractor relevant Design	To understand and apply on Basic Design concepts, Basic engine subcomponents related to tractor parts.
2	Seminar & Training conducted- "Lean Six Sigma for Career Excellence"	03.02.2020	Faculty - 1 Student - 43	To gain knowledge in Lean Six Sigma for Career Excellence	To understand the Lean Six Sigma for Career Excellence

### 17. Industry / Institute Collaboration

S. No.	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1.	Basil Energetics Pvt. Ltd	Consultancy Work	July 2019	Ongoing		CFD Analysis of pump impeller

### 18. Society Activities

S. No.	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1	ISHRAE	Guest Lecture on Patenting system in India & Patentability criteria – was held on 05.11.2019	14	20	34	Mr. C.N. Shashidhara Deputy Controller of Patents & Designs Patent Office, Chennai	To know about the Patenting system in India & Patentability criteria	The society organizes various programs to provide the industrial and practical experience to the students to meet the industrial requirements effectively
2	SME in collaboration with SAE,	Inauguration of society activities was held on	25	270	5	Mr. G. Albert Einstein, CEO & President, EinNel Technologies	Keynote lecture by guest emphasized the	Reports on the student activities conducted by various clubs of the

	ASME & ISHRAE	29.8.2019					future trends and expectations of the industry	department are announced and they are motivated to organize more events.
3	SAE	Organized one day workshop on Tractor Design Competition on 15.2.2020.	1	33	-	Mr. Muthukumar, SAE India Southern section	To understand and apply on Basic Design concepts, Basic engine subcomponents related to tractor parts.	To understand the basic concepts, working principles of tractor design

#### 19. Extension Activity Conducted

S. No.	Type of extension activity	Details of Participants			Details of beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1	Crescent Blood Donors	1	54	-	The team also has a tie up with other NGO's in Chennai and across Tamil Nadu.	06.09.2019	Fulfill the emergency blood needs for Needy at Free cost



## 20. Important Visitors

S. No.	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Dr. AbdElnabyKabeel	Vice-Dean for Postgraduate Studies and Research, Faculty of Engineering, Tanta University, Tanta, Egypt	Guest Lecture on importance of energy materials and real applications.	To build important connections between what they are learning and the real application.
2	Dr. Mohamed Gebreel	Professor, Egypt-Japan University of Science and Technology (E-JUST), Egypt.	Guest lecture on “New Super-elastic Ti-Nb-Ta-Zr alloys for Bio-medical Applications” for the UG, PG, research scholars and faculty members.	To understand the applications of bio-material.
3	Dr Ahmed Al Mashany	Chairman, Samharam Private School, Salalah, Sultanate of Oman.	Visited the department and interacted with the faculty members.	To do collaborative research works with international university.

21. Any Other Information - Mr. A. Muthu Manokar and Mr. M. Pervaz Ahmed completed their Ph.D. degree during this academic year.



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Academic Professional Icon Award – 2019 received by Dr.A.Muthu Manokar from Institution of Engineers, Thiruvallur Local Centre.



Guest Lecture delivered by Dr. AbdElnabyKabee, Vice-Dean for Postgraduate Studies and Research,  
Faculty of Engineering, Tanta University, Tanta, Egypt.



Four students from the School of Mechanical Sciences won the MECHATHON "The Race" a Go cart Design contest held on December 14, 2019 at Bangalore.

## DEPARTMENT OF AEROSPACE ENGINEERING

### 1. New Programmes Started

S.No	Name of Programme	Month & Year of Introduction	Details of Approval			
			Board of Studies	Academic Council	BOM	AICTE/UGC
1	M.Tech Avionics	Aug 2019	yes	yes	yes	yes

### 2. Value Added Programmes Started

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Hyperview on A.I on Artificial Intelligence	Monday & Friday	40 hrs	Prag Robotics Research Chennai, Tamilnadu			

### 3. Details of Field visits organized by the department

Sl. No	Participant Details				Name of accompanied faculty	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1	B.Tech Aeronautical Engineering	VII, V, III	A	69	Dr.Ashoke Gosh	Startup Yaan the Indian Space Startup Ecosystem, IITM Research Park, Chennai,	31.08.2019	Gathered information on howtoinitiate a start up	No
2	B.Tech Aeronautical Engineering	VII, V, III	A	69	Mr. S Karthikeyan Mr. S V Karthikeyan Mr. Arul	CSIR-Structural Engineering Research Center (CSIR-SERC), Chennai	06.10.2019	Able to experience the testing facilities for aerodynamics and structural application	No

3	B.Tech Aeronautical Engineering	VII, V	A	54	Mr. Arul Mrs. Nanthini	Visited HAL & Taneja Aerospace Aviation Ltd, Bangalore.	14th & 15th Oct 2019	Able to experience the testing facilities for aero dynamics and structural application	No
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- CSIR (SERC):



HAL Museum



Taneja Aerospace & Aviation Limited.



4. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Miniaturization Technologies	National Seminar	22 <sup>nd</sup> Aug 2019	collaboration with Aeronautical Society of India	Dr.Jayakumar Venkatesan CEO&MD VallesMarineris Intl Pvt.Ltd (SpaceAgency),Chennai	8	110	1	40



2	CUBSATE	Workshop	2 <sup>nd</sup> & 3 <sup>rd</sup> Mar 2020	Collaboration with Aviocian Ltd., Delhi	Mr. A. J. Arun Jeyaprakash Director & CEO Aviocian Technologies	3	40	2	13
3	An overview of present and Future trends in Aerospace research	Webinar	20.06.2020		Dr. J. V. Muruga Lal Jeyan Project and Research Advisor Aerospace Aiipltech - Mumbai and Spain		49		99

- Organised National seminar on “Miniaturization Technologies” in collaboration with Aeronautical Society of India on 22<sup>nd</sup> Aug 2019 at BSACIST, Chennai.



- Conducted Two Day hands-on Workshop “CUBSATE” in collaboration with Aviocian Ltd., Delhi on 2<sup>nd</sup> & 3<sup>rd</sup> Mar 2020 at BSACIST, Chennai.



5. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Confernece / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1	National seminar Miniaturization Technologies	One day	Rs 44,960/-	
2	Workshop CUBSATE	Two days	Rs 25,000/-	
3	Guest Lecture	One day	Rs 3000/-	

## 6. Conferences / FDP / Seminars / Workshops Attended

Sl. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs)
1	Mr.S.Karthikeyan	Moodle Learning management system training	National	01.05.2020	IIT Bombay & MHRD India	
2	Mr.S.Karthikeyan	Wind tunnel pressure measurement and inference	National	03.05.2020	Tamilnadu Engineering College Faculty Welfare Association (TNECFWA)	
3	Mr.S.Karthikeyan	3D Printing Applications	National	09.05.2020	Sai Ram Institute of Technology Chennai	
4	Mr.S.Karthikeyan	Importance of DMU in aviation (Digital Mockup)	National	09.05.2020	Tamilnadu Engineering College Faculty Welfare Association (TNECFWA)	

5	Mr.S.Karthikeyan	Introduction to Computational Fluid Dynamics	National	10.05.2020	Tamilnadu Engineering College Faculty Welfare Association (TNECFWA)	
6	Mr.S.Karthikeyan	Aerospace technical publication-an overview	National	13.05.2020	Bannari Amman Institute Of Technology Sathyamangalam.	
7	Mr.S.Karthikeyan	Fundamentals of Scanning Electron Microscope and its Applications	National	28.05.2020	Carl Zeiss India Pvt. Ltd.	
8	Mr.S.Karthikeyan	International Conference of Materials and Manufacturing Methods 2019 (MMM19)	International	05.07.2019	National Institute of Technology, Trichy	
9	Mr.S.Karthikeyan	National Conference on Innovative Trends	National	August 29 & 30,2019	Parisutham Institute of Technology and	

		in Future Engineering and Technology			Science, Thanjavur	
10	Mr.S.Karthikeyan	International Conference on Advances in Materials Processing and Characterization (ICAMPC-2019)	International	Sep 10 & 11,2019	Bannari Amman Institute of Technology Sathyamangalam Tamilnadu	
11	Mr.S.Karthikeyan	National Conference on Aerospace Engineering Research	National	October 4 & 5,2019	Chandigarh University Punjab	
12	Mr.S.Karthikeyan	National Conference on Recent Developments In Aerospace & Defense Technology	National	21-22 Feb, 2020	Hindustan Institute of Technology & Science Chennai	
13	Mr.S.Karthikeyan	International Conference on Empowering Engineering and	International	March 12 & 13,2020	Parisutham Institute of Technology and Science, Thanjavur	

		Technology				
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7. Papers Published/ Presented in Journals & Conferences(Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
						6		

8. Details Of Publication In National & International Journals & Conferences: (IEEE Format)

International Journal&National Journal

SCI/Scopus Indexed Journal

- Magesh. M, Jawahar. P.K, “Aerodynamics of Drones with Auxetic Landing Gears During Perching Conditions”, *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, ISSN: 2278-3075, Volume-9 Issue-2S4, December 2019
- A Karthik, R Karunanithi, SA Srinivasan, M Prashanth, “The optimization of squeeze casting process parameter for AA2219 alloy by using the Taguchi method”, *Materials Today: Proceedings Elsevier*, online 23 November 2019. [<https://doi.org/10.1016/j.matpr.2019.10.136>]
- A Karthik, R Karunanithi, SA Srinivasan, M Prashanth, “Microstructure and mechanical properties of AA 2219-TiB2 composites by squeeze casting technique”, *Materials Today: Proceedings Elsevier*, online 21 November 2019.[<https://doi.org/10.1016/j.matpr.2019.10.143>]

- S Ali, R Karunanithi, M Prashanth, MA Rahman, "X-ray peak broadening on microstructure, and structural properties of titanium and Ti-6Al-4V alloys", *Materials Today: Proceedings Elsevier*, online 26 October 2019.[<https://doi.org/10.1016/j.matpr.2019.09.137>]
- S Karthikeyan, M Subramanian, Ashoke Ghosh, M Prashanth, R Karunanithi,"Micro hardness and corrosion properties of A390 alloy+ x vol.% zirconium dioxide (ZrO<sub>2</sub>) composites processed by P/M method", *International Journal of Microstructure and Materials Properties*, online 17 October 2019. [<https://doi.org/10.1504/IJMMP.2019.103174>]
- SP Venkatesan, PN Kadiresh, N Beemkumar, "Combustion, performances, and emissions characteristics of diesel engine fuelled with diesel-aqueous zinc oxide nanofluid blends", *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis*, online: 19 Sep2019. [<https://doi.org/10.1080/15567036.2019.1666933>]

9. Sponsored Research (Ongoing / Applied)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1	PI - Dr.P.N.Kadiresh CO-PI – SriNithyaMahottmannada	Aeronautical Research & Development Board, DRDO	Development of Hybrid Rocket Motor	9,79,300				Ongoing

2	Dr. R.Karunanithi	SERB(TARE)	Synthesis and Characterization of ZrO <sub>2</sub> Dispersed Ti, Ti-6Al-4V, Ti-6Al-5V, Ti-6Al-7Nb composite	15 lacs	-	-	-	Ongoing
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#### 10. Details of Major Equipment Purchased (Financial year 2019-20)

S.No	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs	Working Status	
					Yes	No
1	3D Experience software with license of 30 nos have been purchased	France	20 <sup>th</sup> Jan 2020	Rs 5,13,772/-		Order has been placed for installation of the software in process

#### 11. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Vanchhit Kumar Dubey	160091601016	All INDA GATE Examination	40 got admission in IISC Bangalore	March 2020



## 12. Society Activities

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1	Aeronautical Society of India	New Membership cards		69		NIL		

## 13. Important Visitors

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Dr. G. Balamurugan	Principal Scientist and Group Head, NAL, Bangalore	BOS	Curriculum & Syllabus updation
2	Mr. Sivam Raman	Rtd Scientist, ADE, Bangalore	BOS	Curriculum & Syllabus updation
3	Dr .K. M. Paramasivam,	Professor, Aerospace Engg Dept., MIT Campus, Anna University, Chrompet, Chennai.	BOS	Curriculum & Syllabus updation

## DEPARTMENT OF AUTOMOBILE ENGINEERING

### 1. Value Added Programmes Conducted

S. No	Name of the programme	(From – To)	Course Duration (hrs.)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	“HyperView on A.I.” on Artificial Intelligence. Designed for non-IT, non-Computer science students, with industry focus on Automotive, Aerospace, Manufacturing, Healthcare, Stock Market	Jan - Jun 2020	40 hrs.	Prag Robotics Research Chennai, Tamilnadu	25		

### 2. Seminars Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	Surface Engineering	Guest Lecture	03.02.20	-	Dr. S. Mohan, Chief Scientist, Electroplating and Metal Finishing Technology, CSIR-	10	110	Nil	Nil

					CECRI, Karaikudi – 630003				
2.	Automotive Materials	Guest Lecture	10.02.20	-	Dr. R. Rajendran, Professor, SRM Institute of Science and Technology, Kattankulathur, Chennai	10	115	Nil	Nil
3	Workshop on Two-wheeler maintenance	Workshop	13.02.20	Mahindra & Mahindra Ltd & TVS Motors Ltd	Mr. P.B. Binnu, Senior Engineer, Power Train, Mahindra & Mahindra Automobile, Chennai & Mr. R. Balakrishnan, Head-Two-Wheeler Training, Southern Section, TVS Motor, Chennai	10	120	Nil	Nil
4	Advanced Engine Technologies	Guest Lecture	11.03.20	-	Mr. T. GomathiSankar, Mechanics Engineer-FEA, R&D, Valeo India Pvt. Limited, Chennai	10	75	Nil	Nil

### 3. Conferences / FDP / Seminars / Workshops Attended

S.No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Financial support received from the institution (Rs)
1	Dr. ASHOKE GHOSH	"Aerospace & Defense Manufacturing Technologies"	Conference	05th July 2019	CII, Chennai	
		"An Overview of Present & Future Trends in Aerospace Research"	Webinar	20th Jun 2020	BSACIST	
		"How Venture Capital Works (The Middle East Experience)"	Webinar	13 <sup>th</sup> Jun 2020	BSACIST	
		"NASA Small Spacecraft Technology & Kepler Mission Programme"	Webinar	10th Jun 2020	BSACIST	
		"Emerging Online Education Post Covid-19"	Virtual Conference	10th Jun 2020	BSACIST	

		"Ethics & Values of Alhaj Dr. B. S. Abdur Rahman"	Webinar	09th Jun 2020	BSACIST	
		"Crisis is Opportunity"	Webinar	30th May 2020	United Economic Forum	
		"Six Sigma White Belt" certification	Webinar	23rd May 2020	BSACIST	
		"Basics of 3D Printing Technologies and its Applications"	Webinar	21st May 2020	BSACIST	
		"Artificial Intelligence/ Machine Learning/ Deep Learning"	Workshop	20th May 2020	BSACIST	
		"Electric Vehicles"	Webinar	15th May 2020	BSACIST	
		"10 Steps to Becoming an Entrepreneur"	Webinar	13th May 2020	BSACIST	
		"Decoding Examinations During and Post Covid-19"	Webinar	8th May 2020	BSACIST	
		"Blue Ocean Strategy in the Time of Covid-19"	Webinar	7th May 2020	BSACIST	

		"How to Overcome Challenges and Boost Admissions during Covid-19"	Webinar	5th May 2020	BSACIST	
		"Project Management Mindset for Startups"	Webinar	2 <sup>nd</sup> May 2020	BSACIST	
2	Mr.T.R.TAMILARASAN	Online Workshop on Towards Achieving Carbon Neutrality	Workshop	29th May 2020	Vellore Institute of Science & Technology, Chennai	-
		Online FDP in Application of Moodle LMS	FDP	11 - 25 Jun 2020	BSACIST & DYP Patel Engineering College, Pune	-
		International Webinar on "Recent Trends in Materials Science"	Webinar	18th Jun 2020	BSACIST	-
3	Mr .C.K.ARVINDA PANDIAN	Scientific Writing for Journals	Online Workshop	20th May 2020	Springer Nature	-
4	Mr. DINESH KUMAR. C	Active Safety Enhanced Braking System with Driver Condition Monitoring for	Conference	12th Dec 2019	ICRTMME, CIT, CHENNAI	-

		Passenger Vehicles				
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4. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

<i>National Conference</i>		<i>International Conference</i>		<i>National Journal</i>		<i>International Journal</i>		<i>Total</i>
<i>with ISBN</i>	<i>Others</i>	<i>with ISBN</i>	<i>Others</i>	<i>SCI/Scopus Indexed</i>	<i>Others</i>	<i>SCI/Scopus Indexed</i>	<i>Others</i>	
			1			8		9

5. Details of Publication in National & International Journals /Conferences: (IEEE Format)

International Journal & National Journal

SCI/Scopus Indexed Journal:

- C. K. Arvinda Pandian & H. Siddhi Jailani, “Dynamic and vibrational characterization of natural fabrics incorporated hybrid composites using industrial waste silica fumes”, International Journal of Polymer Analysis and Characterization, Vol. 24, No. 8, 721–730, 2019.
- Pandian, A. and Jailani, S., “Development and Investigation of Jute/Linen Fibre Reinforced Polymer Composite,” SAE Technical Paper 2019-28-0171, 2019.
- Raj Rajendran, Tiruvannamalai Rajendra Prasad Tamilarasan, Veeramalai Palaniappan Balaji, Venugopal Azhagarsamy., “Corrosion and Corrosive Wear of Steel for Automotive Exhaust Application”, SAE Technical Paper 2019-28-0178, 2019.

- Dinesh Kumar C, “Security and Privacy Preserving for Patient’s E-Health Care Applications”, Test Engineering and management system, Volume 82, 1781-1786, 2020.
- Dinesh Kumar C, “Analysis of thermal, dynamic and mechanical properties of hybrid alovera/hemp FRE bio-composites”, Materials Today, Elsevier, Volume 22, Part 3, 970-975, 2020
- Dinesh Kumar C and C K Arvinda Pandian, “On board Driver Monitoring System with Safety Enhanced Brake System” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019.
- Dinesh Kumar C “Generation of Electrical Energy for Charging Of a Battery by Using Exhaust Gas Energy” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-10 August 2019
- Dinesh Kumar C “Automatic Emergency Braking System using Hydraulic Actuator for Preventing Road Accidents” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6, August, 2019

International Conference& National Conference:

Other Conferences:

- C Dinesh Kumar and C K Arvinda Pandian “Active Safety Enhanced Braking System with Driver Condition Monitoring for Passenger Vehicles”, International Conference on Recent Trends in Mechanical and Materials Engineering, Chennai, December 2019

#### 6. Details of Impact Factor of The Publication and H-Index

A) Range: 0.24 – 1.8 B) Average: 0.98 C) H-Index: 4 D) No. In Scopus: 7



7. Details of Testing / Consultancy works & amount generated

S.No.	Details of Testing / Consultancy work	Date of receipt of order	Date of report submission	Amount received (Rs.)	Faculty involved	Status
1	Pin on disc wear testing facility	-	-	20,000/-	Dr. T.R.Tamilarasan	Completed

8. Book Published

S. No	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	£		
1	Mr.J. Sudagar, Mr.R.Muraliraja, Mr.T.R.Tamilarasan, Mr.U. Sanjith	Book Name - Electroless Nickel Plating: Fundamentals to Applications; Chapter Name - Electroless Composite Coatings	-	141	CRC Press (Taylor & Francis Group) – 359-409, 26 Nov 2019, ISBN 9781138605800	Yes

9. Patents

S.No	Title	Details of Patents			Details of Financial Assistance from Institution
		Filing	Publishing	Granted	
1	Dinesh Kumar C "Automatic Hand brake release	Filed	-	-	-

	during ignition” Application no. 201941042366 Dated 18.10.2019				
2	Dinesh Kumar C “Active Enhanced Brake system for Automobile” Application no. 201941042367 Dated 18.10.2019	Filed	-	-	-
3	C. K. Arvinda Pandian "Joy tab steering" Application No. 201941042365 Dated 18 Oct 2019	Filed	-	-	-

#### 10. Developmental Activities

S. No	Details of developmental activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Electric vehicles, including solar-powered and connected vehicles	2-3 yrs.	Dr. Ashoke Ghosh & Mr. C.Dinesh Kumar	To provide a practical platform for students to understand and build electric, solar-powered, connected and driverless vehicles	First Phase

### 11. Industry / Institute Collaboration

S. No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1	Mahindra & Mahindra Ltd., Chennai & TVS Motors Ltd, Chennai.	Study related	February 2020	One day event completed		For the benefit of students'to gain knowledge on current trends in the industry

### 12. Professional Society Activities

S. No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Students	Others			
1	Crescent Society of Automobile Engineers	National Level Technical Symposium "SHARYO"	7	Internal -110 External -30	-	Mr. P. Arjun Raj, Manager, Research & Development, PSA AVTEC, Power Train Pvt. Ltd., Hosur	Skill development	-

### 13. Important Visitors

<i>S.No</i>	<i>Name of the visitor</i>	<i>Affiliation Details</i>	<i>Purpose of visit</i>	<i>Expected Outcome</i>
1	Dr. S. Mohan, Chief Scientist	Electroplating and Metal Finishing Technology, CSIR-CECRI, Karaikudi	Guest Lecture - Visited all the Surface Engineering Lab to know the facilities available.	Appreciated and Suggested some points for improvement
2	Mr. R. Balakrishnan Division Head	Two-Wheeler Training, Southern Section, TVS Motors Ltd, Chennai	Guest Lecture - Visited all the Surface Engineering Lab to know the facilities available	Collaboration in student's projects
3	Mr. P.B. Binnu Senior Engineer	Power Train, Mahindra & Mahindra Automobile Ltd, Chennai	Guest Lecture - Visited all the Surface Engineering Lab to know the facilities available	Collaboration in student's projects

## DEPARTMENT OF POLYMER ENGINEERING

### 1. Details of Field visits organized by the department

Sl. No	Participant Details				Name of faculty Organized the event	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1	B.Tech Polymer Engineering	IV & VI	-	30	Dr.Shamshath Begum Mrs.R.Daulath Banu	Formulated Polymers, Sriperumbudur, Chennai	13.03.2020	Students were exposed to firsthand experience in the compounding of plastic materials and also manufacturing of plastic products.	Yes
2	B.Tech Polymer Engineering	III & V	-	30	Mr.Basanta Kumar Behera Dr.S.Shamshath Begum, Mrs.J.Shahitha	Fenner India Ltd, Sriperumbudur, Chennai	25.07.2019	Students were exposed to firsthand experience in the manufacturing of various rubber	Yes

					Parveen Mr.D.Murali Manohar			products and the tool room.	
3.	Industry Visit by Faculty Members	Faculty members of the Departme nt	-	No.of Faculty - 04	Dr.Shafaat Ahamed Accompanied by Dr.S.Shamshath Begum, Mr.D.Muralimanohar Mrs.K.P.Sindhu	L & T, Chennai	26.07.2019	Purpose of visit is to discuss regarding consultancy work.	-



Students at Formulated Polymers, Chennai for industrial visit





Students at Fenner India Ltd, Sriperumbudur, Chennai for industrial visit





Faculty members of the Department of Polymer Engineering visited L&T, Chennai

2. Conferences / FDP / Seminars / Workshops Organized: 02

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Student
1.	Webinar on	Webinar	12 <sup>th</sup> June	Office of	Mr.Mahmood Ali	7	50	-	-

	“Applications of Polymers in Construction – Past and Future Trends”		2020	Alumni Relations	Ismail, (Alumni, batch 2014) Polymer Engineer, FORSOC Division, Boodai Trading Company, Kuwait				
2.	Webinar on “E-bio Fuel Cell Powered Vehicle”	Webinar	23 <sup>rd</sup> June 2020.	Office of Alumni Relations	Dr.Mohammed Hussain, (Alumni, batch 2006), Research Scientist, Nissan Motor Corporation, USA	7	50	-	-

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**Office of Alumni Relations**  
*in association with*  
**Department of Polymer Engineering**

Join our Upcoming  
**▶ WEBINAR #7**  
ON

**Applications of Polymers in Construction – Past and Future Trends**

**SPEAKER**

  
**Mr. Mahmood Ali Ismail**  
(B.Tech Polymer, 2014 Batch)  
Polymer Engineer, FORSOC Division,  
Boodal Trading Company, Kuwait

**CONVENER**

  
**Dr. K. Ganesh**  
Director, Office of Alumni Relations  
BSA Crescent Institute of Science and Technology  
Chennai

**COORDINATORS**

**Mr. John Mathew**  
Alumni Coordinator  
Office of Alumni Relations

**Mrs. J. Shahitha Parveen**  
Alumni Faculty Coordinator  
Department of Polymer Engineering

**ERI | 12<sup>th</sup> JUNE 2020**

 **3:00 PM (IST)**  
to **4:00 PM**

Scan to Register Today!  


Register here: <https://forms.gle/F1JZBFLxibB97nhQ7>

The screenshot shows a Webex meeting window. At the top, the menu bar includes 'Webex Meetings', 'File', 'Edit', 'Share', 'View', 'Audio', 'Participant', 'Meeting', 'Window', and 'Help'. The status bar shows 'Cisco Webex Meetings' and 'Connected'. Below the menu is a row of participant thumbnails for Hussain Jabbar, Dr. Ganesh K, SUPRAJA SRINIV., and Revathi Purushot... The main area displays a presentation slide with the following text:

**E-bio Fuel Cell Powered Vehicle**

Dr. Mohammed Hussain Abdul Jabbar

June 23<sup>rd</sup>, 2020

To the left of the slide is a small image of a white van with 'E-bio Fuel Cell' branding. To the right is a 'Participants (55)' list with a search bar and names such as Harish Gudi, HP, humaiddh1999, husainchhatariya19816, Ishaque Mohammed, Jananie T, kapra.themaster, Keerthana Ravinderan, Keerthika Balasubramanian, kulothungan S, M.Reshma, mahendranm10051, and MOHAMED MUFEETH N.



## International Alumni Webinar #10

### Office of Alumni Relations

*in association with*

### Department of Polymer Engineering

# “ E-bio Fuel Cell Powered Vehicle ”

#### SPEAKER

### DR. MOHAMMED HUSSAIN

Research Scientist

Nissan Motor Corporation, USA  
(B. Tech Polymer, 2006 Batch)



#### MODERATOR

**Dr. K. Ganesh**

Director - Office of Alumni Relations  
BSA Crescent Institute of Science and  
Technology, Chennai

#### Convenors

**Dr.S.Rasool Mohideen,**  
Professor and Dean  
School of Mechanical Sciences

**Dr.S.S.M Abdul Majeed,**  
Professor and Head,  
Department of Polymer Engineering

#### Coordinators

**Mr. John Mathew**  
Alumni Coordinator  
Office of Alumni Relations

**Mrs.J. Shahitha Parveen**  
Alumni Faculty Coordinator  
Department of Polymer Engineering

**23<sup>rd</sup> JUNE 2020**  
TUESDAY 🕒 4:00 pm - 5:00 pm (IST)

Scan to  
Register  
Today!



### 3. Conferences / FDP / Seminars / Workshops Attended

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details Sponsorship amount received
1.	Ms. Sindhu K P	How to identify Research Problem, Write HQ Research Papers and Proposals	Workshop	14.02.2020	Office of Dean (Research) & Director (ESPAC), BSACIST	NIL
2.	Ms. Sindhu K P	Oneday workshop on "Friction Material Concepts-Electronic braking system"	Workshop	28.08.2019	School of Mechanical Sciences, BSACIST, Chennai	
3.	Ms. Sindhu K P	ICT Enabled Faculty Development Programme on "Engineering Graphics"	FDP	09.07.2019.	FTA & School of Mechanical Sciences, BSACIST, Chennai	
4.	Ms. Sindhu K P	7 days FDP in Nanotechnology, Science and Applications	FDP	Aug-Oct 2019	IIT Madras	
5.	Ms. Sindhu K P	10 Days FDP in Introduction to	FDP	Aug-Nov	IIT Roorkee	

		Polymer Physics		2019		
6.	Ms. Sindhu K P	Mould Design & Bio Polymer	Webinar	11.7.2020	IPI, Chennai Chapter	
7.	Ms. Sindhu K P	Fundamentals of Effective Scientific Writing: Manuscripts and Grants	Webinar	09.06.2020	American Chemical Society India	NIL
8.	Ms. Sindhu K P	Various project opportunities for DST funding - Strategies on International cooperation	Webinar	23.05.2020	FTA, BSACIST, Chennai	
9.	Ms. Sindhu K P	"Materials for Energy Harvesting and Catalysis"	Virtual Conference	06.05.2020	Tata Institute of Fundamental Research, Pune	
10.	Ms. Sindhu K P	"New-Generation Materials for Energy Applications"	National Conference	21 & 22.10.2019.	Physics Department, BSACIST	
11.	Ms. Sindhu K P	"Power Electronic Drives for Electric Vehicles"	National seminar	10.10.2019	EEE Department, BSACIST	
12.	Ms. Sindhu K P, Dr. Shafaat Ahmed Mrs.Salahudeen	Smart Energy System for Renewable Energy	Seminar	30.07.2019	School of ECE & Office of ESPAC	
13.	Dr. Shamshath Begum, Mrs Shahitha Parveen	10 Steps to Become an Entrepreneur	Webinar	13th May 2020.	CIIC, BSACIST	

14.	Dr. Shamshath Begum,	Access upto Rs.8 Crores Govt Grant in collaboration with Global Partners	Webinar	14th May 2020.	BSACIST	
15.	Mrs. Shahitha Parveen	Levers of Digital Industry	Webinar	20 <sup>th</sup> May 2020	Library, BSACIST	
16.	Dr. Shamshath Begum, Mrs. Shahitha Parveen, Mrs. R Daulath Banu	Strategies for Low Budget Research	Webinar	May 20 <sup>th</sup> 2020	CIIC, BSACIST	
17.	Mrs.Shahitha Parveen	Basics of 3D Printing Technologies & Its Industrial Applications	Webinar	May 21 <sup>st</sup> 2020	BSACIST	
18.	Mrs Shahitha Parveen	Library Resources and Research	Webinar	21 <sup>st</sup> May 2020.	Incredible Additive manufacturing Pvt ltd, Pune, BSACIST	
19.	Dr. Shamshath Begum, Mrs Shahitha Parveen , Mr D Murali Manohar, Mrs. R.Daulath Banu	Start-up Story: Turms - Nano-tech Enabled Advanced Apparels Makes Your Life Proof	Webinar	22 <sup>nd</sup> May 2020.	CIIC, BSACIST	
20.	Dr. Shamshath Begum, Mrs Shahitha Parveen, Mr D Murali Manohar	Various project opportunities for DST funding	Webinar	23 <sup>rd</sup> May 2020.	ESPAC and HR &FTA, BSACIST	NIL



21.	Mr. D Murali Manohar	Fundamentals of Injection Molding Machinery	Webinar	23.06.2020	Indian Plastics Institute, Chennai	NIL
22.	Dr. Shamshath Begum, Mrs Shahitha Parveen, Mrs. R.Daulath Banu	7 days Faculty Development Program on Beyond Academic Excellence – A Reality Show	FDP	25 <sup>th</sup> – 31 <sup>st</sup> May 2020.	Nallamuthu Gounder Mahalingam College, Coimbatore	
23.	Dr. Shamshath Begum, Mrs. Shahitha Parveen, Mrs. R.Daulath Banu	Build a Start-up like a Corporate	Webinar	28 <sup>th</sup> May 2020.	Crescent Innovation Incubation Council, BSACIST	
24.	Dr. Shamshath Begum, Mrs. Shahitha Parveen, Mrs. R Daulath Banu	International three days Faculty Development Programme on “Recent Advances in Nanomaterials”	FDP	4 <sup>th</sup> -6 <sup>th</sup> June. 2020	Department of Science, St. College of Engineering, Chennai	
25.	Mrs. Shahitha Parveen	Strategies for Recombinant Protein Production in E-coli”	Webinar	8 <sup>th</sup> June 2020.	CIIC, BSACIST	
26.	Mrs. Shahitha Parveen	How venture Capitals Work – The Middle –East Experience	Webinar	13 <sup>th</sup> June 2020.	CIIC, BSACIST	

27.	Mrs. Shahitha Parveen	Five days international webinar series on Futuristic of Medicinal and Materials Chemistry (FMMC -2020)	Webinar	9 <sup>th</sup> -13 <sup>th</sup> June 2020	Department of Chemistry, BSACIST
28.	Mrs. Shahitha Parveen	Four days' workshop on MS-Excel	Workshop	17 <sup>th</sup> June - 20 <sup>th</sup> June 2020.	District Institute of Education and Training
29.	Mrs. Shahitha Parveen	international webinar on Green Energy and Technology (GET 2020)	Webinar	19 <sup>th</sup> June 2020.	Department of Chemistry, King's engineering College, Chennai
30.	Dr. Shamshath Begum, Mrs. Shahitha Parveen	"Scientific Writing for Journals"	Online workshop	20 <sup>th</sup> May 2020.	Springer Nature
31.	Mrs. Shahitha Parveen	Supercapacitive Swing Absorption and Extreme Chemistry for Phase Transformation	Webinar	22 <sup>nd</sup> and 23 <sup>rd</sup> June.	BSACIST
32.	Mrs. Shahitha Parveen	Acoustic Emission Characterization of Failure modes in lap joints	Webinar	16 <sup>th</sup> June 2020	Office of Alumni Relations, BSACIST

33.	Mrs. Shahitha Parveen	How to crack Bank exam	Webinar	26 <sup>th</sup> June 2020.	Centre for competitive exams, BSACIST	NIL
34.	Mrs. Shahitha Parveen, Mrs.Sindhu K P	Electrochemical applications	Webinar	29 <sup>th</sup> and 30 <sup>th</sup> June 2020.	Department of Chemistry, BSACIST	
35.	Mrs. Shahitha Parveen	Principles and fabrication of electrodes for electrochemical sensor applications	Webinar	30 <sup>th</sup> June.2020	Department of Chemistry, Latha Mathavan College, Madurai	
36.	Mrs. Shahitha Parveen	five days virtual workshop on Analytical Instrumentation from	Workshop	5 <sup>th</sup> to 9 <sup>th</sup> July	Department of Chemistry	
37.	Dr. Shamshath Begum, Mrs. R Daulath Banu, Mrs. Shahitha Parveen	“Tamil Peravai”	Workshop	31 <sup>st</sup> July 2019.	Department of Arabic and Islamic Studies	
38.	Dr. Shamshath Begum, Mrs Shahitha Parveen	Author workshop	Workshop	30 <sup>th</sup> July 2019.	Office of Library, BSACIST	
39.	Dr. Shamshath Begum, Mrs Shahitha Parveen, Mrs. R Daulath Banu, Mrs. Sindhu K P	Two days’ workshop on Writing for Research Purpose	Workshop	19 <sup>th</sup> - 20 <sup>th</sup> July 2019.	Office of Research, BSACIST	

40.	Mrs. R Daulath Banu	Faculty Development Program in Collaboration with ACCA and CIMA.	FDP	4 <sup>th</sup> – 10 <sup>th</sup> March 2020.	Department of Commerce, School of Social Science and Humanities, BSACIST	NIL
41.	Mrs.R Daulath Banu	Two Days Workshop on “Islamic Psychology”	Workshop	19th and 20th February 2020	Department of Arabic and Islamic Studies	
42.	Mrs.R Daulath Banu	“BIRAC’S Role in creating the start -up innovation Ecosystem”	Webinar	29 <sup>th</sup> May 2020.	CIIC	
43.	Mrs.R Daulath Banu	“How India is going to become world's choice for manufacturing”	Webinar	29 <sup>th</sup> May 2020	IPI Chennai Chapter	
44.	Mrs.R Daulath Banu	“Ethics & values of the founder”	Webinar	9 <sup>th</sup> June 2020.	FTA, BSACIST	
45.	Mrs.R Daulath Banu	“Applications of Polymers in construction - Past and future trends”	Webinar	12 <sup>th</sup> June 2020.	Office of Alumni relations,BSACIST	
46.	Dr. Shafaat Ahmed, Mrs. Salahudeen, Mrs. R Daulath Banu	E-bio Fuel cell powered vehicle	Webinar	23 <sup>rd</sup> June 2020.	Office of Alumni relations,BSACIST	

						NIL
47.	Mr. D. Murali Manohar	Why and How to write papers, proposals for Research, Projects, patents and consultancy	Workshop	21.04.2020	Centre of Energy, Sponsored project, Integrated Research and Consultancy, BSACIST	
48.	Mr. D. Murali Manohar	Enable the Smart Design & Intricate Geometries for Optimal Plastic Part for Additive Manufacturability	Workshop	21.04.2020 - 23.04.2020	Indian Plastics Institute, Mumbai	
49.	Mr. D. Murali Manohar	Industry 4.0	Workshop	08.05.2020	TiE Chennai & Protocol India	
50.	Mr. D. Murali Manohar	Tyre Technology – Basics & Future Trends	Workshop	26.04.2020	Indian Rubber Institute	
51.	Mr. D. Murali Manohar	Online Teaching and Branding	Seminar	25.04.2020	Dept of ECE, BSACIST	
52.	Mr. D. Murali Manohar	Intellectual Property Rights an Overview	Seminar	01.05.2020	FTA, BSACIST	
53.	Mr. D. Murali Manohar	Communication Skill for Faculty	Seminar	26.04.2020	FTA, BSACIST	

54.	Mr. D. Murali Manohar	Business opportunities and challenges post COVID	Seminar	07.05.2020	Indian Plastics Institute, Mumbai	NIL
55.	Mr. D. Murali Manohar	Design Thinking	Seminar	12.05.2020	Pandit Deendayal Petroleum University	
56.	Mr. D. Murali Manohar	3D Printing Technologies & Its Industrial Applications	Seminar	21.05.2020	School of Mechanical Sciences, BSACIST	
57.	Mr. D. Murali Manohar	Research Ethics	Seminar	07.05.2020	FTA, BSACIST	
58.	Mr. D. Murali Manohar	Introduction to Leadership from the Emerging Future	Seminar	02.05.2020	FTA, BSACIST	
59.	Mr. D. Murali Manohar	Improving Research Planning at Technical Institutes	Seminar	28.04.2020	Elsevier & VTU Consortium	
60.	Mr. D. Murali Manohar	FPL's Learning Series - I Plastics - Flame Retardancy	Workshop	15.07.2020	Formulated Polymers, Chennai	
61.	Mr. D. Murali Manohar	Application of Moodle LMS	Workshop	11.07.2020 - 25.07.2020	BSACIST, DYP College of Engineering, Intellect Infinity, JMI, New Delhi	

62.	Mr D Murali Manohar	Turnitin online on campus	Workshop	04.05.2020	Guru Nanak Institute of Management Studies	
63.	Dr. Shafaat Ahmed Salahudeen	All about Patent and intellectual property	Webinar	26th April, 2020	CIIC, BSACIST	NIL

4. Details of Impact Factor of The Publication and H-Index

A) Range: B) Average: C) H-Index: 12 D) No. In Scopus:

5. Sponsored Research (Ongoing / Applied): ONE

6. Details of Testing / Consultancy works & amount generated

Sl. No.	Details of Testing / Consultancy work	Date of receipt of order	Date of report submission	Amount received (Rs.)	Faculty involved	Status
1.	Testing of Samples during the whole year	-	--	Rs.3,16,000/- (Revenue generation through Testing)	Mr.D.Muralimanohar Mr.Basanta Kumar Behera & Mr.G.John(Lab Technician)	Completed

7. Book Published: 01

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	\$		
1	S. S. M. Abdul Majeed	Polymer Nanocomposites in Biomedical Engineering / Amorphous and Semicrystalline Thermoplastic Polymer Nanocomposites Applied in Biomedical Engineering	15,725	209	Springer, Cham, Switzerland	Print ISBN978-3-030-04740-5  Online ISBN978-3-030-04741-2

8. Achievements of Staff:

S. No	Name of the Faculty/ Non- teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Mrs. Shahitha Parveen	Certification of Appreciation in online quiz competition "Test your knowledge on Plagiarism"	Office of Dean Research, BSACIST	May 2020.
2.	Mrs. Shahitha Parveen	Certification of Achievement in National level English Language	Department of Humanities and Applied Science, Aurora's	June 2020.



		Proficiency	Technological and Research Institute, Hyderabad	
3.	Dr. Shamshath Begum, Mrs.R Daulath Banu	Certificate of Appreciation for libre office suite spoken tutorial courses for the duration July 2019-Dec 2019	BSACIST	December 2019

### 9. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Abbas S V, Kevin AdamsEbenezer Sriram Srinivasan	170131601001 170131601004 170131601009 170131601009	First Prize in technical paper presentation	CIPET, Chennai	27 <sup>th</sup> September 2019
2.	Abbas S V, Kevin Adams Ebenezer Sriram Srinivasan	170131601001 170131601004 170131601009 170131601009	First Prize in technical Poster Presentation	CIPET, Chennai	27 <sup>th</sup> September 2019
3.	Kevin Adams Ebenezer Sriram Srinivasan	170131601004 170131601009 170131601009	Second Prize in Technical quiz	Department of Polymer Engineering, CIPET, Chennai	27 <sup>th</sup> September 2019

4.	KevinAdams Ebenezer	170131601004	Haiku – Second Prize	Litfest 2019, BSACIST	5 <sup>th</sup> September 2019
5.	Sriram Srinivasan	170131601009	First Prize/ Triple Threat/Participated	Litfest 2019, BSACIST	5 <sup>th</sup> September 2019
6.	Sriram Srinivasan	170131601009	Third/ Elevator Pitching/Participated	Litfest 2019, BSACIST	5 <sup>th</sup> September 2019
7.	Sriram Srinivasan	170131601009	Third/ Ship bate/Participated	Litfest 2019, BSACIST	5 <sup>th</sup> September 2019
8.	Aprajith. K	170131601002	First/ Participated/ Elocution	Department of Islamic studies, BSARCIIST	27 <sup>th</sup> -28 <sup>th</sup> August 2019
9.	Mr.Arun kumar and Mr.Naveed Ahamed	Final year students	First Prize in Poster Presentation	Department of Chemical Engineering, Agni College of Engineering, Chennai	29 <sup>th</sup> February 2020
10.	Daisee, Sanjay Nathan, Yuvaraj, Swamynathan, M.Fahad Sriram Srinivasan	170131601003, 170131601007, 170131601015, 180131601006, 180131602002 170131601009	Featured in Crescent Student Start-up Compendium	CIIC, BSACIST	5 <sup>th</sup> February 2020



Students Receiving Prize in technical events held at CIPET, Chennai



Students

Receiving Prize in technical events held at CIPET, Chennai



POCO  
 SHOT ON POCO F1

### SIH IDEATION: WARM PATIENT MATTRESS

Cold on skin discomfort to patient during medical imaging procedures increases the negative patient outcome due to this cold temperature, patients may activate **“brown” fat** at contact surface which contains adrenergic receptors and generates heat by metabolizing glucose. This can show up on scans and potentially hide true “wounds or tissue damage” in positron emission tomography (PET).



#### TEAM: UNION

Student: Daisee (Team leader), Sanjay Nathan, Yuvaraj, Samynathan, Sriram, Fahad  
 Mentor : Dr. Shafaat



#### Features of the special mattress

1. Compatible with PET, CTI & MRI Scan
2. Easy comfort for the patients
3. 25 – 40°C (Automatic control system)

## 10. Developmental Activities

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1.	Guest Lecture by Mr.Suresh Damodaran Head - OHT, R&D Asia Apollo Tyres Ltd, Chennai	3 hours	All the students of 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> year B.Tech Polymer Engineering and Faculty members	To equip students with the practical knowledge of Tyre manufacturing, Processing and Casting of tyre manufacturing.	Students gained indepth knowledge on Tyre-Materials, Process and Casting.
2.	Guest Lecture by Mr.Raghunath, Sree Mothers Plastic Ltd, Chennai	3 hours	All students and faculty members of Department of Polymer Engineering	To equip students with advance Polymer materials through industry experts.	Students gained indepth knowledge on Emerging Materials: The Rise of Polymer Nanocomposites
3.	Mr.R.Stalin General Manager KTC group, Chennai	3 hours	All students and faculty members of Department of Polymer Engineering	To equip students with advances in Paint and Surface	Students gained indepth knowledge on Paints and

				coating through industry expert.	Surface Coatings
4.	Mr. D.Prasanna Polyhose India PvtLtd Chennai	3 hours	All students and faculty members of Department of Polymer Engineering	To equip students with advancement in Rubber hose manufacturing processes through industry expert	Students gained indepth knowledge on Rubber Hose Manufacturing Processes and their applications



Mr.Raghunath delivering guest lecture for Polymer Engineering Students



Mr.Suresh Damodaran delivering lecture on Tyre manufacturing for Polymer Engineering Students





Mr.Stalin delivering lecture on Tyre manufacturing for Polymer Engineering Students



Mr.D. Prasanna of Polyhose delivering lecture on Tyre manufacturing for Polymer Engineering Students

## 11. Industry / Institute Collaboration

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1.	CUMI, Murugappa goup, Chennai	Consultancy work on material development	March 2020		-	Department is connected with industry and funds are generated through consultancy
2.	Fenner India Ltd, Chennai	Industrial visit and inplant Training for students	July 2019		-	Department is connected with Polymer industry and students visited the industry.
3.	Polyhose India Pvt Ltd, Chennai	Industrial visit	March 2020		-	Department is connected with Industry and arranged for an industrial visit.

12. Professional Society Activities : Two guest lectures were arranged by industry experts through IPI, Chennai

### 13. Important Visitors

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1.	Mr. Arul Selvan	Manager, L&T Technology Services	Department visit for Research and consultancy collaboration.	Research and consultancy collaboration.
2.	Mr.Suresh Damodaran	Head - OHT, R&D Asia Apollo Tyres Ltd, Chennai	Guest Lecture	Industrial visit and Project collaboration.
3.	Mr.R.Stalin	General Manager KTC group, Chennai	Guest Lecture	Project collaboration.
4.	Mr.D.Prasanna	Polyhose India Pvt.Ltd Chennai	Guest Lecture	Industrial visit and Project collaboration

## **SCHOOL OF LIFE SCIENCES**

## SCHOOL OF LIFE SCIENCES

### 1. Value Added Programmes Conducted

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Food technology	Jan- June2020		Hi Rise Food Tech	100	3	
2	Computational Biology	Jul- December 2019		Dr. Mukesh Doble, IIT, Madras	100	3	

### 2. Training Programmes Offered

S.No	Name of the programme	Duration (From –To) July 2019 – June 2020	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Online Faculty Development Programme on“Multiomics And Traditionalapproaches To Combat Covid-19/ Virus Outbreak”	21 <sup>st</sup> May to 3 <sup>rd</sup> June 2020	4hrsx14 days= 56 hrs	Tamil Nadu State Council for Science and Technology TNSCST	-	19	14

2	Four day's Short Term Training Programme on Algal Culturing Techniques and Biotechnology (STPACTB)	17- 20, December 2019	7hrsx 4 days= 28 hrs	-	15	-	-
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### 3. Interdisciplinary Programmes Conducted/online courses conducted

S. No	Name of Programme	Other departments involved	Details of Participants			Programme Outcome
			Students	Faculty	Others	
1	Online Certificate Courses – Phase I	Launched on 27th April 2020	9533	-	-	Students gained virtual knowledge on various streams of Life sciences including Cancer Biology, Molecular Cloning, Microbial Applications in Daily Life, Nano Robotics, Plant Tissue Culture, Immunology, COVID 19
2	Online Certificate Courses – Phase II	Launched on 13th May 2020	126	-	-	Students gained virtual knowledge on various

						streams of Life sciences including <i>C.elegans</i> an in-vivo model system, Nano Emulsions and its applications, Forensic Science, CRISPR-Cas 9 technology and its applications, Protein folding and stability, Oncoinformatics/cancer informatics, Neuropharmacology, Algal culture and its applications, Species identification by molecular techniques, Animal cell culture.
3	NEET Mock Test Series	Launched Series I on 25th April 2020 & Series II on 27th April, 2020	35	-	-	NEET Mock test for +2 students



#### 4. Details of Field visits organized by the department

Sl. No	Participant Details				Name of faculty Organized the event	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec	No. of Students					
1	Bioinstrumentation and Bioprocess technology	III B.Tech	A	43	Dr.Wasima.M	Bioscience Research foundation, Sengadu, Chennai	11 <sup>th</sup> March 2020	Training is useful for the students to get exposed to latest techniques in Biotechnology	-
2	Bioinstrumentation and Bioprocess technology	III	B	42	Dr.Shazia Jamal	Bioscience Research foundation, Sengadu, Chennai	11 <sup>th</sup> March 2020	Training is useful for the students to get exposed to latest techniques in Biotechnology	-

3	Bioinstrumentation and Bioprocess technology	III	C	37	Dr.Neesar Ahmed	Bioscience Research foundation, Sengadu, Chennai	11 <sup>th</sup> March 2020	Training is useful for the students to get exposed to latest techniques in Biotechnology	-
4	Bioinstrumentation and Bioprocess technology	II B.Tech	A	44	Dr.Soumen Bera	Bioscience Research foundation, Sengadu, Chennai	11 <sup>th</sup> March 2020	Training is useful for the students to get exposed to latest techniques in Biotechnology	-
5	Marine and Aquaculturing techniques	B.Tech II		44	Dr.Soumen Bera	Asian Analytical Laboratories Ltd, ECR, Mandavai, Chennai	04 <sup>th</sup> Feb 2020	Training is useful for the students to get exposed to latest techniques in Marine	-

								Biotechnology	
6	Marine and Aquaculturing techniques	B.Tech III	A, B, C	122	Dr.Wasima.M Dr.Shazia Jamal Dr.Neesar Ahmed	Asian Analytical Laboratories Ltd, ECR, Mandavai, Chennai	04 <sup>th</sup> Feb 2020	Training is useful for the students to get exposed to latest techniques in Marine Biotechnology	-
7	Industrial visit to Reserve Forest, Cochin	IV B.Tech IIIB.Sc	A, B, C	122+25	Dr.Karthikeyan .R Dr.Ashok Kumar.P	Reserve Forest, Cochin	14.10.2020	Explored Different Species of Plants, Fungi, Lichens, Spices.	-
8	Industrial visit to Central Marine Fisheries Research Institute (CMFRI) Cochin	III B.Tech III B.Sc	A, B, C	122+25	Dr.Karthikeyan .R Dr.Ashok Kumar.P	Central Marine Fisheries Research Institute (CMFRI) Cochin	15.10.2020	Marine aquaculturing, Cage Faming, Ornamental fish breeding, Shrimp	-

								Culturing.	
9	Industrial visit to Wonder la, Cochin	III B.Tech III B.Sc	A, B, C	122+25	Dr.Karthikeyan .R Dr.Ashok Kumar.P	Wonder la, Cochin	16.10.2020	Water treatment plant & Other processing.	-

#### 5. Conferences / FDP / Seminars / Workshops Organized

##### International Conference

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants	
						BSACIST	
						Faculty	Students
1	International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches	International Conference	25th – 27th June , 2020	Association of Cancer Education and Research (ACER) W. M. Keck Center for Cellular Imaging,	1.Dr.Ammasiperiasamy WM Keck Center for Molecular Imaging, University of Virginia, USA 2.Dr. Raji Sundararajan Purdue University, USA 3.Dr.AnandhiUpendran University of Missouri, USA	12	327

				University of Virginia, USA & TamilNadu State Council for Science & Technology (TNSCST)	4.Dr. Govind Srimathveeravalli University of Massachusetts, USA 5.Dr. Ashish Kulkarni, University of Massachusetts, USA 6.Dr.Raghuraman Kannan University of Missouri, USA 7. Dr. A. Suresh Kumar CSIR CLRI, Adyar, Chennai. 8. Dr. K.Anbarasu CSIR CFTRI, Mysuru. 9.Dr. Mohammad Nasiruddin Anand Diagnostic Laboratory, Bangalore.		
2	International Conference on Recent trends in Bionanotechnology	International Conference	Febraury 18 & 19 ,2020	Supported by TamilNadu State Council for Science &	Dr. K.Jagan, Islet Transplant Lab Virginia Commonwealth University	12	82

	gy, Energy & Environment (ICBEE 2020)			Technology (TNSCST)	Richmond, VA, USA Dr. R. Jayakumar, Mandapam Regional Centre ICAR – Central Marine Fisheries Research Institute, (CMFRI) Marine Fisheries, Mandapam, India Dr. M. Gajendran, Division of Bioengineering Incheon National University Republic of Korea Dr. S. Ravikumar Department of Biomedical Sciences Alagappa University Karaikudi, India Dr. V. Sivasubramanian Director ,Physcospectrum Environmental Research Centre		
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					Chennai, India Dr. Bharathi, GrowmoreBiotech, Chennai, India		
3	International Conference on Application in Biotechnology & Nanotechnology (ICBN 2019)	International Conference	Oct 30 & Sep 1, 2019	Sponsored by TNSCST (Govt. of India)	Dr.WilsonArunai Dr.Nagamani Bora Dr.Christopher Taylor Barry Dr.Ramesh Dr.Vasudevan Dr.MohammedNazeeb Dr.SathiyaRajeswaran Ms.Shakila	23	173

International & National Level seminars/ webinars

S.No	Details of the programme	Duration Days / Hrs.	Details of Collaborating Agency & Resource Person	Details of Participants			Outcome
				Students	Faculty	Others	
1	Online event on World Microbiome Day 2020 - Quiz	27th June, 2020 24 hours	Dr.S.Hemalatha Dr.Ashok Kumar.P	589	22 (College Faculty) +35	-	Participants gained knowledge and importance of Microbiome through

					(Teacher s)+2 (Medical profession als)		attending World Microbiome day Quiz this year on the theme Diversity. This helped studentsto understand diversity of Microbes, habitats, applications to connect microbiome.
2	Online event on World Sickle Cell Awareness Day 2020– Quiz .	19th June 2020 24 hours	In association with Winpath Lab &Healthcare, Unnat Bharath Abhiyan. Dr.S.Hemalatha Dr.Ashok Kumar.P	439	88	41	Created awareness on Sickle cell anemia and related research.
3	Online event on Desertification and Drought Day 2020 - Quiz	Launched on 17th June 2020 24 hours	In association with Unnat Bharat Abhiyan (UBA), MHRD &Annavarshini Food LLP, Chennai Dr.S.Hemalatha	246	44	41	Created awareness on desertification and its impact on economic status of the country.



			Dr.Ashok Kumar.P				
4	Online event on World Brain Tumour Day Quiz	9th June 2020 24 hours	In association with Winpath Lab & Healthcare, Unnat Bharath Abhiyan Dr.S.Hemalatha Dr.Ashok Kumar.P	35	4	2	Created awareness on Brain tumor.
5	World Environment Day 2020 – Quiz	5th June 2020 24 hours	In association with Unnat Bharat Abhiyan (UBA), MHRD Dr.S.Hemalatha Dr.Ashok Kumar.P	928	227	60	Created Awareness on World Environment.
6	Webinar on "Future Perspectives in Biotechnology"	11 <sup>th</sup> & 12th June 2020 2 days	In association with Unnat Bharat Abhiyan (UBA), MHRD Dr.S.Hemalatha Dr.Ashok Kumar.P	1139	331	42	Participants gained knowledge through different sessions of the webinars on Symptomatic and asymptomatic diseases, Wastewater Treatment, Tele-

							counseling, Disaster Management, Disease Diagnosis, Mushroom Nutraceuticals and Terrace Gardening.
7	Webinar on "Bioinformatics: Scope and Applications"	18 <sup>th</sup> & 19 <sup>th</sup> May ,2020	Association of Cancer Education & Research (ACER) & Crescent Bioinformatics Association in association with Tamilnadu State Council for Science & Technology (TNSCST) Dr.S.Hemalatha Dr.Subhamoy Baneerjee. Dr.S.Sudarkodi.	25	3	-	Participant gained knowledge on Resource & Database, Bioinformatics Tools & Analysis.Also got better understanding on Application of Bioinformatics on COVID19, Protein structure visualization in PyMol and Immunoinformatics

8	Webinar on "Applications of Real-Time PCR for Rapid Diagnosis of Communicable and Non- Communicable Diseases"	4th May 2020	Dr.Soumen Bera	423	151	-	Participants gained knowledge on applications of Real time PCR for disease diagnostics.
9	Webinar on "Recent Advances and Applications of Biotechnology"	4thMay 2020	Dr.Soumen Bera	-	198	43	Through the virtual session knowledge was shared on the advancement in biotechnological techniques.  Session! Recombinant DNA Technology and its application in Biotechnology including techniques on Molecular Cloning, Polymerase Chain Reaction

							(PCR), Plant Tissue Culture, Microbial Applications. Session II: Molecular Diagnostics, Gene Therapy, Enzyme-linked immunosorbent assay for rapid detection of diseases (ELISA).
10	Online event on World IPR Day -Quiz	26th April 2020	Unnat Bharat Abhiyan (UBA) Dr.S.Hemalatha Dr.Ashok Kumar.P	4686	1639	410	Knowledge dissemination on IPR through conduct of quiz.
11	Online Quiz on Covid-19	19th April 2020	Unnat Bharat Abhiyan (UBA) Dr.S.Hemalatha Dr.Ashok Kumar.P	2389	688	379	Created awareness on COVID19 .
12	Special seminar was organized on Recent advances in	August 2019	University of Massachusetts	80	-	-	He shared his views on Recent advances

	biotechnology.		Dr. Govind from the Australian National University was the resource person.				in biotechnology and Future opportunities for research in Biotechnology in overseas universities.
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iii. Workshops Organized:

S. No	Details of the programme	Duration Days / Hrs.	Details of Collaborating Agency & Resource Person	Details of Participants			Outcome
				Students	Faculty	Others	
1	Workshop on "Food Safety, GMP and HACCCP	29th & 30th June 2020	Resource Person Ms. Ramya Kannan CEO Hi-Rise Food Tech Lab.	1	3	1(Siddha Doctor)	Students and Faculty members gained knowledge on Food Safety, GMP and HACCCP.
2	National Workshop on Medicinal mushroom technology.	January 30-31, 2020	Sponsored by Tamil Nadu State Council for	9	5	-	Students and Faculty members gained hands on experience by

			Science and Technology (TNSCST)				visiting Mushroom cultivation farm for real time experience.
3	One day workshop on "BIOINFORMATICS"	2nd July 2019	Crescent Bioinformatic association	35	2	-	School Students gained knowledge on Computational tools to explore Biology through computational approach.

6. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities (for membership fees / organizing events) etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1	International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches	25th – 27th June 2020	Association of Cancer Education and Research (ACER) W. M. Keck Center for Cellular Imaging, University of Virginia,	Students presented their research work and reviews on Cancer even during this lock down period.

			USA &TamilNadu State Council for Science & Technology (TNSCST)	It was a wonderful opportunity for the students to listen to the information shared by eminent speakers from India & Abroad.
2	International Conference on Recent trends in Bio- nanotechnology, Energy &Environment (ICBEE 2020)	February 18 & 19 ,2020	Supported by TamilNadu State Council for Science & Technology (TNSCST)	Selected papers were accepted for publication in 1. Inorganic and Nano Metal Chemistry (Taylor and Francis, Impact Factor: 0.685). 2. Nano-Structures and Nano-Objects (Elsevier, CiteScore: 4.25)
3	International Conference on Application in Biotechnology & Nanotechnology (ICBN 2019)	Oct 30 &September 1, 2019	Sponsored by TNSCST (Govt. of India)	The selected papers were peer-reviewed and published in UGC- CARE listed/SCOPUS

				indexed journals
4	National Workshop on Medicinal mushroom technology	January 30-31, 20202 days	Sponsored by Tamil Nadu State Council for Science and Technology (TNSCST)	TNSCST sponsored Hands on training and Real time experience by visiting Mushroom cultivation farm.

#### 7. Conferences / FDP / Seminars / Workshops Attended

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Financial support received from the institution (Rs)
1.	Dr.S. Hemalatha	Annual Meeting of the Electrostatic society of America 2019	International	June 10-12,2019	Electrostatics society of America, Rochester,	-



					NewYork, USA	
2.	Dr.S. Hemalatha	International Conference on Sustainable Technologies for Industrial Waste Management and Bioenergy	International	August 7-9, 2019	SRMIST, Chennai	-
3.	Dr.S. Hemalatha	International Conference on emerging areas of biotechnology for human welfare and bioenterpreneurship (ICEBHE 2018)	International	September 11-12 , 2019	BSACIST, Chennai	-
4.	Dr.S. Hemalatha	National conference on biotechnological advances in biomedical, environmental and agricultural technology	National	13th September, 2019	Hindustan college, Chennai	-
5.	Dr.S. Hemalatha	DBT sponsored National Seminar on “Marine Natural Products and as Pharmaceutical agents”	National	17th & 18th September, 2019	Sathyabama University, Chennai	-

6.	Dr.S. Hemalatha	11th BABS National Conference on climate change driven challenges on Indian biodiversity:innovativesolutions for sustainable development	National	September 25-27, 2019	Pondichery University	-
7.	Dr.S. Hemalatha	International Conference on Emerging Trends in Eco green Technology	International	27 <sup>th</sup> Sep,2019	Prince Shri Venkateswara college, Chennai	-
8.	Dr.S. Hemalatha	National Conference on Environment and Food sustainability.	National	27 <sup>th</sup> Sep,2019	Gurunanak center for research and Indian Science congress, Chennai	-
9.	Dr.S. Hemalatha	National Conference on impact of biotechnology in improving human health	National	27 <sup>th</sup> Sep,2019	SRM arts and science college	-
10.	Dr.S. Hemalatha	International Conference on Applications of Biotechnology and Nanotechnology	International	September 30 & October 1,2020	BSACIST	-
11.	Dr.S. Hemalatha	International Conference on recent trends in	International	February 18 - 19, 2020	BSACIST	-

		Bionanotechnology, Energy and Environment				
12.	Dr.S. Hemalatha	Webinar on "Recent advances and applications of biotechnology"	State	May 2, 2020	BSACIST	-
13.	Dr.S. Hemalatha	Webinar on "Applications of Real-Time PCR for Rapid Diagnosis of Communicable and Non-Communicable Diseases"	State	May 4 & 5, 2020	BSACIST	-
14.	Dr.S. Hemalatha	Two days virtual workshop on Biotechniques for extraction of metabolites from plant and algal sources	National	May 11 & 12, 2020	Kalasalingam university	-
15.	Dr.S. Hemalatha	Webinar on "Bioinformatics: Scope and Applications"	State	May 18 & 19, 2020	BSACIST	-
16.	Dr.S. Hemalatha	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
17.	Dr.S. Hemalatha	Webinar on Future Perspectives in Biotechnology	State	June 11 & 12, 2020	BSACIST	-
18.	Dr.S. Hemalatha	Virtual International	International	June 25- 27,	BSACIST	-

		Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR) 2020		2020		
19.	Dr.S. Hemalatha	Virtual One day seminar on Pathogenesis and prevention of Zoonotic diseases to celebrate World Zoonoses Day	International	July 6, 2020	BSACIST	-
20.	Dr.S. Hemalatha	Webinar on Emotional Well-Being During E-Learning	State	July 14, 2020	BSACIST	-
21.	Dr.S. Hemalatha	Webinar on Overview of Viral Hepatitis	State	July 28, 2020	BSACIST	-
22.	Dr.S. Hemalatha	Virtual Training Program on Microbial Biofilm: Current Research and Applications	International	July 23 - 29, 2020	BSACIST	-
23.	Dr.R. Karthikeyan	International conference on Applications of Biotechnology and Nanotechnology	International	September 30 & October 1, 2020	BSACIST	-
24.	Dr.R. Karthikeyan	International Conference on Sustainable Technologies for Industrial Waste Management	International	August 7-9, 2019	SRMIST	-

		and Bioenergy				
25.	Dr.R. Karthikeyan	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-
26.	Dr.R. Karthikeyan	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCT) 2020	International	June 25- 27, 2020	BSACIST	-
27.	Dr.R. Karthikeyan	Virtual One day seminar on Pathogenesis and prevention of Zoonotic diseases to celebrate World Zoonoses Day	International	July 6, 2020	BSACIST	-
28.	Dr.R. Karthikeyan	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
29.	Dr.R. Karthikeyan	Virtual Training Program on Microbial Biofilm: Current Research and Applications	International	July 23 - 29, 2020	BSACIST	-
30.	Dr.P Ashok Kumar	International Conference on Applications of Biotechnology	International	September 30 &October	BSACIST	--

		and Nanotechnology		1,2020		
31.	Dr.P Ashok Kumar	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-
32.	Dr.P Ashok Kumar	Webinar on "Recent advances and applications of Biotechnology"	State	May 2, 2020	BSACIST	-
33.	Dr.P Ashok Kumar	Webinar on "Applications of Real-Time PCR for Rapid Diagnosis of Communicable and Non-Communicable Diseases"	State	May 4 & 5, 2020	BSACIST	-
34.	Dr.P Ashok Kumar	Webinar on "Bioinformatics: Scope and Applications"	State	May 18 & 19, 2020	BSACIST	-
35.	Dr.P Ashok Kumar	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
36.	Dr.P Ashok Kumar	Webinar on Future Perspectives in Biotechnology	State	June 11 & 12, 2020	BSACIST	-
37.	Dr.P Ashok	Virtual International	International	June 25- 27,	BSACIST	-

	Kumar	Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCT) 2020		2020		
38.	Dr.P Ashok Kumar	Virtual One day seminar on Pathogenesis and prevention of Zoonotic diseases to celebrate World Zoonoses Day	International	July 6, 2020	BSACIST	-
39.	Dr.P Ashok Kumar	Webinar on Overview of Viral Hepatitis	State	July 28, 2020	BSACIST	--
40.	Dr.Neesar Ahmed	International Conference on Emerging Areas Of Biotechnology For Human Welfare And Bioenterpreneurship (ICEBHE 2018)	International	September 11-12 , 2019	BSACIST	-
41.	Dr.Neesar Ahmed	International Conference on Applications of Biotechnology and Nanotechnology	International	September 30 & October 1, 2020	BSACIST	-
42.	Dr.Neesar Ahmed	International Conference on recent trends in	International	February 18 - 19, 2020	BSACIST	-

		Bionanotechnology, Energy and Environment				
43.	Dr.Neesar Ahmed	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
44.	Dr.Neesar Ahmed	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCT) 2020	International	June 25- 27, 2020	BSACIST	-
45.	Dr.Md. Khurshid Alam Khan	International Conference on Emerging areas of Biotechnology for Human welfare And Bioenterpreneurship (ICEBHE 2018)	International	September 11- 12 , 2019	BSACIST	-
46.	Dr.Md. Khurshid Alam Khan	International Conference on Applications of Biotechnology and Nanotechnology	International	September 30 &October 1,2020	BSACIST	-
47.	Dr.Md. Khurshid Alam Khan	International Conference on recent trends in Bionanotechnology, Energy	International	February 18 - 19, 2020	BSACIST	-



		and Environment				
48.	Dr.Md. Khurshid Alam Khan	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
49.	Dr.Md. Khurshid Alam Khan	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR) 2020	International	June 25- 27, 2020	BSACIST	-
50.	Dr.SoumenBera	International Conference on Emerging areas of Biotechnology for Human welfare And Bioenterpreneurship (ICEBHE 2018)	International	September 11- 12 , 2019	BSACIST	-
51.	Dr.SoumenBera	International Conference on Applications of biotechnology and Nanotechnology	International	September 30 & October 1,2020	BSACIST	-
52.	Dr.SoumenBera	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-

53.	Dr.SoumenBera	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
54.	Dr.SoumenBera	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR) 2020	International	June 25- 27, 2020	BSACIST	-
55.	Dr.SoumenBera	Virtual One day seminar on Pathogenesis and prevention of Zoonotic diseases to celebrate World Zoonoses Day	International	July 6, 2020	BSACIST	-
56.	Dr.SoumenBera	Webinar on "Recent advances and applications of biotechnology"	State	May 2, 2020	BSACIST	-
57.	Dr.SoumenBera	Webinar on "Applications of Real-Time PCR for Rapid Diagnosis of Communicable and Non-Communicable Diseases"	State	May 4 & 5, 2020	BSACIST	-
58.	Dr.SoumenBera	Webinar on "Bioinformatics: Scope and Applications"	State	18 & 19 May, 2020	BSACIST	-

59.	Dr.SoumenBera	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
60.	Dr.Shazia Jamal	International Conference on Emerging areas of Biotechnology for Human welfare and Bioenterpreneurship (ICEBHE 2018)	International	September 11-12 , 2019	BSACIST	-
61.	Dr.Shazia Jamal	International Conference on Applications of biotechnology and Nanotechnology	International	September 30 & October 1,2020	BSACIST	-
62.	Dr.Shazia Jamal	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-
63.	Dr.Shazia Jamal	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
64.	Dr.Shazia Jamal	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and	International	June 25- 27, 2020	BSACIST	-

		Approaches (ICBTCT) 2020				
65.	Dr.Sheeza Khan	International Conference on Emerging areas of Biotechnology for Human welfare and Bioenterpreneurship(ICEBHE 2018)	International	September 11-12 , 2019	BSACIST	-
66.	Dr.Sheeza Khan	International Conference on Applications of biotechnology and Nanotechnology	International	September 30 & October 1,2020	BSACIST	-
67.	Dr.Sheeza Khan	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-
68.	Dr.Sheeza Khan	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
69.	Dr.Sheeza Khan	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCT) 2020	International	June 25- 27, 2020	BSACIST	-

70.	Dr.Wasima	International Conference On Emerging areas of Biotechnology for Human welfare And Bioenterpreneurship (ICEBHE 2018)	International	September 11-12 , 2019	BSACIST	-
71.	Dr.Wasima	International Conference on Applications of biotechnology and Nanotechnology	International	September 30 & October 1,2020	BSACIST	-
72.	Dr.Wasima	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-
73.	Dr.Wasima	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
74.	Dr.Wasima	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR) 2020	International	June 25- 27, 2020	BSACIST	-
75.	Dr.Subhamoy	International Conference on	International	September 11-	BSACIST	-

	Banerjee	Emerging areas of Biotechnology for Human welfare and Bioenterpreneurship (ICEBHE 2018)		12 , 2019		
76.	Dr.Subhamoy Banerjee	International Conference on Applications of biotechnology and Nanotechnology	International	September 30 &October 1,2020	BSACIST	-
77.	Dr.Subhamoy Banerjee	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-
78.	Dr.Subhamoy Banerjee	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
79.	Dr.Subhamoy Banerjee	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR) 2020	International	June 25- 27, 2020	BSACIST	-
80.	Dr.Vimal Kumar	International Conference on Emerging areas of	International	September 11- 12 , 2019	BSACIST	-

		Biotechnology for Human welfare and Bioenterpreneurship (ICEBHE 2018)				
81.	Dr.Vimal Kumar	International Conference on Applications of Biotechnology and Nanotechnology	International	September 30 & October 1, 2020	BSACIST	-
82.	Dr.Vimal Kumar	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-
83.	Dr.Vimal Kumar	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
84.	Dr.Vimal Kumar	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCT) 2020	International	June 25- 27, 2020	BSACIST	-
85.	Dr.D. MubarakAli	International Conference on Sustainable Development in Energy and Environment	International	July 18-20, 2019	Kamaraj College of Engineering and Technology,	-

		(ICSDEE'19)			Virudhunagar, India	
86.	Dr.D. MubarakAli	DBT sponsored National Conference on Marine Natural Products and Pharmaceuticals 2019	National	September 15-16, 2019	Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, India	-
87.	Dr.D. MubarakAli	National Conference on Climate changes driven on Indian Biodiversity: Innovative solutions for Sustainable Development	National	September 25-27, 2019	Pondicherry University, Puducherry, India	-
88.	Dr.D. MubarakAli	International Symposium on Biodiversity, Biology, and Biotechnology of Algae (ISBBBA)	International	January 08-10, 2020	University of Madras, Chennai, Tamil Nadu, India	-
89.	Dr.D. MubarakAli	International Conference on Recent Trends in Bionanotechnology, Energy and Environment (ICBEE-	International	Feb 18-19, 2020	B.S.Abdur Rahman Crescent Institute of Science and	-



		2020)			Technology, Chennai, Tamil Nadu, India	
90.	Dr.D. MubarakAli	International Web Conference on "Biotechnology for a Better tomorrow" (WBBT-2020)	International	June 25-27, 2020	Kamaraj College of Engineering and Technology, Virudhunagar, India	-
91.	Dr.Waseem Md.	International Conference on Emerging areas of Biotechnology for Human welfare and Bioenterpreneurship (ICEBHE 2018)	International	September 11-12 , 2019	BSACIST	-
92.	Dr.Waseem Md	International Conference on Applications of biotechnology and Nanotechnology	International	September 30 &October 1,2020	BSACIST	-
93.	Dr.Waseem Md	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-

94.	Dr.Waseem Md	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
95.	Dr.Waseem Md	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR) 2020	International	June 25- 27, 2020	BSACIST	-
96.	Ms.I. Faridha Begum	National Conference on Biotechnological Advances in Biomedical, Environmental and Agricultural Technology	National	13, Sep, 2019	Hindustan College, Chennai	-
97.	Ms.I. Faridha Begum	National Conference on impact of biotechnology in improving human health, ,	National	27-Sep,2019	SRM arts and science college	-
98.	Ms.I. Faridha Begum	Seminar on Emerging Trends in Eco green Technology	National	September 29, 2019.	Prince Shri Venkateswara college	-
99.	Ms.I. Faridha Begum	International Conference on Sustainable Technologies for Industrial Waste Management and Bioenergy	International	August 7- 9,2019	SRMIST	-

100.	Ms.I. Faridha Begum	International Conference on Novel Aspects of Microbial Proficiency in Modern Life	International	22Jan,2020	Shanmuga Industries of Arts and Science College, Thiruvannamalai	-
101.	Ms.I. Faridha Begum	International Conference on Applications of biotechnology and Nanotechnology	International	September 30 &October 1,2020	BSACIST	-
102.	Ms.I. Faridha Begum	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	February 18 - 19, 2020	BSACIST	-
103.	Ms.I. Faridha Begum	Webinar on Future Perspectives in Biotechnology	State	June 11 & 12, 2020	BSACIST	-
104.	Ms.I. Faridha Begum	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR) 2020	International	June 25- 27, 2020	BSACIST	-
105.	Ms.I. Faridha Begum	National Symposium on Recent Headway in	National	5, Feb, 2020	DG Vaishnav college, Chennai	-

		Biotechnology				
106.	Ms.I. Faridha Begum	Webinar on Future Perspectives in Biotechnology	State	June 11 & 12, 2020	BSACIST	-
107.	Ms.I. Faridha Begum	Webinar on Emotional Well-Being During E-Learning	State	July 14, 2020	BSACIST	-
108.	Ms.I. Faridha Begum	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCTR) 2020	International	June 25- 27, 2020	BSACIST	-
109.	Ms.S. Ranjani	International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches.	International	25-27 July, 2020.	BSACIST	-
110.	Ms.S. Ranjani	National Conference on impact of biotechnology in improving human health	National	September 27, 2019	SRM arts and science college.	-
111.	Ms.S. Ranjani	International Conference on recent trends in Bionanotechnology, Energy and Environment BSACISTin	International	18-19, February, 2020	BSACIST	-

		association with University of Missouri, USA				
112.	Ms.S. Ranjani	National Conference on Environment and Food sustainability	National	September 27, 2019.	Gurunanak center for research and Indian Science congress, Chennai	-
113.	Ms.S. Ranjani	Eco green Technology.	National	September 27, 2019.	Prince Shri Venkateswara college, Chennai.	-
114.	Ms.S. Ranjani	National Conference on biotechnological advances in biomedical, environmental and agricultural technology. , Chennai.	National	13th September, 2019.	Hindustan college	
115.	Ms.S. Ranjani	11th BABS National Conference on climate change driven challenges on Indian biodiversity: innovative solutions for sustainable development.	National	September 25-27, 2019.	Pondicherry University	-

116.	Ms.S. Ranjani	International Conference on Sustainable Technologies for Industrial Waste Management and Bioenergy.	International	August 7-9, 2019.	SRMIST	-
117.	Ms.S. Ranjani	Online training on Digital libraries Importance of Research and learning	National	21.05.2020	KNIMBUS & BSACIST	-
118.	Ms.S. Ranjani	Recent Trends In Fish Nutritional Research	National	3rd and 4th July, 2020	Tamil Nadu Dr. J. Jayalalithaa Fisheries University	-
119.	Ms.S. Ranjani	Molecular Taxonomy & Molecular Bar coding Methods	NAtional	20th May, 2020	RD SH Natioanl College, Mumbai	-
120.	Ms.S. Ranjani	Unity and blend among academics and research –The present and the future	International	July 13 <sup>th</sup> - 19 <sup>th</sup> , 2020	Sathyabama Institute	-
121.	Ms.S. Ranjani	Novel Microbes and Newer threats	International	April 20-May 2,2020	Sathyabama Institute	-
122.	Ms.S. Ranjani	Bioinformatics Webinar	International	11-16 May,2020	Sathyabama Institute	-
123.	Ms.S. Ranjani	Emerging Opportunities in Life	International	July 17, 2020.	Atal Bihari	-

		Sciences Research			Vajpayee University, Bilaspur, India	
124.	Ms.S. Ranjani	Various Project Opportunities for DST Funding – Strategies on International Cooperation	National	23.05.2020	BSACIST	-
125.	Ms.S. Ranjani	International Webinar Series on 'Emerging Trends In Energy & Healthcare'	International	25.06.2020-27.06.2020	AnnaiHajira Women's College, Melapalayam, Tirunelveli	-
126.	Ms.S. Ranjani	Webinar Series On World Pandemic	International	11.05.2020-13.05.2020	Ethiraj College for Women	-
127.	Ms.S. Ranjani	International Webinar on Infectious disease	International	01.06.2020	Loyala College	-
128.	Ms.S. Ranjani	International Online Faculty & Student Development Programme on "Translational and Interdisciplinary research in human Diseases Management"	International	24th to 30th July 2020	Sathyabama Institute	-
129.	Ms.S. Ranjani	International Conference	International	25-27th June,	BSACIST	-

		onBasic and Translational Cancer Research: Novel Ideas and Approaches		2020		
130.	Ms.S. Ranjani	Therapeutic Use of Medicinal Plants	National	31.07.2020	TSWRDC Warangal East, Telangana	-
131.	Ms.S. Ranjani	Biofilm: CurrentResearch and Applications organized	National	23rd to 29th July, 2020	BSACIST	-
132.	Ms.S. Ranjani	Multiomics And Traditional Approaches To Combat Covid 19/Virus Outbreak	International	21May to 3 June 2020	BSACIST	-
133.	Dr.C. Simon Durairaj	International Conference on Applications of biotechnology and Nanotechnology	International	30September & 1October,2020	BSACIST	-
134.	Dr.C. Simon Durairaj	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	18 - 19 February, 2020	BSACIST	-
135.	Dr.C. Simon Durairaj	Webinar on "Recent advances and applications of biotechnology"	State	2 May, 2020	BSACIST	-



136.	Dr.C. Simon Durairaj	Webinar on “Applications of Real-Time PCR for Rapid Diagnosis of Communicable and Non-Communicable Diseases”	State	4 & 5 May, 2020	BSACIST	-
137.	Dr.C. Simon Durairaj	Webinar on "Bioinformatics: Scope and Applications"	State	18 & 19 May, 2020	BSACIST	-
138.	Dr.C. Simon Durairaj	Faculty Development Programme	International	May 21 - June 3, 2020	BSACIST	-
139.	Dr.C. Simon Durairaj	Webinar on Future Perspectives in Biotechnology	State	11 & 12 June, 2020	BSACIST	-
140.	Dr.C. Simon Durairaj	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCT) 2020	International	25- 27 June, 2020	BSACIST	-
141.	Dr.C. Simon Durairaj	Virtual One day seminar on Pathogenesis and prevention of Zoonotic diseases to celebrate World Zoonoses Day	International	6 July, 2020	BSACIST	-
142.	Dr.C. Simon	Webinar on Emotional Well-	State	14 July, 2020	BSACIST	-

	Durairaj	Being During E-Learning				
143.	Dr.C. Simon Durairaj	Webinar on Overview of Viral Hepatitis	State	28 July, 2020	BSACIST	-
144.	Mr.Md. Abrar	International Conference on Applications of biotechnology and Nanotechnology	International	30 September & 1October,2020	BSACIST	-
145.	Mr.Md. Abrar	International Conference on recent trends in Bionanotechnology, Energy and Environment	International	18 - 19 February, 2020	BSACIST	-
146.	Mr.Md. Abrar	Webinar on "Recent advances and applications of biotechnology"	State	2 May, 2020	BSACIST	-
147.	Mr.Md. Abrar	Webinar on "Applications of Real-Time PCR for Rapid Diagnosis of Communicable and Non-Communicable Diseases"	State	4 & 5 May, 2020	BSACIST	-
148.	Mr.Md. Abrar	Faculty Development Programme	International	21 May – 3 June , 2020	BSACIST	-

149.	Mr.Md. Abrar	Webinar on Future Perspectives in Biotechnology	State	11 & 12 June, 2020	BSACIST	-
150.	Mr.Md. Abrar	Virtual International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR) 2020	International	25- 27 June, 2020	BSACIST	-

Workshops Attended:

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Financial support received from the institution (Rs)
1.	Dr. S. Hemalatha	Two day virtual workshop on Plant Bioinformatics	National	11-12 July, 2020	Department of Biotechnology, School of Bio and Chemical Engineering, Kalasalingam Academy of research and Education. Krishnankoil	-

2.	Dr. Ashok Kumar P	National workshop on Socially Relevant Technical Education: Exploring cooperation oriented Action	National	6-7 Dec 2019	Indian Institute of Technology (IIIT) Sri City Chittoor and National Institute of Technical Teachers Training and Research (NITTTR), Chennai	-
3.	Dr. SoumenBera	Two Days virtual workshop on Biotechniques for extraction of metabolites from plant and algal sources	National	11-12 May, 2020	Department of Biotechnology, School of Bio and Chemical Engineering, Kalasalingam Academy of research and Education. Krishnankoil	-
4.	Dr. D. MubarakAli	Two days online course on the Essence of Research methodology	State	16-17 May, 2020	Department of Economics, Jamal Mohammed College, Tiruchirappalli, India	-
5.	Dr. D. MubarakAli	One day online orientation course on New Engineering Materials	State	6 May,2020	Department of Science & Humanities, Er. Perumal Manimekalai College of Engineering, Hosur, India	-
6.	Dr. D. MubarakAli	One day Faculty	State	11 May,2020	Dr.M.G.R Educational and	-

		Development Program on challenges in building collaborations in research and innovation (Unique Certificate Number :MGR052001539FDP)			Research Institute, Chennai, India	
7.	Dr. D. MubarakAli	AICTE sponsored Short Term Training Program on Challenges and Prospects of Biofuel and Bioenergy	National	11-16 Nov, 2019	St. Joseph College of Engineering (Affiliated to Anna University), Chennai - 600059, Tamil Nadu, India	-
8.	Dr. D. MubarakAli	Workshop on Cheminformatics for College Teachers	Local	12October,2019	Dept. of Chemistry, Madras Christian College (Autonomous), Chennai - 600059, India	-
9.	Dr. D. MubarakAli	International Webinar on Natural Biomaterials for Biomedical Applications	International	8 June,2020	Dr Hakeem College, Melvesharam, Tamil Nadu.	--
10.	Dr. D. MubarakAli	International Webinar on Biotechnological Perspectives	International	28-30 May, 2020	Department of Biotechnology, Kamaraj College of Engineering and Technology, Virudhunagar	-

11.	Dr. D. MubarakAli	2 <sup>nd</sup> International workshop on Biomedical Application in Translational Research (BATR-2020)	International	18-19 May, 2020	Department of Biomedical Sciences, Alagappa University, Karaikudi	-
12.	Dr. D. MubarakAli	International Workshop [webinar] on Art of Writing Research Review/Research Articles for publishing in Peer Reviewed Journals	International	25 May,2020	IQAC, MES College Erumely, Kerala	-
13.	Dr. D. MubarakAli	Workshop [webinar] on scientific Writing for Journals	International	20 May,2020	Springer Nature	-
14.	Dr. D. MubarakAli	Workshop [webinar] on Fundamentals of manuscript preparation	International	20 May,2020	Elsevier	-
15.	Dr. D. MubarakAli	Workshop [webinar] on How to Use Turnitin Software for your Research "Turnitin Online on Campus	National	4 May,2020	Guru Nanak Institute of Management Studies, Mumbai in association with Turnitin.	-

16.	Dr. D. MubarakAli	National Level Workshop [Webinar] on Cyber Security During Covid-19	National	3 May,2020	Smt. K. G. Mittal College, Mumbai [IQAC Committee] & Indian Accounting Association,Thane, India	-
17.	Dr. D. MubarakAli	International Webinar on Moodle Learning Management System (MOOC) training	National	22, April 2020	Sree Narayana College, Kannur in January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay	-

Papers Published/ Presented In Journals &Conferences(Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
with ISBN	Others	with ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
12	-	236	-	-	-	37	1	

Details Of Publication In National & International Journals & Conferences: (IEEE Format) Add list here

### **International Journal**

#### **SCI/Scopus Indexed Journal: 38**

1. Umar M, Fathima N, Haji Sheik Mohammed MS, Hemalatha S. Modified cement composites for protection against microbial induced concrete corrosion of marine structures. *Biocatalysis and Agricultural Biotechnology*. 2019; 20:101192.
2. Shanmugasundaram P, Saroj Kumar S, Ubaid R, Mahasampath Gowri S, Easwaramoorthy D, Hemalatha S. Novel curcumin analogs act as antagonists to control nosocomial infection causing *Pseudomonas aeruginosa*. *Biocatalysis and Agricultural Biotechnology*. 2019; 20:101238.
3. Showkat Ahmad Lonea, Sathya Raghunathana, MubarakAliDavoodbasha, HemalathaSrinivasana, Sang-Yul Leeb. An investigation on the sterilization of berry fruit using ozone: An option to preservation and long-term storage. *Biocatalysis and Agricultural Biotechnology*. 2019; 20:101212.
4. Ramalingam K, Lee V. Synergistic Effects of Nanoemulsion and Deferiprone (1, 2 Dimethyl-3-Hydroxypyrid-4-One) on Multi-Drug Resistant *Acinetobacter baumannii*. *Nano Biomedicine and Engineering*. 2019; 11(3):226-37.
5. Adil AAM, Vallinayagam L, Chitra K, Jamal S, Pandurangan AK, Ahmed N. Increased Expression of TGF-beta and IFN-gamma in Peripheral Blood Mononuclear Cells (PBMCs) Cultured in Conditioned Medium (CM) of K562 Cell Culture. *Journal of Environmental Pathology, Toxicology and Oncology*. 2019;38(2):173-83. (IF:1.4)
6. Preethi B, Sha S, Jayaprakash R, Kutti S, Srinivasan H. Synthesis, Characterization and Biological Studies on 4-Bromo-2-{{Z}-[(Furan-2-ylmethyl) imino]methyl}Phenol Praseodymium Complex. *Rasayan Journal of Chemistry*. 2019;12:1455-62.
7. Sah SK, Rasool U, Ali DM, Hemalatha S. Efficacy of *Andrographis paniculata* against AmpC producing multi drug resistant *E. coli*. *Biocatalysis and Agricultural Biotechnology*. 2019; 21:101139.



8. Sah S, Rasool U, Srinivasan H. Andrographis paniculata extract inhibit growth, biofilm formation in multidrug resistant strains of Klebsiella pneumoniae. Journal of Traditional and Complementary Medicine. 2019.
9. Ranjani S, Tamanna K, Hemalatha S. Triphala green nano colloids: synthesis, characterization and screening biomarkers. Applied Nanoscience. 2019. (IF:3.1)
10. Lutfiya A, Priya S, A.P M, Srinivasan H. Molecular docking and interactions between vascular endothelial growth factor (VEGF) receptors and phytochemicals: An in-silico study. Biocatalysis and Agricultural Biotechnology. 2019:101424.
11. Arpudhamary V, Priya S, Manzoor MAP, Mubarakali D, Hemalatha S. Apoptotic-inducing factor 1 (AIF1) plays a critical role in cembranoid mediated apoptosis to control cancer: Molecular docking and dynamics study. Biocatalysis and Agricultural Biotechnology. 2019; 22:101343.
12. M. N. L. Ngo - Mback, E. B. Famewo, D. MubarakAli, P. Eke, N. Thajuddin, A. J. Afolayan, P. M. JazetDongmo, F. FekamBoyom. An investigation of chemical composition and antimicrobial activity of essential oils extracted from Aeollanthus and Plectranthus species. Biocatalysis and Agricultural Biotechnology. 2019; 20:101412.
13. Tasneem Ismail Khan, S. Hemalatha and Mohammad Waseem. Promising Role of Nano-Encapsulated Drugs for Spinal Cord Injury. Molecular Neurobiology 2020. <https://doi.org/10.1007/s12035-019-01862-9>. (Impact factor: 4.586)
14. Khan, S., Kaushik, R., Sharma, M., Raina, N., Ahmad, F., & Islam, A. (2020). Molecular basis of pathogenic parasitic infections: insights from parasite kinome. Frontiers in bioscience (Landmark edition), 25, 1488–1509. (Impact Factor 2.349)
15. Sukumar S, Krishnan A, Khan MKA. Protein kinases as antituberculosis targets: The case of thymidylate kinases. Frontiers in Bioscience (Landmark Edition). 2020 Mar; 25: 1636-1654. DOI: 10.2741/4871. (Impact factor: 2.170)
16. Mittal, L., Camarillo, I.G., Varadarajan, G.S. S. Hemalatha et al. High-throughput, Label-Free Quantitative Proteomic Studies of the Anticancer Effects of Electrical Pulses with Turmeric Silver Nanoparticles: an in vitro Model Study. Sci Rep 10, 7258 (2020). <https://doi.org/10.1038/s41598-020-64128-8>

17. Mohan, U.P., Sriram, B., Panneerselvam, T. Mubarakali. D et al. Utilization of plant-derived Myricetin molecule coupled with ultrasound for the synthesis of gold nanoparticles against breast cancer. *Naunyn-Schmiedeberg's Arch Pharmacol* 393, 1963–1976 (2020). <https://doi.org/10.1007/s00210-020-01874-6> (Impact factor: 2.050)
18. Venkatasubramanian H, Sha S, Hemalatha S, Easwaramoorthy D. Synthesis, Characterisation and Antimicrobial Activity of New Nicotinamide-Thiazole Derivatives. *Rasayan Journal of Chemistry* 2019;41(4):2005-10.
19. Ranjani S, Shariq Ahmed M, Mohd Adnan, Senthil Kumar N, Ruckmani K & Hemalatha S (2020) Synthesis, characterization and applications of endophytic fungal nanoparticles, *Inorganic and Nano-Metal Chemistry*, DOI: 10.1080/24701556.2020.1784231 (Impact factor 0.780)
18. Mohebbali, Nooshin & Ashok, & Pandurangan, Ashok & Mohd, & Mustafa, Rais & Suresh, & Ananda sadagopan, Suresh kumar & Alagumuthu, Tamil Selvi. (2020). Vernodalin induces apoptosis through the activation of ROS/JNK pathway in human colon cancer cells. *Journal of Biochemical and Molecular Toxicology*. 10.1002/jbt.22587.
19. Tahira Akther, Mohd. Shahanbaj Khan, Hemalatha S., Biosynthesis of silver nanoparticles via fungal cell filtrate and their anti-quorum sensing against *Pseudomonas aeruginosa*, *Journal of Environmental Chemical Engineering*, 2020, 104365, (Impact factor 4.02)
20. Ranjani S., Shariq Ahmed M., MubarakAli D., Ramachandran C., Senthil Kumar N. & Hemalatha S. (2020) Toxicity assessment of silver nanoparticles synthesized using endophytic fungi against nosocomial infection, *Inorganic and Nano-Metal Chemistry*, DOI: 10.1080/24701556.2020.1814332 (Impact factor 0.780)
21. Ranjani S., Faridha Begum I., Tasneem I. K., Senthil Kumar N. & Hemalatha S. (2020) Silver decorated green nanocolloids as potent antibacterial and antibiofilm agent against antibiotic resistant organisms isolated from tannery effluent, *Inorganic and Nano-Metal Chemistry*, DOI: 10.1080/24701556.2020.1811326 (Impact factor 0.780)

22. S.M. FazeelaMahaboob Begum, S. Hemalatha, Phytoconstituents from *Gelidiellaacerosa* induce apoptosis by regulating Bax, Bcl2 expression in A549 cells, *Biocatalysis and Agricultural Biotechnology*, Volume 29, 2020, 101757, ISSN 1878-8181, <https://doi.org/10.1016/j.bcab.2020.101757>.
23. Balashanmugam P., Sucharithra G., Agnes Mary S., Tamil Selvi A., Efficacy of biopolymeric PVA-AuNPs and PCL-Curcumin loaded electrospun nanofibers and their anticancer activity against A431 skin cancer cell line, *Materials Today Communications*, Volume 25, 2020, 101276, ISSN 2352-4928, <https://doi.org/10.1016/j.mtcomm.2020.101276>.
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### **International Conference & National Conference**

**Conference with ISBN Proceedings: National-30, International- 206**

1. Kavya Chandran, S. Hemalatha Isolation and Screening of Plastic Degradation Bacteria. International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
2. Ranjani S Pradeep Parthasarathy P.Rameshkumar and S. Hemalatha Nanocolloids: A solution to control vibriosis to improve aquaculture production. International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
3. Ranjani. S Maroudam. V and S. Hemalatha Novel nanosuspension to control MDR pathogen, causing Bovine Mastitis International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
4. D. MubarakAli, M.A.P. Manzoor S. Hemalatha, Jung-Wan Kim and Sang-Yul Lee Production of Oligo-alginate adopting Plasma and their Potentials as Biomaterials International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
5. Shariq Ahmed.M, Ranjani S, Ramachandran. C, Mubarakali. D and Hemalatha Screening the efficacy of myco nanoparticles against Staphylococcus aureus under in vitro and in vivo conditions International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
6. S.M.FazeelaMahaboob Begum, S.Priya, Kalaichitra, Benin Joseph and S.Hemalatha Anti inflammatory activity of Phytocompounds from Gelidiellaacerosa: An in silico, in vitro and in vivo approach International conference on recent trends in

Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020

7. Edet Love Mendie Hemalatha S., Biological synthesis and Characterization of AgNps via endophytic bacteria isolated from *Nyctanthes arbor-tristis* flower International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
8. Mariam Adhila H, Shariq Ahmed M. and S. Hemalatha Mycosynthesis of silver nanoparticles and their applications in growth promotion of plants International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
9. Ashifa Nasreen, S. Ranjani and S. Hemalatha Isolation and identification of plant pathogenic bacteria and fungi from infected cardamom and control with green nanoparticles International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
10. S. Sumaiya S. Ranjani and S. Hemalatha Isolation and identification of multidrug resistant organisms and alternate methods of control International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
11. S. Sai Nivetha, S. Ranjani and S. Hemalatha Formulation of *Cissus quadrangularis* based nano emulsion to control osteoporosis International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
12. Soniya, S. Ranjani and S. Hemalatha Garlic silver nanoparticles control food borne pathogenic bacteria International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020

13. Kaviya S, Shariq Ahmed M and S. Hemalatha Mycosynthesis of silver nanoparticles from endophytic fungi and its antibacterial activity. International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
14. K. Amreen Banu, S.Ranjani, S.Hemalatha Isolation and identification of pathogenic bacteria and fungi from infected pepper plants (*Piper nigrum*) and control my nanotechnology International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
15. Sabiha Sulthana H B and S. Hemalatha *Russeliaequisitifomis* and its endophytic fungi mediated synthesis of nanoparticles to control lung cancer International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
16. Pradeep Parthasarathy M, S. Ranjani, S. Hemalatha Screening, Enhancement, and Characterization of Taxol Production from Endophytic Fungi over Commercial grade International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
17. Pradeep Parthasarathy M, S. Ranjani, S. Hemalatha Plastic degradation by endophytic fungi International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
18. S. Vaani, S. Ranjani, S. Hemalatha MRSA-Antimicrobial tolerance and gene expression using antimicrobial peptides -an in vitro exploratory study. International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020

19. K. Manikandan, I. Faridha Begum and S. Hemalatha Biodegradation of azo black dye by novel bacteria Isolated from tannery effluent International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
20. Aishwarya. K , S.Ranjani, S.Hemalatha Green synthesis of silver nanoparticles from medicinal plant extracts International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
21. V. Nivedita and S. Hemalatha Chitosan (CS) combined with 4-[5-(4-methylphenyl)- 3-(trifluoromethyl)-1H-pyrazol-1-yl] benzenesulfonamidenanoemulsion synthesis, characterisation and ligand binding in vitro assay analysis on hepatocytes International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
22. Mohd Adnan, Shariq Ahmed M, Ranjani S and S. Hemalatha Myconanocolloids and its antibacterial potential against Pseudomonas aeruginosa International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
23. Mahalakshmi.R, Ranjani S, Shariq Ahmed M and S. Hemalatha Biogenic Synthesis, Characterization, Anti-Bacterial Activity and Comparison of Silver Nanocolloids Synthesized from Endophytic Fungus and Medicinal Plant International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
24. Rumelee Das, Ranjani S, Shariq Ahmed M and S. Hemalatha Myco-Nanocolloids manipulate growth, biofilm formation and virulence genes in UTI causing E. coli International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020



25. Santhoshini J, Ranjani S, Faridha Begum and S. Hemalatha Antimicrobial effect of Floral extract mediated Nanosuspension International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
26. Buhaisath K.T, Ranjani S and S. Hemalatha Green nanocolloids from Trachyspermum mammi as effective antimicrobial agent International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
27. Rubiyakathun U, Ranjani S and S. Hemalatha Myconano suspension against Multi Drug Resistant E.coli International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
28. M. Salman Al Farsi, Ranjani S and S. Hemalatha Green nanocolloids against biofilm causing E.coli International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
29. Tamana K, Ranjani S and S. Hemalatha Nanocolloidal formulation and to screen its antimicrobial activity against biofilm causing agent Klebsiella pneumonia. International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
30. Tasneem Ismail Khan, Faridha Begum, Ranjani S and S. Hemalatha Phytocompound loaded green nanocolloid against multidrug resistant bacteria isolated from tannery effluent International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
31. Shruthy Priya P, Ranjani S, Maroudam Veeraswami and S. Hemalatha. Novel green nanocolloids from herbal extract and screening their anti-microbial activity against Bovine mastitis pathogen International conference on recent trends in

Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020

32. NoorulSamsounMaharifa H1,2, Hemalatha S1, Ranjani S, Priyanga S, Gayathri K, Afrin Aysha A J Isolation of Lactic Acid Bacteria from the Midgut of *Chiloscyllium indicum* International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
33. K.Radhika, S.M.RabiathulShameera, I.Faridha Begum, S.Hemalatha Extraction of lipid compound from bacteria of tannery effluent International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
34. NaifaJameel.K, S. Ranjani and S. Hemalatha Therapeutic Potential and Health Benefits of Red Algae Refreshing drink (*kappaphycusalvarezii*) International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
35. Jason Tom Abraham and S. Hemalatha Nanorobots and their Potential in Drug Delivery International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
36. Kritika V, Mohammad Waseem and S Hemalatha Bisphenol A induced Oxidative injury in Brain Tissues International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
37. Keerthana.P.V, Shariq Ahmed.M and S.Hemalatha<sup>1\*</sup> Potential uses of nanoparticles in pest control International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020

38. Gowtham.K, ShariqAhmed.M and S.Hemalatha Nanotechnology for water remediation: A Review International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
39. Architha.V, Shariq Ahmed.M and S.Hemalatha Carbon Nanotubes Used as an Adsorbent for the Treatment of Wastewater: A Review International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
40. Yuvaraj.C, Shariq Ahmed.M and Hemalatha.S Prospects of Nanotechnology for Food Processing Technology International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
41. Divya. ,Shariq Ahmed.M and Hemalatha.S Facile synthesis of collagen stabilized Agnps and its biomedical applications International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
42. RukaiyaHasaniKhasamwala, S. Ranjani and S. Hemalatha Isolation and Identification of pathogenic Bacteria and Fungi from coffee plant and treating it with green nano formulation International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
43. Subramani, Shariq Ahmed.M and Hemalatha.S Role of Nanobiotechnology in Waste Water Treatment International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
44. Vikas B, Shariq Ahmed.M, and S. Hemalatha Role of nanotechnology in agriculture and food sectors International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020

45. Priyanka Thakur, Shariq Ahmed.M, and S. Hemalatha Nanoparticles mediated Mesenchymal Stem Cells(MSCs) labelling and its applications in cell therapy International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
46. Neethu S.S, Shariq Ahmed.M and Hemalatha.S.Green synthesis of Nanoparticles and their Application in Waste Water treatment International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
47. SouziaShaik,ShariqAhmed.M, and S. Hemalatha Development of Nanotechnology Based Treatment for Lung Cancer International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
48. Angel Sharon and S. Hemalatha Nanoemulsion as a bioprotection to control food spoiling microorganisms International conference on recent trends in Bionanotechnology, Energy and Environment BSAR Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
49. Narendran, R and S. Hemalatha M.Mahalakshmi and A.K Pandurangan International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020
50. Nikitha Sherin Nisar and S. Hemalatha Isolation and Performance Evaluation of Yeast (*Saccharomyces cerevisiae*) from Palm Wine During Proofing Bread International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020

51. Kavya Chandran, S. Hemalatha Isolation and Screening of Plastic Degradation Bacteria International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
52. Ranjani S, Pradeep Parthasarathy, P. Rameshkumar and S. Hemalatha. Antimicrobial and antibiofilm potential of novel green nanocolloids against antibiotic resistant organism isolated from Marine animal. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
53. Logesh R, Shazia Jamal and Neesar Ahmed. LPS sensitize RBCs at hemagglutinin concentration resulted in complete hemolysis on further addition of Jacalin; plant lectin from Jack fruit seeds. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
54. B. Anil kumar, Umamaheswari. V, Shazia Jamal and Neesar Ahmed. Biosynthesis, Characterization of Iron Oxide Nanoparticles and Evaluation of Its Cytotoxicity in Lung Adenocarcinoma (A549) Cell Line. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
55. Nisha K and K. Ramalingam. Comparative toxicology studies of commercial insecticide and synthesized nanoemulsion. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
56. M. Chandhru, R. Logesh, Neesar Ahmed, S. Kutti Rani and N. Vasimalai. Green Synthesis of Silver Nanoparticles from Plant Extract and its Antibiofilm Activity towards Pathogenic Bacteria. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.

57. Prathibha S., Ashok Kumar P. Mechanistic Anti-Tumor Activity Of 3-(2-(3,4-Dimethoxyphenyl)-2-Oxoethylidene) Indolin-2-One (Raji) On Triple Negative Breast Cancer Cells. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
58. Arunika Krishnan, Sudarkodi Sukumar. Understanding the mechanism of embR mutations in *Mycobacterium tuberculosis*: A perspective study. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
59. Rameeza Banu S and Shazia Jamal. Formulation and Evaluation of Herbal Anti-Aging Cream using *Vigna radiata*. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
60. SabeenaB, Princy J and Neesar Ahmed. CRISPR-Cas9 Technology in Hematology and Oncology. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
61. Asma Taj Shaik, R. Sathya and D. MubarakAli. Promotion of Lactic Acid Bacteria Growth using Target Nutrients for the Industrial Applications. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
62. Deepika, R. Sathya and D. MubarakAli. Study of antimicrobial peptides extracted from a Cyanobacterium, *Spirulina* sp. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.

63. Deepika, P, R. Sathya and D. MubarakAli. Rapid Preparation of Microalgal Liquid Fertilizer for the Enhanced Growth of Crop Plants. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
64. Haajira, H., R. Sathya and D. MubarakAli. Pectin Based Edible Composites Films as Active Food Packaging Polymer. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
65. Nasir Hussein, A.E. Sathya, R., Thajuddin, N and D. MubarakAli. Life Cycle Assessment on the Value-added Products of Freshwater Microalgae. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
66. Sathya R, Jung-Wan Kim and Sang-Yul Lee, D. Mubarak Ali. An Induction of Lactic Acid Bacterial Growth by Oligo-alginate Prepared by Solution Plasma Process. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
67. Jannet Refona and Sheeza Khan. Effect of equimolar polyol mixtures on the stability of RNase-A. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
68. Zafar Sathiq and Gulsaz Shamim. Investigation of Antioxidant Effects of Yellow Lac Dye. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
69. Mrurula Goddati, Logesh R, Shazia Jamal and Neesar Ahmed. Cloning, expression and characterization of Rv10169 from *Mycobacterium tuberculosis*. International conference on recent trends in Bionanotechnology, Energy and Environment BSA

Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.

70. Mohseen Fathima, Shazia Jamal and Neesar Ahmed. Immuno Molecular Markers in Breast Cancer and Exploration of Their Role in Laboratory Diagnosis. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
71. Manoj Kumar, Logesh R, Shazia Jamal and Neesar Ahmed. Cloning, expression and characterization of Rv1477 from *Mycobacterium tuberculosis*. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
72. Mohammad Ashfaq, Neetu Talreja, C.A. Rodríguez, Adriana C. Mera. Synthesis of graphene-Cu-BiO based microsphere for photocatalytic degradation of phenolic compounds from agricultural wastewater. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
73. Priyadarshini, Logesh R, Shazia Jamal and Neesar Ahmed. Structural and Functional Analysis of the Rv2416c Eis Protein. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
74. Safiya Hussain and Md. Khurshid Alam Khan. Identification of Novel Tyrosine Phosphatase Inhibitors using Insilico Studies. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
75. AshwathiVijiyalekha, PrathibhaSivaprakasam, Ashok Kumar Pandurangan, Suresh Kumar Ananda sadagopan. Vernodalin induces apoptosis through the activation of ROS/JNK pathway in human colon cancer cells. International conference on



recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.

76. S.P. Vardhini and Mohammad Waseem. Promising Action of Caspase 8 in Neuroblastoma: *In Silico* and *In vivo* approach. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
77. Heena Sadiya and Mohammad Waseem. Pharmacological Evidences for immunomodulatory effects of Pregabalin: An *In vitro* and *In vivo* approach. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
78. M.I Mohammad Nayas and Mohammad Waseem. Effect of Pesticides on Oxidative Stress and Metabolism in experimental models. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
79. Karishma, Yaasmin, Vengadesan. Blood Triggered Generation of Platinum Nanoparticle Functions as an Anti- Cancer Agent. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
80. S.Harisutha and Shazia Jamal. Energy, Bioenergy and Biofuel. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
81. Saabira Banu. S and Zubeida Anjum M.A. Role of Gut Inhabitants on Vectorial Capacity of Mosquitoes. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.

82. Samrin Abdul Sathar and Shazia Jamal. Green Synthesis of Zinc Oxide Nanoparticles using *Calendula Officinalis*; Antimicrobial Assessment and Formulation and Evaluation of Sunscreen. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
83. Tharani.P and Vimal Kumar. Optimization of solid-state fermentation (SSF) using alternative substrates through response surface methodology (RSM). International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
84. Vinodhini and Mohamed. W. *In silico* analysis of urea – Ice Nucleating Protein from *Nanoranato* explore the cryoprotectant activity of urea. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
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86. H. Naziya Sayeed and Md. Khurshid Alam Khan. Identification of Novel Alpha 1 Antitrypsin Inhibitors by Docking, ADMET Prediction, and Molecular Dynamics Simulation. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
87. Roshini P and Md. Khurshid Alam Khan. Investigating the Potential Therapeutic Effects of Naturally Occurring Small Molecules to Prevent Acrolein-Protein Adduct Formation. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.

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89. R.UmmeKulsum and SoumenBera. Biofilm Inhibition of *Pseudomonas aeruginosa* by GSH. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
90. Jahangir Ahmed, Karthikeyan Ramalingam. Applications of Nanomaterials against White Feces Syndrome in Shrimps (*Penaeus vannamei*). International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
91. R. Akshaya Radhu and Karthikeyan Ramalingam. Formulation and use of skin friendly antimicrobial dish wash. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
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94. Sneha U1 and Karthikeyan R. Detoxification of Synthetic Textile Dyes by Bacteria. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
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101. Kashifa Fathima J, Anil Kumar B, Shazia Jamal and Neesar Ahmed. Combinational Therapy Using Lectins and Taxol on Cancer Cell Line. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
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107. Syed AsfarLathif S, Subhamoy Banerjee. Molecular Comorbidity Analysis of T2DM, TNBC, Obesity and PCOS using Integrated Bioinformatics Approach. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
108. Mohamed Syed Sheik Ismail. Optimization of Media for Cordyceps Militaris Growth. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
109. Saranya MK, Sangeetha MK. Metalloproteinase a Potential Target for Anti-Venom Treatment – Identification of Metalloproteinase Inhibitors in Ancient Medicinal Plant, *Andrographis paniculate*. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
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111. Wasifah Syed and Subhamoy Banerjee. Ointment made from Natural Sources for Effective Wound Healing. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.

112. Shehnaz Afreen, Ashok Kumar Pandurangan and Subhamoy Banerjee. Synthesis of Natural Product Based Anti – Pimple Gel. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
113. R. Vijaya Suriya and SoumenBera. Smart plants - A solution to curb global warming. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
114. Md Aashique, Venkateshwar Reddy and SoumenBera. A brief report on the modifying role of polyphenols on bacterial respiration. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
115. Mancy Augustine and Sheeza Khan. Effect of equimolar amino acid osmolyte mixtures on the stability of RNase-A. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
116. Dharwish Mohamed and Ashok Kumar Pandurangan. Synthesis and characterization of zinc oxide nanoparticles by using catharanthus roseus and to study the antibacterial activity against pathogenic bacteria. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
117. Dhanish Mohammed and Ashok Kumar Pandurangan. Ocimum sanctum Leaf Extract Incorporated Chitosan Antioxidant Film for Bioactive Food Packaging. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.

118. ArthiPadmanaban and Ashok Kumar Pandurangan. Purification of Grey water to clean drinking water. International conference on recent trends in Bionanotechnology, Energy and Environment BSA Crescent Institute of Science and Technology, Chennai in association with University of Missouri, USA, on 18-19, February, 2020.
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121. S. Hemalatha. Synthesis, characterization and applications of green nano particles. International Symposium on Applications and Developments in Applied Sciences Research .Holy Cross College (Autonomous), Tiruchirappalli, Tamil Nadu, India. 2019. January 7 - 8
122. Mubarakali. D., Solution plasma mediated synthesis of anti-oxidant nanobiomaterials. International Symposium in Applications and Developments in Applied Sciences Research. Holy Cross College (Autonomous), Tiruchirappalli, Tamil Nadu, India. 2019. January 7-8
123. Sai Lakshmi and Mubarakali. D., Unveiling the microbiome in the gut of silkworm Bombyx mori.. International Symposium in Applications and Developments in Applied Sciences Research. Holy Cross College (Autonomous), Tiruchirappalli, Tamil Nadu, India. 2019. January 7-8



124. Santhosh Kumar and Mubarakali. D., Phycho remediation of CO<sub>2</sub> level in suburban area via CO<sub>2</sub> sequestration by native microalgae: An Ecofriendly approach.International Symposium in Applications and Developments in Applied Sciences Research.Holy Cross College (Autonomous), Tiruchirappalli, Tamil Nadu, India.2019.January 7-8
125. Showkat Ahmad and Mubarakali. D.Rapid and cost effective sterilization of Berry fruits by OTRE techniques.International Symposium in Applications and Developments in Applied Sciences Research.Holy Cross College (Autonomous), Tiruchirappalli, Tamil Nadu, India.2019.January 7-8
126. S. Hemalatha.Recombinogenic model systems: novel tools for applied research.National conference on Scientific Research and Education in Today's Scenario ".Holy cross college, Trichy .2019.February 13
127. S. Hemalatha.The clinical trial Roadmap.DBT sponsored one day seminar on clinical research and pharmacovigilance.Gurunanak College, Chennai.2019.March 5
128. Farida Begum and S. Hemalatha.Isolation and characterization of penicillin resistant bacteria from tannery effluent.UGC sponsored National conference on Innovations and new horizons in microbial technology.Sri Padmavathi MahilaVisvavidyalayam university, Tirupathi .2019.March 6-7
129. TahiraAkther and S. Hemalatha.In vitro anticancer and antibacterial activity of mycosilver nanoparticles synthesised by using endophytic fungi isolated from medicinal plant.UGC sponsored National conference on Innovations and new horizons in microbial technology.Sri Padmavathi MahilaVisvavidyalayam university, Tirupathi .2019.March 6-7
130. Ranjani S, and S. Hemalatha.Cymbopogoncitratus silver nanoparticles target CTXM-15 to break antibiotic resistance in E. coli.UGC sponsored National conference on Innovations and new horizons in microbial technology.Sri Padmavathi MahilaVisvavidyalayam university, Tirupathi .2019.March 6-7
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sponsored National conference on Innovations and new horizons in microbial technology.Sri Padmavathi MahilaVisvavidyalayam university, Tirupathi .2019.March 6-7

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133. Ranjani S, and S. Hemalatha.Antibacterial and antifungal effect of Cymbopogon citratus silver Nanoparticles.National Conference on Recent Trends in Microbiome Research: Exploring the Microbial Diversity.Pondicherry university, Pondicherry.2019.March 20-21
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137. Sai Lakshmi. G and MubarakAli .D.Unveiling the microbiome in the gut of silkworm Bombyx mori.National Conference on Recent Trends in Microbiome Research: Exploring the Microbial Diversity.Pondicherry university, Pondicherry.2019.March 20-21

138. Nirupama. T.V and MubarakAli. D.Synthesis and characterization of nanocatalyst for the biodieselproduction.National Conference on Recent Trends in Microbiome Research: Exploring the Microbial Diversity.Pondicherry university, Pondicherry.2019.March 20-21
139. Arvinhd.AandMubarakAli. D.Biodegradation of Bisphenol A by using freshwater microalgae.National Conference on Recent Trends in Microbiome Research: Exploring the Microbial Diversity.Pondicherry university, Pondicherry.2019.March 20-21
140. Santhosh Kumar. M and MubarakAli. D.Phychoremediation of CO2 level in suburban area via CO2 sequestration by native microalgae: An Ecofriendly approach.National Conference on Recent Trends in Microbiome Research: Exploring the Microbial Diversity.Pondicherry university, Pondicherry.2019.March 20-21
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143. Ranjani S, Shariq Ahmed and S. Hemalatha.Exploring the Ethanomedicinal effect Cymbopogon citratus, through nanoformulation and its application as a potential antibacterial and antifungal agent.International Conference on Emerging perspectives on Bioengineering and Biomedical Informatics with Special relevance to Ethnomedicine in Human Health (ICBBI 2019).Sathyabama University, Chennai.2019.March 25-27
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biotechnology for human welfare and bioenterpreneurship (ICEBHE 2018).School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.2019.September 11-12

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156. Saroj Kumar Sah, Ubaid Rasool, B. Shanthi and S. Hemalatha.Screening of clinical isolates of Klebsiella pneumoniae and Klebsiella oxytoca for drug resistance, biofilm formation and extended spectrum  $\beta$ -lactamase (ESBL) production in India .International conference on emerging areas of biotechnology for human welfare and bioenterpreneurship (ICEBHE 2018).School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.2019.September 11-12
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162. Srimathy P and S. Hemalatha.Natural phytochemical compounds target human epidermal growth factor receptor (HER2) for treating breast cancer: in silico approach .International conference on emerging areas of biotechnology for human welfare and bioenterpreneurship (ICEBHE 2018).School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.2019.September 11-12
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164. Mohammed Faizal Eeman M and S. Hemalatha.Applications of EB Image-an R package .International conference on emerging areas of biotechnology for human welfare and bioenterpreneurship (ICEBHE 2018).School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.2019.September 11-12
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168. Shariq Ahmed.M, Tahira Akther, Mohd. Waseem, Jasim Khan, Mohd. Kashif, and S. Hemalatha. Screening the antibacterial and cytotoxic potential of green silver nanoparticles synthesized from endophytic bacteria. International conference on emerging areas of biotechnology for human welfare and bioenterpreneurship (ICEBHE 2018). School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai. 2019. September 11-12
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171. Rumelee Das and S. Hemalatha. Genome wide applications of electroporation to deliver nanodrugs to control diseases. International conference on emerging areas of biotechnology for human welfare and bioenterpreneurship (ICEBHE 2018). School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai. 2019. September 11-12
172. J. Santhoshini and S. Hemalatha. Antimicrobial resistance: An overview. International conference on emerging areas of biotechnology for human welfare and bioenterpreneurship (ICEBHE 2018). School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai. 2019. September 11-12



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174. Mohd. Adnan and S. Hemalatha.Nanoparticles mediated Drug delivery .International conference on emerging areas of biotechnology for human welfare and bioenterpriseurship (ICEBHE 2018).School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.2019.September 11-12
175. Tasneem Ismail Khan and S. Hemalatha.Nanobiosensors applications and current research International conference on emerging areas of biotechnology for human welfare and bioenterpriseurship (ICEBHE 2018).School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.2019.September 11-12
176. Faridha Begum, S. Ranjani and S. Hemalatha.Novel dye degrading Bacillus sp. from tannery effluentNational conference on biotechnological advances in biomedical, environmental and agricultural technology.National conference on biotechnological advances in biomedical, environmental and agricultural technology.Hindustan college, Chennai.2019.13th September,
177. Edet Love Mendie and S. Hemalatha.Phytochemicals and multi-functional biological activities of Nyctanthes arbor-tristis L leaves extracts. National conference on biotechnological advances in biomedical, environmental and agricultural technology.National conference on biotechnological advances in biomedical, environmental and agricultural technology.Hindustan college, Chennai.2019.13th September
178. Ranjani S, Shariq Ahmed and S. Hemalatha,.Multifunctional green silver nanocolloids as effective antibacterial and antifungal agents.National conference on biotechnological advances in biomedical, environmental and agricultural technology.Hindustan college, Chennai.2019.13th September
179. Shariq Ahmed.M, Ranjani S, TahiraAkther Khan, Mohammad Waseem and S. Hemalatha.Endophytic bacteria assisted biosynthesis and characterization of AgNps and its biological applications. National conference on biotechnological advances

in biomedical, environmental and agricultural technology.National conference on biotechnological advances in biomedical, environmental and agricultural technology.Hindustan college, Chennai.2019.13th September

180. FazeelaMahaboob Begum S. M, HemalathaS.Essential oils from Gelidiellaacerosa induce apoptosis by regulating Bax, Bcl2 expression in A549 cells.DBT sponsored National Seminar on “Marine Natural Products and as Pharmaceutical agents”.2019.17th & 18th September,
181. Ranjani S, Shariq Ahmed and S. Hemalatha,.Endophytic fungal phytoconstituents loaded silver nanocolloids as effective antibacterial agents against UTI causing human bacterial pathogen.11th BABS national conference on climate change driven challenges on Indian biodiversity:innovative solutions for sustainable development.2019.September 25-27
182. Shariq Ahmed.M, Ranjani S, Ramachandran. C, Mubarakali. D and S. Hemalatha.Endophytic silver nanoparticles reduced the mortality in C elegans induced by human pathogens.11th BABS national conference on climate change driven challenges on Indian biodiversity: innovative solutions for sustainable development.2019.September 25-27
183. Faridha .I, Ranjani.R and S. Hemalatha.Ecofriendly green technology to degrade the textile dye.International conference on Emerging Trends in Eco green Technology.Prince Shri Venkateswara college, Chennai.2019.September 27
184. S. Ranjani and S. Hemalatha.Eco-Green Nanofabrication to control Diabetic Wound.Seminar on Emerging Trends in Eco green Technology,.Prince Shri Venkateswara college, Chennai.2019.September 27
185. Faridha .I, Ranjani.R and S. Hemalatha.Green method for the effective utilization of tannery effluent for sustainable agriculture2019.National conference on Environment and Food sustainability on September 27, 2019..Gurunanak center for research and Indian Science congress, Chennai.2019.September 27
186. S. Ranjani and S. Hemalatha.GreenNanofungicide to control food contaminating plant pathogens.National conference on Environment and Food sustainability on September 27, 2019..Gurunanak center for research and Indian Science congress Chennai.2019.September 27

187. Ranjani S, Shariq Ahmed and S. Hemalatha, Endophytic fungal extract mediated silver nanocolloids as effective wound healing agents against human bacterial pathogen. National conference on impact of biotechnology in improving human health. SRM arts and science college. 2019. September 27
188. Shariq Ahmed. M, S. Ranjani, S. Buhaisath and S. Hemalatha, Green nanoparticles control MDR E. coli by modulating Ampc gene expression. National conference on impact of biotechnology in improving human health. SRM arts and science college. 2019. September 27
189. Faridha Begum, S. Ranjani and S. Hemalatha. Novel dye degrading bacteria from tannery effluent. National conference on impact of biotechnology in improving human health. SRM arts and science college. 2019. September 27
190. Amreen Banu. K, Kaviya .S, Jeevitha .P, Ashifa Nasreen, Kavya. C, Ranjani. S, S. Hemalatha, Nanoemulsion against multi drug resistant pathogens. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
191. Mohammed Abrar Basha and S Hemalatha. Elucidation of the metabolic pathways of TRPM2 and computationally study its role in the Neurodegenerative diseases. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
192. Edet Love Mandie and S. Hemalatha. Herbal nanomedicine; the way forward to healthier life. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
193. S. Priya and S. Hemalatha, Novel small molecular peptides designed to target HIV gp120. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1

194. Ranjani S, Shariq Ahmed and S.Hemalatha.Nanofabricated Green nano colloids to control diabetic wound causing MDR pathogens.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
195. Saroj Kumar Sah and S. Hemalatha.Andrographispaniculata extract inhibit growth, biofilm formation in multidrug resistant strains of Klebsiella pneumonia.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
196. SarvathAafreen.S and S.Hemalatha.Screening of herbal matrix metalloproteinases inhibitors to control metastasis.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri,USA.2019.September 30 and October 1
197. TahiraAkther and S. Hemalatha.Bactericidal activity of mycosilver nanoparticles against pathogenic bacteria.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
198. S.M.FazeelaMahaboob Begum S.Hemalatha.Anticancer activity of essential oils from Gelidiellaacerosa: an in vitro and in vivo approach.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
199. S. Aberna, S. Ranjani and S. Hemalatha. Impact of thymoquinone incorporated levodopa in Parkinson's disease to minimize drugs secondary effects. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
200. Abinaya. M, and S. Hemalatha.Screening the efficacy of ghee to control cancer.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1

201. S. Anitha, S. Ranjani and S. Hemalatha. Quercetin: a natural compound for ovarian and breast cancer treatment. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
202. V. Arpudhamary and S. Hemalatha. Apoptotic-inducing factor 1 (AIF1) manipulate cembranoid diterpenes mediated apoptosis to control cancer. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
203. M.S. Azeemathul Marliya and S. Hemalatha. Effect of nicotine and supplementation of melatonin & igf-1 to nicotine treated oocytes in in vitro maturation of buffalo oocytes. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
204. Mohammed Faizal Eeman M and S. Hemalatha. Detection of Zika Virus Infection in the Human Genome: A Machine Learning Approach. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
205. Jayashree. B, S. Ranjanai and S. Hemalatha. Nicotine effect in embryo are reduced by green Nanoparticles. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
206. Krithika V., Ranjini S and S. Hemalatha. Targeted delivery of Dinutuximab (Dtx) for the prenatal treatment of high-risk Human Embryonal Neuroblastoma. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
207. Madheeha. H and S. Hemalatha. In-Silico Analysis of possible mutations responsible for INH resistance in Tuberculosis. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1

208. Mariam Adhila, H.Sumaiya, S. RanjaniN., Isolation and identification of MDR bacteria by high-throughput Illumina next-generation sequencing from Hospital environment. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
209. V. Nivedita and S. Hemalatha. Chitosan (CS)-acetylsalicylic acid (ASA) nanoparticles effect on treating cardiovascular diseases. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
210. Mohd Adnan, Shariq Ahmed M, Ranjani S and S. Hemalatha. Synthesis and Characterization of Silver nanoparticles via cell free filtrate of endophytic fungi and its antibacterial potential against Pseudomonas aeruginosa. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
211. K. Aishwarya and S. Hemalatha. Inhibition of gene responsible for Biofilm Production using Green Nanoparticles. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
212. Buhaisath K.T, Ranjani S and S. Hemalatha. Synthesis of silver nanoparticles from ajwain (Trachyspermum ammi) extract and its antimicrobial activity. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
213. Mahalakshmi.R, Ranjani S, Shariq Ahmed M and S. Hemalatha. Biogenic Synthesis, Characterization, Anti-Bacterial Activity and Comparison of Silver Nanoparticles Synthesized from Endophytic Fungi and Medicinal Plant. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1

214. Rubiyakathun U, Ranjani S and S. Hemalatha. Biosynthesis of silver nanoparticles via endophytic fungi isolated from *Tamarindus indica* L. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
215. Rukaiya Khasamwala and S. Hemalatha. Tolerogenic Nano-capsule synthesis for Diabetic retinopathy to suppress autoimmunity. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
216. Rumelee Das, Ranjani S, Shariq Ahmed M and S. Hemalatha. Green synthesis and characterization of AgNp's from endophytic fungi and screening the efficacy against CTX-M15 and AmpC expressing *E. coli* strains isolated from UTI samples. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
217. Sabihasulthana and S. Hemalatha. *Russelia equisetiformis* nanoparticles to control lung cancer. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
218. Sai Nivetha, S. Ranjani and S. Hemalatha. *Cissus quadrangularis* nanoparticles mediated bone remodelling to control Osteoporosis. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
219. M. Salman Al Farsi, Ranjani S and S. Hemalatha. Green nanoparticles synthesis against biofilm causing organism. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
220. H. Barkathunisa, S. Ranjani and S. Hemalatha. Targeted drug delivery using antibody-conjugated nanoparticles integrated in liposomes for clearing aggregation of TAU proteins in Alzheimer's disease. International conference on Applications of

biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1

221. Pradeep Parthasarathy S. Ranjani and S. Hemalatha.Connexin Aptamer Mediated Targeting Of Paclitaxel Nanoparticle For Improved Targeting And Retention.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
222. Santhoshini J, Ranjani S, Faridha Begum and S. Hemalatha.Green synthesis and characterization of Silver Nanoparticles from Mimosa pudica flower extract and to determine its antimicrobial effect on pathogens.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
223. Shariq Ahmed.M, RanjaniS, Ramachandran. C, Mubarakali. Dand S. Hemalatha.Mycosilver nanoparticles reduced the mortality in C. elegans treated with human pathogens.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
224. Shruthy Priya P, Ranjani S and S. Hemalatha.Green synthesis and characterization of silver nanoparticles from spices extracts and screening their anti-microbial activity.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
225. A.Soniya and S.Hemalatha.Silver Nanoparticles Synthesized Using Garlic Show Potential Antimicrobial Activities Against Food Borne Pathogens.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1
226. Tamana K, Ranjani S and S. Hemalatha.Synthesis and characterization of silver nanoparticles from spices and to screen it's antimicrobial activity against biofilm causing agent Klebsiella pneumonia.International conference on Applications of biotechnology and Nanotechnology.BSACIST Chennai in association with University of Missouri, USA.2019.September 30 and October 1



227. Tasneem Ismail Khan, Faridha Begum, Ranjani S and S. Hemalatha. Identification, Characterization and Control of multidrug resistant bacteria isolated from tannery effluent. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
228. Zahra Murtuza and S. Hemalatha. Effects of mutations on the  $\Omega$  loop D of yeast iso-1 cytochrome c. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
229. Shirin Lutfiya and S. Hemalatha. Phytocompounds target VEGF to control diabetic retinopathy: An in-silico approach. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
230. Lakshya Mittal, Ignacio G. Camarillo, Hemalatha S., Raji Sundararajan. The Synergy of Electroporation with Turmeric Silver Nanoparticle for Enhanced Cell Death in Triple Negative Breast Cancers. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1
231. K. Radhika, S.M. RabiathulShameera, I. Faridha Begum, S. Hemalatha. Isolation and screening of bacteria for lipid extraction from tannery effluent. International conference on Applications of biotechnology and Nanotechnology. BSACIST Chennai in association with University of Missouri, USA. 2019. September 30 and October 1

#### Details of Impact Factor of The Publication and H-Index

A) Range: B) Average: C) H-Index: 2 D) No. In Scopus: 38

Number of Citation Index – range / average:

R: 0-7

A: 0.56

Total citation 141

Number of Impact Factor – range / average

R: 0-4.51

A: 2.13

Total impact 15.307

Sponsored Research (Ongoing / Applied)

S. No	Title Of The Project	Name of the Principal Investigator	Funding Agency	Tenure	Grants Sanctioned (Rs.)
1.	Development of novel antibiotics to tackle Anti-Microbial Resistance(AMR)	Dr.S.Hemalatha	GCFR fund, University of East London, UK	3 years	Applied
2.	Nano-ointment (Nanoemulsion/ Nanoparticles) for the treatment of hospital infection caused by multi drug resistant Klebsiella pneumoniae pathogens 2020-2023	Dr.Karthikeyan Ramalingam	ICMR	3 years	14,85,000

3.	Crescent Biotech Incubator- BioNEST (2019-2022)	Dr. S. Hemalatha	DBT-BIRAC- BioNEST	3 years	1,80,00,000
4.	Formulating antibiotic resistance breakers to control multidrug resistant pathogenic bacteria(2019-2022)	Dr.S. Hemalatha &Ms. Ranjani S	DST-WOSB	3 years	24,90,000
5.	Mechanistic anti-tumor activity of Vernodalin isolated from Centrathrum anthelminticum against colorectal cancer cells / 3 years 2019-2022	Dr. Ashok Kumar Pandurangan	SERB-TARE	3 years	18,30,000
6.	Antimicrobial Efficacy and Mechanisms of Whole Plant Extract of Acacia Arabica with Triphala on Biofilm Forming Cariogenic Microorganisms. 2016- 2019	Dr.Karthikeyan Ramalingam	AYUSH	3 years	33, 00,000
7.	Role of naturally occurring small molecules in transthyretin-induced familial amyloid cardiomyopathy (2018-2021)	Dr. Sheeza Khan	DST-WOS-A	3 years	29,00,000

Sponsored Research- Applied

S. No	Principal Investigators	Project Title	Funding Agencies	Amount
1.	Dr. S. Hemalatha Ms. S. Ranjani	An evaluation of selected YOGA MODULE in lung inflammation due to Acute Lower Respiratory Tract Infection (ALRI) - A randomized controlled pilot study.	DST SATYAM COVID19 special call	14,95,000
2.	Dr. S. Hemalatha Ms. S. Ranjani	A cross-sectional study to determine the association between nasal cycle and immune status among the college students.	DST SATYAM	49,90,000
3.	Dr. S. Hemalatha	Nanoformulation as preventive medicine to control vibriosis.	DST SERB CRG	46,96,400
4.	Dr. S. Hemalatha Dr. Ashok Kumar.P Dr. SoumenBera Dr. Simon D Ms. S. Ranjani	Dissemination of molecular techniques with special emphasis on COVID19.	DST-NCSTC-YASH 31.5.2020	35,00,000
5.	Dr. S. Hemalatha Dr. Karthikeyan. R Dr. Ashok Kumar.P	Life Sciences	DST-FIST 31.5.2020	3,00,00,000

	Dr. SoumenBera Dr. Mubarakali.D			
6.	Dr. S. Hemalatha Dr. Mubarakali.D	Fungal biology and bio-nanotechnology for agriculture and pharmaceutical applications	DST-India-Korea Joint Programme Of Cooperation In Science & Technology 29.5.2020	1,62,08,100
7.	Dr. S. Hemalatha Dr. Ashok Kumar.P Dr. SoumenBera Dr. Simon D Ms. S. Ranjani	Dissemination of techniques in Biotechnology with special emphasis on molecular diagnostics	DST-NCSTC 30.4.2020	25,00,000
8.	Dr. S. Hemalatha Dr. Mubarakali.D	Smart Textile with Antimicrobial and Water Repellent Properties for Coronavirus Protection	AUN/SEED-Net Special Program For Research Against Covid-19 (SPRAC)	49550 USD
9.	Dr. S. Hemalatha	Development and Commercialization of a Potent immunomodulating polyherbal formulation to combat COVID-19	MERCK	-
10.	Dr. S. Hemalatha	Nanoformulation to mitigate <i>Aspergillus flavus</i> infection and subsequent aflatoxin contamination	ICAR-NASF	4,00,00,000

		in groundnut		
11.	Dr. S. Hemalatha	Efficacy Testing through Preclinical and clinical research on Vipro, a polyherbal formulation to treat Covid-19 patients and Marketing of the product	PACE	5,00,00,000
12.	Dr. S. Hemalatha Ms. Ranjani.S	A Randomized Controlled pilot study to evaluate the efficacy of practicing YOGA and intake of poly herbal formulations, by quantitating immune response biomarkers	TNSCST	497,500/-
13.	Dr. Subhamoy Dr. Khurshid	Network medicine and computer aided drug design based integrated approach to identify COVID-19 antagonistic phytochemicals from Indian origin	TNSCST	4,52,000
14.	Dr. Mubarakali.D	Fabrication of antiviral nanobiocomposites as hydrogel using silver nanoparticles and beta glucan polymer	TNSCST	2, 97, 500

Details of Testing / Consultancy works & amount generated

Sl. No.	Details of Testing / Consultancy work	Date of receipt of order	Amount received (Rs.)	Faculty involved	Status
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1.	Online webinar Courses	15-19 May, 2020	10,550	Faculties of Association of Cancer Education & Research and Crescent Bioinformatics Association	Completed
2.	Webinar on "Bioinformatics: Scope and Applications"	18-19 May, 2020	3,200	Tamilnadu State Council for Science & Technology (TNSCST), Faculties of Association of Cancer Education & Research and Crescent Bioinformatics Association	Completed
3.	Online Faculty Development Programme on "Multiomics And Traditional approaches To Combat Covid-19/ Virus Outbreak"	May21-June3, 2020	32,500	Tamilnadu State Council for Science & Technology (TNSCST)	Completed
4.	Saaf Hand sanitizer supplied for Vital scientific company, Chennai	March 2020	50,000	Dr.S. Hemalatha Ms. S. Ranjani	Will be continued
5.	International Conference on Basic and Translational	25th – 27th June 2020	19,300	Faculties of SLS, Association of Cancer Education	Completed

	Cancer Research: Novel Ideas and Approaches			and Research (ACER) W. M. Keck Center for Cellular Imaging, University of Virginia, USA & TamilNadu State Council for Science & Technology (TNSCST)	
6.	International Conference on Recent trends in Bionanotechnology, Energy & Environment (ICBEE 2020)	18 & 19 Febraury 2020	1,57,250	Faculties of SLS, Tamilnadu State Council for Science & Technology (TNSCST)	Completed
7.	International Conference on Application in Biotechnology & Nanotechnology (ICBN 2019)	Oct 30 & September 1, 2019	1,75,500	Faculties of SLS, Tamilnadu State Council for Science & Technology (TNSCST)	Completed
8.	Workshop on “Food Safety, GMP and HACCCP, 29th & 30th June 2020”	30th June 2020	3,000	Dr.S.Hemalatha Ms. Ramya, HiRise Dr. Sangeetha Dr. Simon Durairaj Ms. S. Ranjani	Completed



9.	National workshop on Medicinal mushroom technology Sponsored by Tamil Nadu State Council for Science and Technology (TNSCST) was organized on January 30-31, 2020	30-31 January, 2020	27,500	Sponsored by Tamil Nadu State Council for Science and Technology (TNSCST) Dr.S.Hemalatha Dr. MubarakAli Dr. Faridha Begum Ms. S. Ranjani	Completed
10.	Four day's Short-term training programme on Algal culturing techniques and biotechnology (STPACTB) was organized on 17- 20 December 2019.	17- 20 December 2019	60,000	Dr.S.Hemalatha Dr. MubarakAli	Completed
11.	Workshop on Food safety, (GMP) and HACCP-2019 in association with Hi Rise 23-25 Oct 2019	23-25 Oct 2019	36,000	Dr.S.Hemalatha Ms. Ramya, HiRise Dr. Sangeetha Dr. Faridha Begum Ms. S. Ranjani	Completed
12.	Three days' workshop on computational biology was	17-19th June2019	15,000	Dr.S.Hemalatha Dr. Sangeetha	Completed

	organized on 17-19th June 2019			Dr. Faridha Begum Ms. S. Ranjani	
13.	Workshop on Bioinformatics for school students July 2, 2019	July 2, 2019	8,750	Dr. S. Hemalatha Dr. Sangeetha Dr. Faridha Begum Ms. S. Ranjani	Completed

#### Details of Special Research Laboratories Created

S.No	Name of the Lab	Details of Infrastructure		Value of Equipment procured in the Financial Year 2018-19
		Land	Construction Space	
1	Cold Room	6 <sup>th</sup> floor SLS	8X8	2,78,250.00

#### Details of Major Equipment Purchased (Financial year 2018-19)

S.No	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs	Working Status	
					Yes	No
1	Refrigerated Table Top Centrifuge	I Fuge L30 PR	06.02.2019	2,02,164.00	Yes	-
2	Orbital Incubator Shaker	Leo orbital incubator shaker	18.03.2019	1,06,448.00	Yes	-

3	Laboratory Refrigerator	2 to 8 Deg C	29.03.2019	1,84,800.00	Yes	-
4	Cold Room	2 to 8 Deg C Puff panels evaporator and condenser unit	11.06.2019	2,78,250.00	yes	-
5	Ultra Low Temperature Deep Freezer -80 Deg C	Labtech	01.08.2019	3,72,750.00	Yes	-
6	Ice Flake Machine	Labtech	18.02.2020	95,000.00	Yes	-

#### Book Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost	Name of the Publisher & country	Availability status
			Rs		
1.	Dr. Sangeetha Dr. S. Hemalatha	Handbook on Bioethics	250	1.N/A	Available
2.	Dr. Mubarakali.D Dr. S. Hemalatha	SLS Newsletter	free	2.SLS, BSACIST	-
3.	Dr.Karthikeyan.R	Chapter Bioremediation- A logical approach for the efficient management of textile dye effluents: In Textile dye effluents management by bioremediation In:		Publisher IGI Global publication	-

		Handbook of Research on Resource Management for Pollution and Waste Treatment			
4.	Dr. Pandurangan AK	Chapter Understanding the mechanism of Luteolin, a bioflavonoid on colorectal cancer In: Phytocompounds: Sources and Bioactivities, 19-33, 2019,		Studium press Pvt Ltd	-
5.	Dr. Shazia Jamal, Dr.Neesar Ahmed	Chapter Ubiquitin Mediated Posttranslational Modification of Proteins Involved in Various Signaling Diseases, In: Protein Modificomics, 109-130, 2019		Publisher, Elsevier ISBN: 978-0-12-811913-6.	-
6.	Dr. Subhamoy Banerjee	Curcumin Nanoformulations in Glioblastoma Therapy, In: Phytocompounds: Sources and Bioactivities, 35-56		Publisher, Studium press Pvt Ltd, ISBN: 978-93-85046-43-8.	-
7.	Dr. Mohammad Ashfaq	Impact of Nanomaterials on the Microbial System In: Microbial Nanobionics. Nanotechnology in the Life Sciences		Springer, Cham, 141-158, 2019, ISBN: 978-3-030-16382-2.	-

8.	Dr. Mohammad Ashfaq	Carbon Nanostructure-Based Materials: A Novel Tool for Detection of Alzheimer's Disease In: Biological, Diagnostic and Therapeutic Advances in Alzheimer's Disease		Publisher Springer, 71-89, 2019, Singapore ISBN: 978-981-13-9635-9	-
9.	Dr. Mohammad Ashfaq,	Polymeric Nanocomposite-Based Agriculture Delivery System: Emerging Technology for Agriculture In: Genetic Engineering		Publisher IntechOpen	-

#### Patents

S.No	Title	Patent Number	Details of Patents			Details of Financial Assistance from Institution
			Filing	Publishing	Granted	
1.	A facile method to prepare mycosilver nanoparticles and its therapeutic applications	201941050968	-	Published	-	Rs 22,550
2.	Green nano particles as novel antibiotic resistance breakers and having significant anticancer activity against A549 cell line	201941050969	-	Published	-	Rs 22,550
3.	Green nanocolloids as extended-spectrum $\beta$ -	201941050970	-	Published	-	Rs 22,550

	lactamase (ESBL) inhibitor in multidrug resistant (MDR) Escherichia coli					
4.	Floral bud incorporated nano colloidal formulation to control pneumonia causing multidrug resistant/antibiotic resistant K. pneumoniae	201941050971	-	Published	-	Rs 22,550
5.	Formulation of novel green nano colloids to control antibiotic resistant pathogens responsible for bovine mastitis	201941050972	-	Published	-	Rs 22,550
6.	Aromatic nano formulation as antibiotic resistance breakers in biofilm forming pathogenic strains	201941050973	-	Published	-	Rs 22,550
7.	Scented nanocolloidal formulation as multidrug resistant breakers in urinary tract infection (UTI) causing human pathogens	201941050974	-	Published	-	Rs 22,550
8.	Potent green nanocolloids control growth, biofilm formation and virulence in antibiotic resistant strains isolated from tannery effluent	201941050976	-	Published	-	Rs 22,550
9.	Hexananocolloid formulation as potent antibiotic resistant breaker	201941050977	-	Published	-	Rs 22,550
10.	Petalicnanocolloids as battalion for penicillin resistant bacterial strains isolated from tannery effluent	201941050978	-	Published	-	Rs 22,550
11.	Breaking antibiotic resistance by using nanocolloids in	201941050979	-	Published	-	Rs 22,550

	pathogenic bacterial strains isolated from diabetic wound					
12.	Tri-green nano formulation to control pathogens causing mastitis and respiratory infection	201941050980	-	Published	-	Rs 22,550
13.	Endophytic nano particles suppress biofilm formation in human pathogens	201941050981	-	Published	-	Rs 22,550
14.	Endophytic nanoparticles as an alternative to antibiotics to control pathogenic bacteria	201941050982	-	Published	-	Rs 22,550
15.	Myconano particles suppress the colonization of plant pathogenic fungi	201941050983	-	Published	-	Rs 22,550

#### International Visits by Faculty / Students

S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country Visited	Purpose of visit	Period of visit	Outcome
Faculty						
1	Dr. Mohammad Ashfaq	Chululong University	Thailand	Faculty exchange	2 years	Research publication
2	Dr.Mubarakali.D	Korea Aerospace university, Korea	Korea	Faculty exchange	3 months	Signed Mou Research publications

						Student exchange
3	Mr. Marwan.S (B.Tech student)	Johns Hopkins University, USA	USA	Internship	3 months	Research
4	Mr.Sriram.B (B.Tech student)	Kangwon National University	Korea	Project	6 months	Resarch publication  Selected for Ph.D program
5	Ms. Krithika. V (B.tech student)	University of Missouri, USA	USA	Summer internship sponsored by University of Missouri	3 months	Conference paper presentation
6	Mr. Pradeep.P(B.tech student)	University of Missouri, USA	USA	Summer internship sponsored by University of Missouri	3 months	Conference paper presentation
7	Ms. Zahra.M	University of Montana, USA	USA	Summer internship	2 months	-



## Achievements of Staff

S.No	Name of the Faculty/ non teaching Staff	Awards received	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Dr. S. Hemalatha	-	Top 50 Women Educators in Higher Education across India, 2019, by uLektz	uLektz	March 2020
2.	Dr. S. Hemalatha	Best potential school Award	Best Potential School Award	BSACIST	Sep-19
3.	Dr. S. Hemalatha	Research incentive award	Best Researcher Award	BSACIST	Sep-19
4.	Dr. S. Hemalatha & Ms .S. Ranjani	Formulating antibiotic resistance breakers to control multidrug resistant pathogenic bacteria	DST WOS B Mentorship	DST	Oct-19
5.	Dr.S. Hemalatha & Dr. Faridha Begum I	Dye degradation	Best Paper Award	Hindustan College, Chennai	13th Sep., 2019.
6.	Dr.S. Hemalatha & Dr. Faridha Begum I	Green Nanoparticles to control MDR isolated from Tannery effluent	Best Paper Award	Shanmuga Industries of Arts and Science College, Thiruvannamalai	22, January 2020.

7.	Dr.S. Hemalatha& Ms.S. Ranjani	Green nanocolloids as effective antibacterial agents against UTI causing human bacterial pathogen	Best Paper Award	Sir Thyagaraya College, Chennai	7th February 2020
8.	Dr.S. Hemalatha& Ms.S. Ranjani	Endophytic fungal extract mediated silver nanocolloids as effective wound healing agents against human bacterial pathogen	Best Paper Award	SRM arts and science college.	27-09-19
9.	Dr.S. Hemalatha& Ms.S. Ranjani	Green nano colloid mediated nanofabrication to control diabetic wound causing MDR pathogens	Best Paper Award	Sathyabama Institute of Science and Technology, Chennai, India	1.17-18th september 2019
10	Dr.S. Hemalatha& Ms.S. Ranjani	Eco-Green Nanofabrication to control Diabetic Wound" Seminar on Emerging Trends in Eco green Technology	Best Paper Award	New Prince Shri Bhavani Arts And Science College	29-09-19
11	Dr. Karthikeyan Ramalingam	Best Faculty Award in Overall category	Best Faculty Award	BSACIST	Sep-19

		(Research, Academic and Administration)			
12	Dr. Karthikeyan Ramalingam	Nanocolloids	Best poster Award	SRM arts and science college	27-09-19
13	Dr. P.Ashok Kumar	Research incentive award	Research incentive award	BSACIST	Sep-19
14	Dr. KhursidAlam Khan	Research incentive award	Research incentive award	BSACIST	Sep-19
15	Dr. SoumenBera	Research incentive award	Research incentive award	BSACIST	Sep-19
16	Dr. Neesar Ahmed	Research incentive award	Research incentive award	BSACIST	Sep-19
17	Dr. Shazia Jamal	Research incentive award	Research incentive award	BSACIST	Sep-19
18	Dr. M.K. Sangeetha	Research incentive award	Research incentive award	BSACIST	Sep-19
19	Dr. D. MubarakAli	Nanocatalyst for biofuel production	Young ScientistAward 2020	PG and Research Department of Physics, Sri S. Ramasamy Naidu Memorial College, Sattur - 626 203, Tamilnadu, India	March 13-14, 2020.
20	Nasir Hussein AE Dr. D. MubarakAli	Life cycle assessment of microalgae	Best Paper Award	Pondicherry University, Puducherry (UT), India	September 25-27, 2019

21	Dr. D. MubarakAli	Outstanding research contribution	Dr. G. N. Ramachandran Memorial NABS-Young Scientist Award for the year 2018 (NYSA-05-2018)	National Academy of Biological Sciences, India	Sep 25-27, 2019
22	Sathya, R Dr. D. MubarakAli	Oligosaccharide production	Best Paper Award	Sathyabama Institute of Science and Technology, Chennai, India	September 17-18, 2019
23	Dr. D. MubarakAli	Outstanding research contribution	B.S. Abdur Rahman Faculty Award: Best Research Award 2019	BSACIST	September 5.2019
24	Sriram B Dr. D. MubarakAli	OTRE for fruit preservation	Best Paper Award	Kamaraj College of Engineering and Technology, Virudhunagar	July 18-20, 2019
25	Dr. D. MubarakAli	Outstanding research contribution	Bharat Ratna Kamaraj Memorial Young Scientist Award 2019	Kamaraj College of Engineering and Technology, Virudhunagar, India	July 18-20, 2019
26	Ms.S. Ranjani	Best Researcher Award	Best Researcher Award	BSACIST	01.02.2020

27	Ms.S. Ranjani	Best Paper publication Award	Best Paper Award	BSACIST	01-03-20
28	Ms.S. Ranjani Dr. S. Hemalatha	Formulating antibiotic resistance breakers to control multidrug resistant pathogenic bacteria	DST WOS B Mentorship	DST	Oct-19,2019
29	Ms.S. Ranjani Dr. S. Hemalatha	Dye degradation	Best Paper Award	Hindustan College,	13th Sep., 2019.
30	Ms.S. Ranjani Dr. S. Hemalatha	Green Nanoparticles to control MDR isolated from Tannery effluent	Best Paper Award	Shanmuga Industries of Arts and Science College, Thiruvannamalai,	22, January 2020.
31	Ms.S. Ranjani Dr. S. Hemalatha	Green nanocolloids as effective antibacterial agents against UTI causing human bacterial pathogen	Best Paper Award	Sir Thyagaraya college, Chennai	7th February 2020
32	Ms.S. Ranjani Dr. S. Hemalatha	Endophytic fungal extract mediated silver nanocolloids as effective wound healing agents against human bacterial	Best Paper Award	SRM arts and science college	27.09.2019

		pathogen			
33	Ms.S. Ranjani Dr. S. Hemalatha	Green nano colloid mediated nanofabrication to control diabetic wound causing MDR pathogens	Best Paper Award	Sathyabama Institute of Science and Technology, Chennai, India	17-18th September 2019
34	Ms.S. Ranjani Dr. S. Hemalatha	Eco-Green Nanofabrication to control Diabetic Wound" Seminar on Emerging Trends in Eco green Technology	Best Paper Award	New Prince Shri Bhavani Arts And Science College	29.09.2019
35	Dr. Faridha Begum I Dr.S. Hemalatha	Dye degradation	Best Paper Award	Hindustan College, Chennai	13th Sep, 2019.
36	Dr. Faridha Begum I Dr.S. Hemalatha	Green Nanoparticles to control MDR isolated from Tannery effluent	Best Paper Award	Shanmuga Industries of Arts and Science College, Thiruvannamalai,	22, January 2020.

## Achievements of Students

RRN	Name of the Student	Name of the event	Distinction	
170151601043	Girish Naidu	UyirkappomPhotogrpahy Contest	Won	II Place
		FINANCIO 19	Participation	
		Recharge 2019-Shutter up	Runner up	
		Precision 19	participation	
		Intron 2020- Photography	Won	
170151601021	Bharathan	FINANCIO 19	Participation	
		Aura 19- Shipwreck	Won	II Place
		Aura 19- Block n tackle	Won	II Place
		Crescent Creative Sctrokes- Pictionary	Won	I Place
160151601088	Mohamed Asif Salman	Intron 2020- Musical Instrument	Won	
170151601013	Angelin Priscilla. S	Intron 2019 and 2020- Dance and singing	Won	
170151601003	Abdul Haseeb. I	Islamic Studies Quiz	Won	

No	Name of the student PG – 2018-2020	RRN	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Mr. Nasir Hussein, AE	180562601007	Best Paper Presentation Award	Kamaraj College of Engineering and Technology, Virudhunagar	July 18-20, 2019
2.	Mr. Kishore,	180532601012	Third Prize for Poster Presentation	Sathyabama Institute of Science and Technology, Chennai	Sep 17-18, 2019
3.	Ms. Pujithaa, S	180532601018	Many First Prizes in athletic Games	BSACIST	March 11, 2020

#### Research Scholars

No	Name of the student	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Ms. K. Rekha Yamini,	Best Researcher Award	BSACIST	Feb 2020
2	Mr.Hashim Khan	First Prize, Poster presentation	SRM arts and science college, September 27, 2019	March, 2019
3	Mr.Hashim Khan	Best Researcher Award	BSACIST	Feb 2020
4	Ms.Sneha	First Prize, Oral presentation	Hindustan Institute of Science & Technology	March, 2019
5	Ms.S. Ranjani	Received Best Research	BSACIST	Feb 2020



		Award 2020 in BSACIST.		
6	Ms.S. Ranjani	Received best Paper Award 2020	BSACIST	Feb 2020
7	Ms.S. Ranjani	Won best paper award the National conference on Recent Advances in Aquaculture.	Sir Thyagarajan College, Chennai.	7th February ,2020
8	Ms.S. Ranjani	Won Third prize in oral presentation in the National conference on impact of biotechnology in improving human health.	SRM arts and science college,	September 27, 2019
9	Ms.S. Ranjani	Won First prize in oral presentation in National conference on computational biology and medical biotechnology in health care (CBMH 19) "Translational Medicine" .	Sathyabama Institute of science & Technology, Chennai	17-18th September 2019
10	Ms.S. Ranjani	Won First prize in oral presentation in Seminar on	Prince Shri Venkateswara college,	September 29, 2019.

		Emerging Trends in Eco green Technology.		
11	Ms.S. Ranjani	Sanctioned with DST WOSB	DST	October 2019

#### Industry / Institute Collaboration

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1	iBig foundation	Research collaboration, Student Exchange program, Placement	Feb 2017	Ongoing		Research, Student Interns
2	Xinovem, Chennai	Research collaboration	Feb 2016	Ongoing		Research, Student Interns
3	Aaranya biosciences	Research collaboration	November 2016	Ongoing		Research, Student Interns and placement
4	Biozone Research Technologies Pvt. Ltd, Chennai	Research collaboration	April 2016	Ongoing		Research, Student Interns
5	V Clinbio	Research collaboration	June 2016	Ongoing		Research, Student Interns

8	Geomarine biotechnologies	Research collaboration	November 2016	Ongoing	Research, Student Interns
9	Pentagrit Research	Research collaboration	June 2015	Ongoing	sponsored research grant for Ph.D research
10	Medall	Research collaboration	August 2015	Ongoing	Research, Student Interns
11	Hi Rise Food technology lab	Research collaboration	November 2016	Ongoing	Collaborative research in food microbiology 2 master's students will be doing their final year project for 6 months. Ms. Ramya taught 3 credit course on food biotechnology for B.Tech students. Organised 2 workshop on Food technology
12	Medville Cherian heart foundation, Chennai	Research collaboration	2018	Ongoing	Research collaboration
13	Annavarshni Foods LLP	Research collaboration	July 2019	Ongoing	Research, Student Interns

					Student placement One scholar is undergoing training in lab
14	Grow more Biotech	Research collaboration	25 <sup>th</sup> Jan 2020	Ongoing	Research, Student Interns Student placement

#### Professional Society Activities

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Students	Others			
1	Crescent Bioinformatics Association (CBA)	Research, Conference & Publications Awareness program	50	500	15	-	Workshop Seminars Journal club Coding club	
2	Association of cancer education and	Research, Conference & Publications	35	640	15	1.Dr.Ammasiperiasamy WM Keck Center for Molecular Imaging,	International conference/ Seminars	

	Research (ACER)	Awareness program				University of Virginia, USA 2.Dr. Raji Sundararajan Purdue University, USA 3.Dr.AnandhiUpendran University of Missouri, USA 4.Dr. Govind Srimathveeravalli University of Massachusetts, USA 5.Dr. Ashish Kulkarni, University of Massachusetts, USA 6.Dr.Raghuraman Kannan University of Missouri, USA 7. Dr. A. Suresh Kumar CSIR CLRI, Adyar, Chennai. 8. Dr. K.Anbarasu		
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						CSIR CFTRI, Mysuru. 9.Dr. Mohammad Nasiruddin Anand Diagnostic Laboratory, Bangalore.		
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### MoUs Signed

S.No	Name of the firm/Institute	Type of Collaboration	Details of MoU			Outcome Expected	Current status
1	Growmore Biotech Ltd, Hosur on	Research collaboration	25	January	2020	Research, Student Interns, Student placement	Ongoing
2	Annavarshni Foods LLP	Research collaboration	31	July	2019	Research, Student Interns, Student placement	Ongoing

## Extension Activity Conducted

S. No	Type of extension activity	Programme duration	Details of Collaborating Agency & Resource Person	Details of Participants			Details of Beneficiaries	Outcome
				Students	Faculty	Others		
1	Online event on World Microbiome Day 2020 - Quiz	27th June 2020	Dr.S.Hemalatha Dr.Askok Kumar .P	589	22 (College Faculty) +35 (Teachers)+2 (Medical professionals)	-	Students and Teachers from schools, Students and Faculty members from various colleges.	Participants gained knowledge on the importance of Microbiome by attending World Microbiome day Quiz programme. This year the Theme is Diversity .This helped students to understand

								diversity of Microbes, habitats, applications to connect microbiome with researchers.
2	Online event on World Sickle Cell Awareness Day 2020– Quiz in association with Winpath, Unnat Bharath Abhiyan	19th June 2020	In association with Winpath Lab &Healthcare, Unnat Bharath Abhiyan Dr.S.Hemalatha Dr.Askok Kumar .P	439	88	41	Students and Teachers from schools, Students and Faculty members from various colleges.	Created awareness on Sickle cell anemia and to connect students with research.
3	Online event on Desertification and Drought Day 2020 - Quiz in association with Unnat Bharat	17th June 2020	In association with Unnat Bharat Abhiyan (UBA), MHRD &Annavarshini Food LLP,	246	44	41	School Students and Teachers, College Students and Faculty members.	Created awareness on desertification and its impact on economic status of the



	Abhiyan (UBA), MHRD & Annavarshini Food LLP, Chennai		Chennai. Dr.S.Hemalatha Dr.Askok Kumar .P					country
4	Online event on World Brain Tumour Day Quiz in association with Winpath Lab & Healthcare, Unnat Bharath Abhiyan	9th June 2020	In association with Winpath Lab & Healthcare, Unnat Bharath Abhiyan. Dr.S.Hemalatha Dr.Askok Kumar .P	35	4	2	Students and Teachers from schools, Students and Faculty members from various colleges.	Brain tumors are 10 <sup>th</sup> leading cause of mortality in India.
5	World Environment Day 2020 – Quiz in association with Unnat Bharat Abhiyan (UBA), MHRD	5th June 2020	In association with Unnat Bharat Abhiyan (UBA), MHRD Dr.S.Hemalatha Dr.Askok Kumar .P	928	227	60	School Students and Teachers, College Students and Faculty members.	Created awareness on World Environment.

6	Webinar on "Future Perspectives in Biotechnology", in association with Unnat Bharat Abhiyan (UBA), MHRD	11 <sup>th</sup> & 12th June 2020	In association with Unnat Bharat Abhiyan (UBA), MHRD Dr.Ramesh Prabhu . Accenture Services.  Dr.Mohamed Najeeb. Pallavaram Tannery. Mr.Elayaraja Kavithalaya Counseling Centre. Mr.Prabhudoss. 108 Emergency Services	1139	331	42	Students and Teachers from schools, Students and Faculty members from various colleges.	Participants gained knowledge through different sessions of the webinars that includes symptomatic and asymptomatic diseases, Wastewater Treatment, Tele-counseling, Disaster Management, Disease Diagnosis, Mushroom Nutraceuticals, Terrace
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								Gardening
7	Webinar on "Bioinformatics: Scope and Applications"	18 <sup>th</sup> & 19 <sup>th</sup> May 2020	Association of Cancer Education & Research (ACER) & Crescent Bioinformatics Association in association with Tamilnadu State Council for Science & Technology (TNSCST) Dr.S.Hemalatha Dr.Subamoy Banerjee. Dr.S.Sudarkodi.	25	3	-	Students and Teachers from schools, Students and Faculty members from various colleges.	Participants gained knowledge on Resource & Database, Bioinformatics Tools & Analysis, Overview on Application of Bioinformatics on COVID19, Protein structure visualization in PyMol, Immunoinformatics
8	Webinar on "Applications of	4th May 2020	Dr.Soumen Bera	423	151		Students and Teachers from	Participant gained

	Real-Time PCR for Rapid Diagnosis of Communicable and Non-Communicable Diseases”						schools, Students and Faculty members from various colleges.	knowledge on applications of Real time PCR for disease diagnostics
9	Webinar on "Recent Advances and Applications of Biotechnology"	2nd May 2020	Dr.S.Hemalatha Dr.Ashok Kumar.P Dr.Faridha	-	198	43	School Students and Teachers, College Students and Faculty members.	In the Virtual session they shared the knowledge on various advancement in biotechnological techniques. Session I: Recombinant DNA Technology and its application in Biotechnology

								<p>include techniques on Molecular Cloning, Polymerase Chain Reaction (PCR), Plant Tissue Culture and Microbial Application.</p> <p>Session II: Molecular Diagnostics, Gene Therapy, Enzyme-linked immunosorbent assay for rapid detection of diseases (ELISA)</p>
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10	Online event on World IPR Day Quiz	26th April 2020	Unnat Bharat Abhiyan (UBA) Dr.S.Hemalatha Dr.Ashok Kumar.P	4686	1639	410	Students and Teachers from schools, Students and Faculty members from various colleges.	Knowledge development on IPR through conduct of quiz
11	Online Quiz on Covid-19	19th April 2020	Unnat Bharat Abhiyan (UBA) Dr.S.Hemalatha Dr.Ashok Kumar.P	2389	688	379	Students and Teachers from schools, Students and Faculty members from various colleges.	Created and spread awareness on COVID19 through important information.
12	Workshop on "Food Safety, GMP and HACCCP	29th & 30th June 2020	Resource Person Ms. Ramya Kannan CEO Hi-Rise Food Tech Lab	1	3	1 Siddha Doctor	School Students and Teachers, College Students and Faculty members.	Students and Faculty members gained knowledge on Food Safety, GMP and HACCCP

13	National workshop on Workshop on Medicinal mushroom technology	January 30-31, 2020	Sponsored by Tamil Nadu State Council for Science and Technology (TNSCST)	9	5	-	Students and Teachers from schools, Students and Faculty members from various colleges.	Students and Faculty members got hands on experience and visited Mushroom cultivation farm as areal time experience.
14	One day workshop on "BIOINFORMATICS"	2nd July 2019	Dr.S.Hemalatha Dr.Subamoy Banerjee. Dr.S.Sudarkodi.	35	2	-	Students and Teachers from schools, Students and Faculty members from various colleges.	School Students acquired knowledge on Computational tools to explore Biology through computational approach
15	Four day's Short term training programme on	17- 20 December 2019	Dr.Mubarak Ali		15		School Students and Teachers, College Students	Got Real time experience in Algal culturing

Algal culturing techniques and biotechnology (STPACTB)							and Faculty members.	
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### Important Visitors

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1.	Dr. Jeyaraj	Madras University	Research discussion	Research collaboration
2.	Dr. Christopher Taylor Barry	Stanford University, USA Vohra Wound Physician, USA	Delivered talk in 7th Annual International Conference & Exhibition, SPER	Research collaboration
3.	Dr. N. Thajuddin,	Director, NRMCF, Tiruchirappalli, India	Chief guest in International Conference on Emerging Areas in Biotechnology for Human Welfare and Bioentrepreneurship (ICEBHE-2018)	Research collaboration
4.	Dr. Govind	University of	Seminar on Career opportunities in	Placement guidance



		Massachusetts USA	Life	
5.	Dr. K. Jagan	Islet Transplant Lab Virginia Commonwealth University Richmond, VA, USA	Delivered Invited talk in ICBEE 2020	Research collaboration
6.	Dr. R. Jayakumar	Mandapam Regional Centre ICAR – Central Marine Fisheries Research Institute, (CMFRI) Marine Fisheries, Mandapam, India	Delivered Invited talk in ICBEE 2020	Signing MOU, Initiated research collaboration
7.	Dr. M. Gajendran,	Division of Bioengineering Incheon National University Republic of Korea	Delivered Invited talk in ICBEE 2020	Research collaboration
8.	Dr. S. Ravikumar	Department of Biomedical Sciences Alagappa University Karaikudi, India	Delivered Invited talk in ICBEE 2020	Research collaboration

9.	Dr. V. Sivasubramanian	Director - Physcospectrum Environmental Research Centre Chennai, India	Delivered Invited talk in ICBE 2020	Research collaboration
10.	Dr. Bharathi,	GrowmoreBiotech, Hosur, India	Delivered Invited talk in ICBE 2020	Research collaboration
11.	Dr.WilsonArunai	California University of Science and Medicine, USA	Delivered Invited talk in ICBN 2019	Research collaboration
12.	Dr.Nagamani Bora	The University of Nottingham	Delivered Invited talk in ICBN 2019	Research collaboration
13.	Dr.Ramesh Prabhu	Team Leader, Review Safety Physician, Chennai	Delivered Invited talk in ICBN 2019	Research collaboration
14.	Dr.Vasudevan	District Environmental Engineer, Tamil Nadu Pollution Control Board, Chennai	Delivered Invited talk in ICBN 2019	Research collaboration
15.	Dr.MohammedNazeeb	MD, Pallavaram Tannery Industrial Effluent Treatment Co Ltd,	Delivered Invited talk in ICBN 2019	Research collaboration

		Chrompet, Chennai		
16.	Dr.SathiyaRajeswaran	Assistant Director(Siddha), Central Council for Research in Siddha, Chennai	Delivered Invited talk in ICBN 2019	Research collaboration
17.	Ms.Shakila	Tamil Nadu State Council for Science and Technology,Chennai	Delivered Invited talk in ICBN 2019	Research collaboration
18.	Dr. Parthasarathy	Central Council for Research in Siddha, Chennai	Research collaboration	Research collaboration
19.	Dr. Sanjay	Punjab University	External for PhD viva voce	Research collaboration
20.	Dr. Amalanstanley	IITRI	Research collaboration	Research collaboration

## **CRESCENT SCHOOL OF ARCHITECTURE**

## CRESCENT SCHOOL OF ARCHITECTURE

### SALIENT ACHIEVEMENT REPORT (12.07.19 - Till date)

#### ACADEMICS

##### 1.INDUSTRY / INSTITUTE COLLABORATION

- 1 International -Joint studio Program  
Venue: Harriot Watt University, Dubai  
Institute: Harriot Watt University, Dubai  
Students of CSA and Harriotwatt from B.Arch 2018 Batches respectively, collaborated on designing a pavilion for Dubai Expo 2020.
- 2 National -Joint studio Program  
Date: 13.07.2019  
Venue: CSA  
Institute: Thiyagarajar College Of Engineering-Architecture Department, Madurai, Tamil Nadu.  
Students of CSA and TCE from B.Arch., Batches 2017 respectively, collaborated on designing a pavilion for Dubai Expo 2020.



3 National-Joint studio Program

Date: 13.12.2019

Venue: CSA

Institute: Priyadarshini Institute of Architecture and Design, Nagpur,  
India



Students of CSA and PIADS from B.Arch., Batches 2017 & 2018 respectively, collaborated on designing prototypes of Business Cards for Architectural Firms .

4 National -Joint studio Program

Date: 15.12.2019

Venue: CSA

Institute: Lokmanya Tilak Institute of Architecture and Design, Navi  
Mumbai, India Students of CSA and LTIADS from B.Arch., Batches  
2019, collaborated on designing prototypes of Cover Page for  
Magazines Architectural Schools



5 International Joint studio Program

Date: 17.01.2020

Venue: LaSalle College - Indonesia

Institute: LaSalle College -Indonesia

Students of CSA and TCE from B. Arch and B. Des Batches 2017



respectively, A one day workshop held in LaSelle college, Jakarta .There were Exchange of ideologies on how studios were conducted , we were taught on the Rattan Furniture making, from scratch part of which was miniature model making session which involved almost all the tools of furniture making and actual raw materials.

## 2.VALUE ADDED PROGRAMS

1 *Software classes* -CSA in collaboration with Practicing architects hosted a semester Integrated Digital & Parametric Architecture sessions for 2017,2018 B. Arch batches and for B. Des 2018 batch respectively as a part of design studio for the past Two semesters (July-Nov 2019) and (Jan-May 2020).

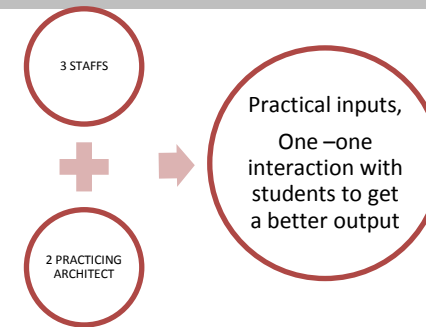


2 Skill Development sessions offered for B. Arch 1<sup>st</sup> year students (1<sup>st</sup> sem and 2<sup>nd</sup> sem) and for B. Des students (1<sup>st</sup> sem)-By expertise for the 1<sup>st</sup> years during the academic session (July-Nov 2019) and (Jan-May 2020).



### 3. RENOWNED PRACTISING ARCHITECTS FOR GUIDING STUDENTS

- 1 Industrial involvement in design-Every semester we have two design problem, three design faculties and two practicing architects for each studio.
  - 10-15 students for 1 faculty will review the students work continuously
  - 20 students for 2 practicing architect will review the students work once in two weeks.



### 4. CONFERENCES / FDP / SEMINARS / WEBINARS/WORKSHOPS CONDUCTED

#### WORKSHOPS CONDUCTED

- 1 TEXTILE PRINTING WORKSHOP by Artist-B. Des 3<sup>rd</sup> year students were taught about the process and the techniques involved in textile printing as a part of allied design studio course during the academic session (July-Nov 2019)





2 CLAY WORKSHOP-Students -1<sup>ST</sup> YEAR B.Arch 1<sup>st</sup> year students were thought about the process and the techniques involved in clay handling as a part of allied design studio course during the academic session (July-Nov 2019)



3 3D SOFTWARE WORKSHOP- sessions for students of B. Arch & B. Des Batches 2017 / 2018 where they learn and experiment with parametric design and modeling tools.



4 BLOCK PRINTING WORKSHOP by Artist--B. Des 1<sup>ST</sup> year students were taught about the process and the techniques involved in block printing as a part of allied design studio course during the academic session (Jan-May 2019)



## SEMINARS CONDUCTED

### 1 TOPIC-ENERGY EFFIECIENCY

15th November, 2019

Speaker: Dr. Rowland Travis, Associate Professor, University of Nottingham.



### 2 TOPIC- Final year architecture students were imparted insightful knowledge on dissertation and thesis presentations. 5th September, 2019

Speaker: Ar. AbhijeetShirodkar, Director, Amity School of Architecture and Planning.



### 3 TOPIC- Interaction with our young minds the fresher's *B.Arch. Year I.* Speaker Ar. Solomon D. Vedamuth: Director, McGans'sOoty School of Architecture and Ex Member, Council of *Architecture to TALK WITH OUR YOUNG MINDS - Students of B.Arch. Year I.*



## 5. INTERNATIONAL VISITS BY FACULTY / STUDENTS

- 1 DUBAI-ABU DHABI -7 days International visit  
Visited various places in the city which has most fascinating modern structures, construction techniques. Students admired visual connectivity between the places, 'Burj Al Arab' is an inimitable hotel, it is peerless and the only 7-star hotel in the entire world is one of the key spot and various innovation in the tourist spots  
B. Arch (Batch: 2018 - 2023) students with 5 faculties went for the trip.
- 2 INDONESIA-JAKARTA -8 days International visit  
B. Arch (Batch: 2017 - 2022) and B. Des (2017-2021) students with 5 faculties went for the trip.



## 6. STUDENTS - INDUSTRIAL VISIT/LOCAL CASE STUDY VISITS

- 1 B. Arch (batch 2017-2022)- III rd year  
Case study visit to Casa grande, Navalur on 11 January 2020 for Studio Design Project -Gated community



- 2 B. Arch (batch 2019-2024), Case study visit -as a part of their Architectural Design.
  1. Visit to cholamandalam artists village
  2. Visit to Mahabalipuram
  3. VR mall \_ co-working space
  4. Express avenue – co-working space
  5. Mr. Singaravelu's residence –Madhavaram, designed by Ar.Murali



3 Case study visit -B. Des batch (2019-2023)

1. Furniture showroom- studio pepper fry
2. Urban ladder



4 Case study visit -B. Arch II year, (Batch - 2018-

- 2023) to
1. Big bazaar for Retail shop design
  2. SPAR Hypermarket - Forum Mall, Chennai

5 Case study for hotel Interiors: B. Des batch(2018-2022)

1. Hilton, Guindy
2. Park Hyatt, Guindy
3. Residency Towers, T.Nagar



- 6 B. Des 3<sup>rd</sup> year students visited (Batch 2017-2021)
1. Factory visit to T2T for Modular furniture system
  2. V7 hotel for Hotel interiors (Interior design studio-iv)
  3. Spence Plaza - Documentation (Interior design studio-V)



#### 7. EQUIPMENT PURCHASED

- 1 *Purchased VR glass and equipments needed.*

#### 8. ACHIEVEMENTS OF STAFF

- 1 Dean – Prof G. Jayalakshmi, WON the all India elections and became ELECTED MEMBER OF COUNCIL OF ARCHITECTURE.
- 2 Chief Guest for the meet organized by Indian Institute of Architects “New trends in Architectural Education” 10x10 talks.
- 3 Chief Guest for ” Faculty Development Program on Celebrating Women in Architecture “ presented by Nehru school of Architecture ,Coimbatore (9.3.2020)

#### 9. PAPERS PUBLISHED/ PRESENTED IN JOURNALS & CONFERENCES

- 1 Ar. Satya, Assistant Professor- paper presented & published in International Conference on “Emerging Trends in Design, Architecture and Civil Engineering” - Assessment pattern for Architectural design.
- 2 Ar. Milan Shamili, Assistant Professor -paper presented & published in International Conference on “Emerging Trends

in Design, Architecture and Civil Engineering” - Assessment pattern for Architectural design.

- 3 Ar.PriyaKulkarni, Assistant Professor - Research Article published in International journal of Engineering Science and Computing-IJESC, Volume 10 Issue No.5.

#### 10.CONFERENCES / FDP / SEMINARS /WEBINARS/ WORKSHOPS ATTENDED

- 1 Dean - Prof.G.Jayalakshmi, participated in ” Faculty Development Program on Celebrating Women in Architecture “ presented by Nehru school of Architecture ,Coimbatore.(9.3.2020)
- 2 Ar.Thilakavathi, Assistant Professor participated in Workshop "Writing for Research Purposes" on 19-07-2019 & 20-07-2019 , conducted by Department of English and Dean / Research office, BSACIST
- 3 Ar.Satya, Assistant Professor participated in Workshop "Writing for Research Purposes" on 19-07-2019 & 20-07-2019 , conducted by Department of English and Dean / Research office, BSACIST
- 4 Ar.MilanShamili, Assistant Professor participated in Workshop "Writing for Research Purposes" on 19-07-2019 & 20-07-2019 , conducted by Department of English and Dean / Research office, BSACIST
- 5 Ar.Abinaya, Ar.Vijay, Ar.Chitraprabha, Ar.Sathya and Ar.Millanshamili participated in Intercultural collaboration with LaSalle College, Jakarta on January 2020
- 6 Ar.Judha, Assistant Professor participated in site selection as an effective project management tool, conducted by SAP(Webinar-23/05/20)
- 7 Ar.Rubiya C, Assistant Professor participated in the webinar: on "Environment & Sustainable Development" organized by Francis Xavier Engineering College on 23/5/2020
- 8 Ar.Rubiya C, Assistant Professor participated in the webinar: "FDP on Researching Teaching in Architecture Education" organized by AMS Academy of Architecture from 6/5/2020 to 9/5/2020

- 9 Ar.Rubiya C, Assistant Professor participated in the webinar on "Green Building Technology" organized by Chennai Institute of Technology on 21/5/ 2020
- 10 Ar.Saritha SC, Associate Professor participated in the webinar on building fitness indicator conducted by Griha council.
- 11 Ar.S.Sangeetha, Associate professor, participated in Faculty development program- 2019 on "Ideating architectural design education" at MSAJA
- 12 Ar.S.Sangeetha, Associate professor, participated in five days online FDP programme on Research (16/05/20 – 20/05/20) , Organized by SAID - SRMIST, Kattankulathur
- 13 Dr.Sathish Kumar participated in online Workshop on "Scientific Writing for Journals" organized by Springer Nature on 15th May 2020
- 14 Ar.Ernie ,Associate Professor--Participated in the webinar: "FDP on Researching Teaching in Architecture Education" organized by AMS Academy of Architecture from 6/5/2020 to 9/5/2020
- 15 Ar.HemaPrithikka, Assistant Professor-Participated in webinars DESIGN PLATEAU webinar series organized by Sketchup India, 2020 (18 - 25th April)
- 16 Ar.Rajalaxmi, Assistant Professor-Participated in webinar DESIGN PLATEAU webinar series organized by SketchupIndia, 2020 (18 - 25th April)
- 17 Ar.Rajalaxmi, Assistant Professor-Participated in webinar INTERNATIONAL TALK SERIES 2020, Organized by SAID - SRMIST, Kattankulathur (11th - 22nd may).
- 18 Ar.HemaPrithikka, Assistant Professor-Participated in webinar INTERNATIONAL TALK SERIES 2020, Organized by SAID - SRMIST, Kattankulathur (11th - 22nd may)
- 19 Ar Maithreyi S., Assistant Professor-Participated in Webinar:"Life as a Creative Pursuit", Speaker - Ar.Habeeb Khan,



- President, COA, conducted by Chettinad School of Architecture
- 20 Ar Maithreyi S., Assistant Professor-Participated in Webinar:""Light, Shadow & The Picture", Speaker - John Edwards, HOD of Pearl Academy, Photography Department & a Traveller, New Delhi, conducted by RVS Chennai
- 21 Ar Maithreyi S., Assistant Professor-Participated in Webinar:""Future of Architecture, post covid scenarios", Speakers - Ar.Pramod Balakrishnan, Ar.Sriram Ganapathi, Ar.Kishore Panikkar.
- 22 Ar Maithreyi S.,Assistant Professor-Participated in Webinar:""Sustainable Living & Entrepreneurship", Speaker - Veena Vignesh from EVERWARDS, India, a sustainable living store

## 11. ACHIEVEMENTS OF STUDENTS

- 1 COA national award for excellence in Architectural thesis 2019-(batch 2014-2019) student shortlisted under top 10 category under zone 05
- 2 Fourth year students –Hospital project sheets are shortlisted for “Archi display festival 2020” conducted by ArchiPedia
- 3 Transparence best studio project awarded to - Naveen, Pooja and Rameez (batch 2014-2019)
- 4 Archipedia entries for Design Festival 2020 - Habitat - submitted by Bilal, Farhathullah, Kamesh, Harisdan, and Karthick;2016-21 batch

## 12. COMPETITION PROJECTS ATTENDED BY STUDENTS

- 1 Transparence -14.0-(batch 2015-2020) students participated in transparence conducted by ethos-12 groups participated.

- 2 Inayath from batch 2015 -2020 participated in Archpedia Display festival 2020
- 3 Essay writing competition'20 – Namitha and Aparna participated in Role of Architecture in Nation building , organized by Council of Architecture., (batch 2017-2022)
- 4 Students participated in International competition – Graphic for Gratitude, conducted by Symbiosis School of Architecture, Urban development & planning.
- 5 Student Manohar Marshal and Daryl Naveena (batch 2019-2024) participated in essay competition conducted by DayanandaSagar college of architecture, Bengaluru.
- 6 Students (2016-21) batch participated in Habitat - RETHINKING STUDENT HOUSING IN INDIA" by Archmello.
- 7 Students participated (Batch 2015-2020) in Transparence -14.0 by ethos (Railport design).
- 8 Students sent an entry to Asia young designer awards- a sustainable future by Ethos.(Batch : 2015 - 2020)
- 9 Natasha & Shreya- 2 Students (Batch : 2018 - 2023) participated in Essay writing competition'20 – Role of Architecture in Nation building ,organized by Council of Architecture.

### 13.STUDENTS ACTIVITIES

- 1 Students were selected and trained by a professional for forming CSA Music band.



- 2 CSA FOOD FESTIVAL-2019  
Organized Food festival for the students.



#### 14. EXTENDED ACHIEVEMENTS/ OTHERS

- 1 School of Architecture block is selected among the top 5 projects in the world for the “Arch daily – BUILDING OF THE YEAR 2020” within the educational category over 4000 projects across the world.
- 2 CSA Promotion ,events, updates & Activities like CSA Movie mania challenge wiith CSA Hashtag, are updated and conducted through Social media platform-(Facebook, instagram & twitter)
- 3 Architecture visualization – Online software classes were conducted for students in the lockdown period.
- 4 Many online activities like webinar, training crash courses for students and faculty planned to be conducted in the lockdown period.

## **DEPARTMENT OF MANAGEMENT STUDIES**

## DEPARTMENT OF MANAGEMENT STUDIES

### Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	Role of Logistics during Covid 19 a global pandemic and why this sector is a boom for more employments	08.06.2020	2 Hours	St. Britto's Academy	65	15	-
2.	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	24.04.2020	3 Hours	TCSion	-	15	-
3.	Entrepreneur Awareness Camp (Organized by DoMS, BSACIST in association with National Small Industries Corporation (NSIC), A Govt. of India Undertaking) and NSIC Technical Services Centre	06.11.2019 - 08.11.2019	3 days	NSIC TSC	75	-	-
4	Orientation for I MBA students	19.08.2019		-	120	-	-



Details of Field visits organized by the department

Sl. No	Participant Details				Name of accompanied faculty	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1.	MBA	I & III	A & B	167	Mrs. T. Rocky	HatsunAgro	13.11.2019,	Realtime	Yes

					Devi Dr. D. Asokk Dr. Ansari Sarwar Alam	Products, Kanchipuram	14.11.2019 & 15.11.2019	experience of how a manufactur ing facility functions	
2.	MBA	III	A & B	74	Dr. J. Hemalatha, Mrs. T. Rocky Devi, Dr. D. Asokk & Mr. Arun Prasad	Triway Container Freight Station Minjur, Chennai	02.11.2019	Realtime experience of CFS functions	Yes



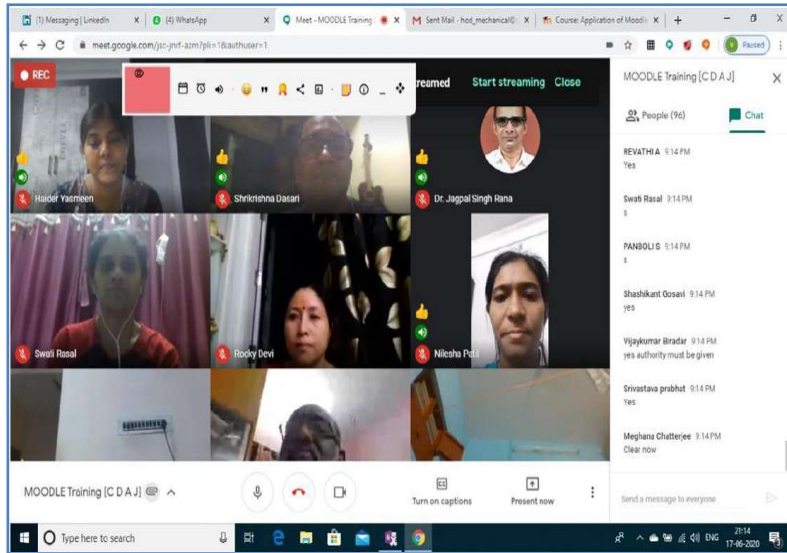
Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From – To	Details of Collaborating Agency/Institution	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	FDP	Application of Moodle LMS	11.06.2020 – 26.06.2020	DY Patil College of Engineering, Akurdi, Pune Jamia Millia Islamia University, New Delhi	Dr. Haider Yasmeen/Prof /Mgmt Studies/ Moderator and Organizer  Prof. Dr. Vinay/HoD Mech/DY Patil College of Engineering, Pune/Key note Speaker &Trainer	25	-	95  (across different districts and states of India)	-
2.	Guest Lecture	Digital	06.03.2020	NIL	Dr. Syed Mohsin	-	15	-	-



		Marketing			Ashfaquddin Director In Charge (CDM), BSACIST				
3.	Alumni Interaction	Managerial jobs for tomorrow	03.12.2019	NIL	Mr. S. Ramajagan, Sr. Manager( Risk Analytics) HDFC Bank, Chennai	-	120	-	-
4.	Workshop	Business Analytics using Power BI	15.11.2019 - 22.11.2019	NIL	Mr. Banukumar, Arra Associates, Chennai	-	119	-	-
5.	Seminar	Future of Logistics and Supply chain management	12.11.2019	NIL	Dr.P.Chandiran, Associate Professor & Chairperson, & Dr.L.Aravindh Kumaran, Assistant Professor,	-	65	-	-

					Centre for Logistics & Supply Chain Management, LIBA.				
6.	Workshop	MS Excel for Supply Chain Analytics	19.10.2019	Maruti 3PL Solutions, Chennai	Mr. D. Sriram	-	50	-	-
7.	Workshop	Crescent International Students Residential Workshop on Management Practices	29.07.2019 – 04.08.2019	-		-	-	36	-





Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No.	Name of the Activity	Duration	Details of financial support received from Institution	Remarks
1.	Workshop on Business Analytics	15.11.2019 & 22.11.2019	Rs. 16,000/-	NIL
2.	Seminar on Future of Logistics and Supply chain management	12.11.2019	Rs. 6,000/-	NIL
3.	Entrepreneur Awareness Camp (Organized by DoMS, BSACIST in association with National Small Industries Corporation (NSIC), A Govt. of India Undertaking) and NSIC Technical Services Centre	06.11.2019 – 08.11.2019	Rs. 5,168/-	NIL
4.	Workshop on MS Excel for Supply Chain Analytics	19.10.2019	Rs. 8,000/-	NIL



Conferences / FDP / Seminars / Workshops Attended

S.No.	Name of the faculty	Name of the programme	Type of Programme	Duration	Organizing Agency	Details of Sponsorship amount received
				From - To		(Rs)
1.	Dr. Haider Yasmeen	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	Training Session	24.04.2020	BSACIST	-
2.	Dr. S. Panboli	Data sciences	FDP	18.11.2019 - 22.11.2019	AICTE (ATAL) & NPTI (Neyveli)	-
3.	Dr. S. Panboli	Entrepreneurship startups for Students	Webinar	19.04.2020	BSACIST	-

4.	Dr. S. Panboli	How to write papers, proposals for research projects, Patents & consultancy	Webinar	21.04.2020	BSACIST	-
5.	Dr. S. Panboli	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	Training Session	24.04.2020	BSACIST	-
6.	Dr. S. Panboli	Online teaching and branding	Webinar	25.04.2020	BSACIST	-
7.	Dr. S. Panboli	How to build brand equity for your company?	Webinar	28.04.2020	BSACIST	-
8.	Dr. S. Panboli	Use of technology in educational content development	Webinar	04.05.2020	NPTEL	-
9.	Dr. S. Panboli	Opportunities in E- commerce	Webinar	05.05.2020	BSACIST	-
10.	Dr. S. Panboli	Data science using Python	Workshop	11.05.2020 - 15.05.2020	360 DigiTMG	-



11.	Dr. S. Panboli	EBSCOhost research methodology session on BSE & AAC	Webinar	14.05.2020	BSACIST	-
12.	Dr. S. Panboli	Python for data analysis	Webinar	19.05.2020	360 DigiTMG	-
13.	Dr. S. Panboli	Stock Market - Live trading session	Training Session	22.05.2020	MCUBE Academy	-
14.	Dr. S. Panboli	Various project opportunities for DST funding- Strategies on International collaboration	Webinar	23.05.2020	BSACIST	-
15.	Dr. S. Panboli	Post Covid World: Skills & strategies for faculty	Webinar	25.05.2020	Loyola Institute of Business Administration	-
16.	Dr. S. Panboli	Strategies to improve speaking skills	Webinar	27.05.2020	Oxford University Press	-
17.	Dr. S. Panboli	Python Programming	Webinar	27.05.2020 - 28.05.2020	360 DigiTMG	-
18.	Dr. S. Panboli	Unlock India - A management perspective	Webinar	06.06.2020 - 08.06.2020	JSPM's RajarshiShahu College of Engineering, Pune & IQAC	-

19.	Dr. S. Panboli	Role of Logistics during Covid 19 a global pandemic and why this sector is a boom for more employments	Webinar	08.06.2020	BSACIST	-
20.	Dr. S. Panboli	NeuroLinguistic Programming	Webinar	10.06.2020 - 16.06.2020	BSACIST(CFL & DoMS)	-
21.	Dr. S. Panboli	Analytics for all - Jobs & associated skills	Webinar	11.06.2020	JSPM & JIMS, Pune	-
22.	Dr. S. Panboli	Application of MOODLE LMS	FDP	11.06.2020-25.06.2020	BSACIST/DYPCO E, Pune	-
23.	Dr. S. Panboli	How venture capital works - The middle-east experience	Webinar	13.06.2020	BSACIST	-
24.	Dr. S. Panboli	Data visualization using Tableau	Webinar	15.06.2020	Kings Engineering College	-
25.	Dr. S. Panboli	Exploring cryptocurrency in Academic perspective	Webinar	18.06.2020	Computer Society of India	-
26.	Dr. S. Panboli	Introduction to e learning content creation	Webinar	22.06.2020	Computer Society of India	-
27.	Dr. S. Panboli	Data visualisation using Tableau	Webinar	26.06.2020	Mookambigai College of Engineering	-

28.	Dr. S. Panboli	Linear Discriminant Analysis	Webinar	29.06.2020	Stat Craft	-
29.	Dr. N. Anuradha	Trading in Equity	FDP	29.06.2020 - 30.06.2020	NISM, Mumbai	-
30.	Dr. N. Anuradha	Strategies for low budget research	Webinar	20.05.2020	CIIC	-
31.	Dr. N. Anuradha	Getting started with AWS	Webinar	19.05.2020	CIIC	-
32.	Dr. N. Anuradha	Cyber forensic and current challenges	Webinar	13.06.2020	BSACIST	-
33.	Dr. N. Anuradha	Managing online classes and co-creating moocs:2.0	FDP	18.05.2020 - 03.06.2020	Ramanujan College, Delhi	-
34.	Dr. N. Anuradha	Neuro linguistic program	Webinar	10.06.2020 - 16.06.2020	BSACIST	-
35.	Dr. N. Anuradha	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	Webinar	24.04.2020	BSACIST	-
36.	Dr. N. Anuradha	Gamification tools in Teaching	Webinar	07.05.2020	St Xavious college for	-

					women, Aluva	
37.	Dr. N. Anuradha	Changes in the Higher Education Sector and Strategies for Management Education in India	FDP	06.05.2020	Business Standard Learning	-
38.	Dr. N. Anuradha	Reconfigure Integrated Financial Markets In Wake Of COVID 19	Webinar	18.05.2020	Indian Accounting Association – Mumbai Chapter	-
39.	Dr. N. Anuradha	Various Project Opportunities for DST Funding – Strategies on International Cooperation	Webinar	23.05.2020	BSACIST	-
40.	Dr. N. Anuradha	Research Methodology	Training Session	14.05.2020	EPSCO Host	-
41.	Dr. N. Anuradha	Blockchain	FDP	22.06.2020 - 26.06.2020	Jntua College Of Engineering (Autonomous)Puli vendula	-
42.	Dr. N. Anuradha	Design thinking	FDP	01.02.2020 - 31.03.2020	NPTEL	-
43.	Dr. N. Anuradha	Blockchain	FDP	25.05.2020 -	NIT Warangal	-

				29.05.2020		
44.	Dr. N. Anuradha	HTML	FDP	20.04.2020 - 24.04.2020	IIT Bombay	-
45.	Dr. N. Anuradha	Data visualization using Tableau	Webinar	30.04.2020	Brain Swig Edutech Pvt Limited	-
46.	Dr. Chandrika Srinivas	Stress Management	Webinar	12.04.2020	BSACIST	-
47.	Dr. Chandrika Srinivas	Advances through adversities	Webinar	14.04.2020	BSACIST	-
48.	Dr. Chandrika Srinivas	Why and how to write papers, proposals for research,projects,patents& consultancy	Webinar	21.04.2020	BSACIST	-
49.	Dr. Chandrika Srinivas	Building Strong brands	FDP	17.04.2020 - 18.04.2020	MMA	-
50.	Dr. Chandrika Srinivas	Virtual teaching	FDP "	20.04.2020 - 21.04.2020	Coimbatore Institute of Technology	-
51.	Dr. Chandrika	Moodle Learning	FDP	29.04.2020 -	Kaypeeeyes	-

	Srinivas	Management system		01.05.2020	college, Nilgris	
52.	Dr. Chandrika Srinivas	Moodle Learning Management system	Quiz	30.04.2020 - 04.05.2020	G Venkatasamy Naidu college+ Spoken tutorial, IIT Bombay	-
53.	Dr. Chandrika Srinivas	COVID 19 Combatant	Training"	11.04.2020	Vinayaka Mission Research Foundation	-
54.	Dr. Chandrika Srinivas	Moodle Learning Management system	Workshop	01.05.2020	KPCAS, Nilgris	-
55.	Dr. Chandrika Srinivas	Research avenues in Commerce and Management	Webinar	01.05.2020	Dr. SNS Rajalakshmi College, Coimbatore	-
56.	Dr. Chandrika Srinivas	KanavuMeipada	Webinar	01.05.2020	Fine Mind Placement Academy Pvt Ltd	-
57.	Dr. Chandrika Srinivas	Introduction to Leadership from the emerging future	National level quiz	02.05.2020	BSACIST	-
58.	Dr. Chandrika	COVID 19	Test	03.05.2020	Geeta Jeevan Arts	-

	Srinivas				& Science college, Tuticorin	
59.	Dr. Chandrika Srinivas	Moodle Test for teachers	Webinar	04.05.2020	G Venkatasamy Naidu college+ Spoken tutorial, IIT Bombay	-
60.	Dr. Chandrika Srinivas	Opportunities in E-commerce	FLP	05.05.2020	BSACIST	-
61.	Dr. Chandrika Srinivas	Changes in the higher education sector and strategies for Management education in India	Webinar	06.05.2020	Business Standard	-
62.	Dr. Chandrika Srinivas	Gamification Tools in Teaching	Workshop	07.05.2020	St. Xavier's college for women, Aluva	-
63.	Dr. Chandrika Srinivas	Writing Research Articles using LATEX	Awareness Programme	07.05.2020	Dr. SNS Rajalakshmi College, Coimbatore	-
64.	Dr. Chandrika Srinivas	NAAC Awareness Programme for faculty	Webinar	08.05.2020 - 14.5.2020	Marathwada Mitramandal	-

					Institute of Technology, Pune	
65.	Dr. Chandrika Srinivas	Startup Launchpad	Workshop	11.05.2020 - 16.05.2020	GJASC	-
66.	Dr. Chandrika Srinivas	Data science using Python	Webinar	11.05.2020 - 15.05.2020	360DigiTMG, Chennai	-
67.	Dr. Chandrika Srinivas	Research Methodologies and its tools	Webinar	12.05.2020	BSACIST	-
68.	Dr. Chandrika Srinivas	Europe -India opportunities for Start-ups in Covid times	National level webinar	12.05.2020	BSACIST	-
69.	Dr. Chandrika Srinivas	Doctoral Thesis: Key components and research Skills	Training session	14.05.2020	S M Shetty college, Mumbai	-
70.	Dr. Chandrika Srinivas	EBSCOhost session on Research methodology	Workshop	14.05.2020	BSACIST	-
71.	Dr. Chandrika Srinivas	Scientific writing for Journals	FDP	15.05.2020	Springer Nature	-
72.	Dr. Chandrika Srinivas	Implementation of 5S Methodology in the prevention of COVID19	Webinar	16.05.2020	Veltech Ranga Sanku arts college, Chennai	-



73.	Dr. Chandrika Srinivas	Getting started with AWS	Webinar on	19.05.2020	BSACIST (CIIC)	-
74.	Dr. Chandrika Srinivas	Strategies for Low Budget research	Training	20.05.2020	BSACIST (CIIC)	-
75.	Dr. Chandrika Srinivas	The importance of Digital Libraries in research and learning	International FDP	21.05.2020	BSACIST + Knimbus	-
76.	Dr. Chandrika Srinivas	Contemporary ICT to facilitate Constructivist learning of Digital natives	International Webinar	22.05.2020 - 28.05.2020	Auxillium College, Vellore + Niwaz college, Oman	-
77.	Dr. Chandrika Srinivas	Various project opportunities for DST funding- Strategies on International cooperation	Quiz	23.05.2020	BSACIST	-
78.	Dr. Chandrika Srinivas	Awareness of Covid 19 & need of physical activity	Webinar	24.05.2020	BSACIST	-
79.	Dr. Chandrika Srinivas	A systematic software-based approach to implement outcome-based education to achieve excellence leading to accreditation readiness through IONCUDOS	Webinar	24.05.2020	IONIDEA, Mumbai	-

80.	Dr. Chandrika Srinivas	BIRAC's role in creating the start up innovation ecosystem	Webinar	29.05.2020	-	-
81.	Dr. Chandrika Srinivas	Business and COVID-19	International webinar	30.05.2020	-	-
82.	Dr. Chandrika Srinivas	Addiction: Learn-Unlearn coupling	Webinar	31.05.2020	BSACIST	-
83.	Dr. Chandrika Srinivas	Research Grant opportunities	Webinar on	06.06.2020	Arumugam Pillai Seethaiammal College, Tiruppattur	-
84.	Dr. Chandrika Srinivas	Govt. funding schemes/subsidies for MSME & Start ups	Professional development program	07.06.2020	BSACIST	-
85.	Dr. Chandrika Srinivas	Scholarly Publication	Professional development program	09.06.2020 - 13.06.2020	MSSW	-
86.	Dr. Chandrika Srinivas	Neuro Linguistic Programming	Programme	10.06.2020 - 16.06.2020	BSACIST	-
87.	Dr. Chandrika Srinivas	Developing Critical thinking and communication skills through visuals	International Webinar	10.06.2020	BSACIST	-

88.	Dr. Chandrika Srinivas	The changing role of HR in the age of COVID-19	International webinar	17.06.2020	GJASC, Kovilpatti	-
89.	Dr. Chandrika Srinivas	Application of Moodle LMS	FDP	11.06.2020 - 25.06.2020	BSACIST	-
90.	Dr. Chandrika Srinivas	Enhancing Digitilisation Teaching in the Post-COVID period	International FDP	18.06.2020 - 24.06.2020	MEPCO Schleink Engg college Kovilpatti	-
91.	Dr. Chandrika Srinivas	Art of writing a Project proposal	Webinar	20.06.2020	Arumugam Pillai Seethaiammal College, Tiruppattur	-
92.	Dr. Chandrika Srinivas	Assessment Literacy: Challenges and Innovations	International FDP	18.06.2020 - 20.06.2020	PSG college, Coimbatore +ELTAI	-
93.	Dr. Chandrika Srinivas	Road map to higher education- Post COVID-19	GIBBS Talks	28.06.2020	NAAC	-

94.	Dr. J. Hemalatha	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	Training Session	24.04.2020	BSACIST	-
95.	Dr. J. Hemalatha	Role of Logistics during Covid 19 a global pandemic and why this sector is a boom for more employments	Webinar	08.06.2020	BSACIST	-
96.	Dr. J. Hemalatha	Re-Energizing the Classroom: Through the Use of Gamification and Experiential Activities in Management Education	AICTE sponsored short course	02.03.2020 - 07.03.2020	DoMS, IIT Madras	-
97.	Dr. J. Hemalatha	Data Analytics for Logistics Professionals	Workshop	27.11.2019 - 28.11.2019	Madras Management Association	-
98.	Mrs. T. Rocky Devi	HR Analytics	Workshop	26.07.2019 - 27.07.2019 &	Madras Management	Rs. 6,500/-

				02.08.2029 - 03.08.2019	Association	
99.	Mrs. T. Rocky Devi	Building Dashboard & BI Solutions using Google Data Studio	Workshop	13.09.2019	Madras Management Association	-
100.	Mrs. T. Rocky Devi	How to survive COVID19's impact on your business	Webinar	02.04.2020	Crescent Innovation Incubation Council	-
101.	Mrs. T. Rocky Devi	All about patent and intellectual property right	Webinar	26.04.2020	Crescent Innovation Incubation Council	-
102.	Mrs. T. Rocky Devi	Data Visualization Using Tableau	Webinar	30.04.2020	BrainSwig Edutech Pvt. Ltd., Chennai	-
103.	Mrs. T. Rocky Devi	HR Analytics in Talent Management	Refresher Programme	12.05.2020	Udemy	-
104.	Mrs. T. Rocky Devi	NLP (Neuro Linguistic Programming)	FDP	10.06.2020 - 16.06.2020	BSACIST	-
105.	Mrs. T. Rocky Devi	Application of Moodle LMS	FDP	11.06.2020- 25.06.2020	BSACIST/DYPCO E, Pune	-

106.	Mrs. T. Rocky Devi	Roadmap to Higher Education - Post Covid 19	Webinar	28.06.2020	Gittarattan International Business School	-
107.	Dr. Ansari Sarwar Alam	Two days faculty development program on Teaching Techniques	FDP	18.08.2019 - 30.08.2019	Department of IT, Trichy	-
108.	Dr. Ansari Sarwar Alam	12 days faculty development program for young social science faculty members.	FDP	27.04.2020	Bharathiar University Arts and Science College, Pollachi	-
109.	Dr. Ansari Sarwar Alam	The fundamentals of Digital Marketing	Online Certification course	14.04.2020	Google Digital Unlocked	-
110.	Dr. Ansari Sarwar Alam	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	Training Session	24.04.2020	BSACIST	-
111.	Dr. Ansari Sarwar Alam	Research Methodology	FDP	27.04.2020	Bharathiar University Arts and	-

					Science College, Pollachi	
112.	Dr. Ansari Sarwar Alam	EBSCOhost research methodology session on BSE & AAC	Training Session	14.05.2020	BSACIST	-
113.	Dr. Ansari Sarwar Alam	The Importance of Digital Libraries in Research and Learning	Training Session	21.05.2020	BSACIST	-
114.	Dr. Ansari Sarwar Alam	Various Project Opportunities for DST Funding – Strategies on International Cooperation	Webinar	23.05.2020	BSACIST	-
115.	Dr. Ansari Sarwar Alam	An Introduction to Consumer Neuroscience & Neuromarketing	Online Certification course	03.06.2020	Coursera	-
116.	Dr. Ansari Sarwar Alam	Career Edge- Knockdown the lockdown	Online Certification course	08.06.2020	TCS ion	-
117.	Dr. Ansari Sarwar Alam	Neuro Linguistic Programming (NLP)	Webinar	10.06.2020- 16.06.2020	BSACIST	-
118.	Dr. Ansari Sarwar Alam	Cyber Forensics and The current challenges	Webinar	13.06.2020	BSACIST	-

119.	Dr. D. Asokk	Business Analytics for Social Science	FDP	05.12.2019 - 19.12.2019	Sri Krishna College of Technology, Coimbatore	-
120.	Dr. D. Asokk	Theory Building and Article writing for Top Tier Journals	FDP	12.05.2019 - 13.05.2019	Cauvery College for Women	-
121.	Dr. D. Asokk	Business Analytics	Workshop	07.04.2019 - 12.04.2019	National Institute of Technology (NIT)	-
122.	Dr. D. Asokk	Role of EQ in Personal Development	Webinar	19.04.2020	Bagwan Mahavir University	-
123.	Dr. D. Asokk	Gamification Tools in Teaching	Webinar	07.05.2020	St.Xaviers College of Women, Aluva	-
124.	Dr. D. Asokk	Writing Research proposals	Webinar	24.04.2020	Adarsh group of Institutions, Bengaluru	-
125.	Dr. D. Asokk	Startup Financing	Webinar	20.04.2020	Bagwan Mahavir University	-
126.	Dr. D. Asokk	Decoding Examination during covid 19	Webinar	08.05.2020	SkillSlate	-



127.	Dr. D. Asokk	Mind & Body	Webinar	30.04.2020	SRM Institute of Science & Technology	-
128.	Dr. D. Asokk	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	Webinar	24.04.2020	IonKudos	-
129.	Dr. D. Asokk	Art of Writing research articles in Hi indexed journals	Webinar	29.04.2020 - 30.04.2019	Nehru Arts & Science College - Coimbatore	-
130.	Dr. D. Asokk	Python	Webinar	28.01.2020	IIT Bombay	-
131.	Dr. D. Asokk	Teaching & learning tools in modern era	Webinar	29.05.2020	Sri Ramakrishna Arts & Science College	-
132.	Dr. D. Asokk	FRENCH Language	Webinar	12.05.2020	Providence college for women	-
133.	Dr. D. Asokk	Future of Entrepreneurship & Employment	Webinar	13.05.2020 - 14.05.2019	Nehru Arts & Science College - Coimbatore	-

134.	Dr. D. Asokk	Media Landscape – Before & After Covid19	Webinar	15.05.2020	AIMC - Delhi	-
135.	Dr. D. Asokk	Finding Equity Investment and opportunities	Webinar	23.05.2020	TakurCollege of Commerce	-
136.	Dr. D. Asokk	AWS fundamental : Journey of cloud	Webinar	16.05.2020	Patel group of Institutions	-
137.	Dr. Dhyana Sharon Ross	Re-Energizing the Classroom: Through the Use of Gamification and Experiential Activities in Management Education	AICTE sponsored short course	02.03.2020 - 07.03.2020	DoMS, IIT Madras	-
138.	Dr. Moideen Batcha	MBA - PPC (MANAGEMENT, BUSINESS, ADMINISTRATION - PRESENT & POST CRISIS)	Refresher Programme	14.04.2020 - 04.05.2020	S A College of Arts and Science, Chennai	-
139.	Dr. Moideen Batcha	Behavioral Role modeling and use of ICT Tools for Teachers 2020	FDP	20.04.2020 - 21.04.2020	Bon Secours College for Women, Thanjavur	-

140.	Dr. Moideen Batcha	A demonstration with hands on exposure in Python 3.4.3 and R	FDP	20.04.2020 - 30.04.2020	Easwari Engineering College, Chennai	-
141.	Dr. Moideen Batcha	Teacher to Educational Leader	Webinar	23.04.2020	Colombo Plan Staff College	-
142.	Dr. Moideen Batcha	A Systematic Software Based Approach to Implement Outcome Based Education to achieve Excellence leading to Accreditation readiness through IonCUDOS	Webinar	24.04.2020	IonIdea	-
143.	Dr. Moideen Batcha	I5 - Innovation, Incubation, Intrapreneur, Invention & Intellectual Property	STTP	26.04.2020 - 09.05.2020	S A College of Arts and Science, Chennai	-
144.	Dr. Moideen Batcha	Project Management Mindset for Startups	Webinar	02.05.2020	CIIC, BSACIST	-
145.	Dr. Moideen Batcha	Online Course on Research Methodology	FDP	05.05.2020 - 11.05.2020	GRABS Educational Trust and TAIF	-

146.	Dr. Moideen Batcha	Changing in Higher Education Sector and Strategies for Management Education in India	FLP	06.5.2020	Business Standard	-
147.	Dr. Moideen Batcha	Blue Ocean Strategy to startups to swim across Covid -19	Webinar	07.05.2020	CIIC, BSACIST	-
148.	Dr. Moideen Batcha	Online Workshop on Research Methodology	FDP	10.05.2020 - 11.05.2020	Ananda College, Devakottai	-
149.	Dr. Moideen Batcha	Access up to 8 crores in Govt Grant in collaboration with global partners	Webinar	14.05.2020	CIIC, BSACIST	-
150.	Dr. Moideen Batcha	360 Classroom Management - Teaching Methodology	IFDP	16.05.2020 - 22.05.2020	Sri Sai Ram Engineering College, Chennai	-
151.	Dr. Moideen Batcha	Virtual Teaching	FDP	21.05.2020 - 22.05.2020	University of Madras	-
152.	Dr. Moideen Batcha	Moodle LMS	FDB	25.05.2020 - 29.05.2020	GRABS Educational Trust & TAIF	-

153.	Dr. Moideen Batcha	Build startup like a corporate	Webinar	28.05.2020	CIIC, BSACIST	-
154.	Dr. Moideen Batcha	BIRAC's Role in Creating the Startup Innovation Ecosystem	Webinar	29.05.2020	CIIC, BSACIST	-
155.	Dr. Moideen Batcha	One Week Webinar on Neuro Linguistic Programming	FDP	10.6.2020 - 16.06.2020	CFL, BSACIST	-
156.	Dr. Moideen Batcha	Students Entrepreneurship Development Programme (SEDP)	FDP	22.06.2020	St.Peters Engineering College, Chennai	-
157.	Dr. Moideen Batcha	Project Proposal Writing and Funded Project Management	FDP	29.06.2020 - 30.06.2020	Madras Institute of Social Science	-

Papers Published/ Presented In Journals & Conferences(Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
4	-	5	-	-	-	18	-	27

8. Details Of Publication In National & International Journals & Conferences: (IEEE Format)

International Journal & National Journal

SCI/Scopus Indexed Journal

1. Syed Azamussan and Shanmugam Munusamy, "The impact of corporate social responsibility on word of mouth through the effects of customer trust and customer commitment in a serial multiple mediator model", *International Journal of Business Innovation and Research*, 2020. (SJR - 0.29)
2. Jain Jacob and Shanmugam Munusamy, "A study on the Influencing Factors of Online Shopping And Purchasing Decisions Among College Students: An Empirical Study", *International Journal of Advanced Science and Technology*, vol.29, no.5, pp.1320 - 1325, 2020. (SJR –0.108)
3. Jain Jacob and Shanmugam Munusamy, "Impact of Micro Finance on Women Empowerment: An Empirical Study From An Indian Scenario", *Journal of Xi'an University of Architecture & Technology*, vol.12, no.4, pp.1320 - 1325, 2020. (SJR – 0.108)
4. Tisha Meriam Cherian and Shanmugam Munusamy, "E-Procurement Practices to improve the efficiency of Vendor Transactions in Indian Cement Industries", *International Journal of Procurement Management*, vol.13, no.4, pp.443 - 461, 2020. (SJR - 0.335)
5. Amir Ahmad Dar and N Anuradha, "Studies on European call option of binomial option pricing model using Taguchi's L27 orthogonal array", *Int. J. Intelligent Enterprise*, vol.7, no.1-3, pp. 234-249, 2020. (SJR – 0.168)
6. Amir Ahmad Dar and N Anuradha, "Use of Taguchi method for optimisation of process parameters of option pricing model", *Int. J. Services, Economics and Management*, vol. 11, no. 1, pp.1-20, 2020. (SJR –0.196)
7. Amir Ahmad Dar and N Anuradha, "Application of Call Option in an Airline Ticket Booking Process", *International Journal of Advanced Science and Technology*, vol. 29, no. 5, pp. 9471-9479, 2020. (SJR – 0.108)

8. Nuru Siraj Mohammed, Jenifer Lawrence and RahamathSulthana, “The Role Ethiopian Commodity Exchange in promotion of Agricultural Products”, *Journal of advanced research in dynamical and control systems*, vol. 12, no. 2, pp. 2252-2259, 2020. (0.129)
9. M. Madhyvadany and S. Panboli, “A review on career development program and performance appraisal system on employee engagement”, *International Journal of Psychosocial Rehabilitation*, vol. 24, no. 6, pp. 5169-5173, 2020. (0.111)
10. M. Madhyvadany and S. Panboli, “A review on influence of direction function on Employee Engagement”, *International Journal of Advanced Science and Technology*, vol. 29, no. 5, pp. 1326-1331, 2020. (SJR - 0.108)
11. M. Madhyvadany and S. Panboli, “Employee Engagement-Revisited”, *International Journal of Engineering and Advanced Technology(IJEAT)*, vol. 9, no. 1, pp. 5370-5373, 2019. (0.1)
12. Raed Mohammed Ali-Al-Doaar and Dr. Shanmugam Munisamy, “Evaluating Nurses' Perspective towards Service Quality and Patient Satisfaction in Private Hospitals: An Empirical Study”, *Indian Journal of Public Health Research and Development*, vol.10, no.8, pp.259-265, 2019. (SJR - 0.124)
13. Raed Mohammed Ali-Al-Doaar and Dr. Shanmugam Munisamy, “Effect of Personnel Care Quality of Private Healthcare Providers on Arab Patients' Satisfaction and Word-of Mouth Communication: An Empirical Study in India”, *International Journal of Engineering and Advanced Technology*, vol.9, no.1, pp.5374-5383 , 2019. (SJR – 0.1)
14. Hemalatha Jeyachandran, Aravindh Kumaran. L, Takhellambam Rocky Devi, D. Asokk and Arun Prasad, “Grocery shopping pattern of Indian retail customers: Traditional stores vs supermarkets”, *International Journal of Recent Technology and Engineering*, vol. 8, no.3, pp. 2277-3878, 2019 (SJR – 0.11).
15. S. Panboli and Kiran Birda, “Camel Research of Selected Private and Public Sector Banks in India”, *International Journal of Innovative Technology and Exploring Engineering*, vol. 8, no. 12, pp. 1238-1248, 2019 (SJR - 0.1).

16. Takhellambam R Devi, Shanmugam Munuswamy and Mohamed Jasim, "Factors influencing job burnout level: An empirical investigation on warehouse employees", *International Public Health Journal*, vol. 11, no. 2, 2019 (0.129).
17. Khan Adil and Ansari Sarwar Alam, "Retail Investors' Attitude towards Socially Responsible Investment (SRI) in India: Examining the role of religiosity and moral norms within TPB framework", *International Journal of Advance Science and Technology*, vol. 28, no. 7, pp. 224-238, 2019 (SJR – 0.108).
18. Nirmala Raghavan and Dr. S. Panboli, "Impact of Yoga on Coping Styles of Mid-Level Managers-an Experimental Study", *Indian Journal of Public Health Research & Development*, vol. 10, no. 8, pp. 819-824, 2019. (SJR - 0.124)

International Conference & National Conference:

Conference with ISBN Proceedings

- a. Jain Jacob and Shanmugam Munuswamy, "The influencing factors of online shopping and purchasing decisions among college students", in *ESN International conference on multidisciplinary research*, ESN Publications & Lingaya's University (Srilanka), February 2020.
- b. M. Madhyvadany and S. Panboli, "A review on influence of direction function on Employee Engagement", in *ESN International conference on multidisciplinary research*, ESN Publications & Lingaya's University (Srilanka), February 2020.
- c. Sangeeta Ekambaram and Haider Yasmeen, "A Study on Education, Employability and Employment Dimensions of Food Delivery Executives: An Exploratory Study", in *the Proceedings of International Conference: Future of Work, Workforce and Workplace: Future of Work, Workforce and Workplace*, Excel India Publishers, New Delhi, January 2020.
- d. Jain Jacob and Shanmugam Munuswamy, "Women Entrepreneurs in India: An empirical investigation from a South Indian context" in the National Conference at Kongu Engineering College, Erode, January 2020.



- e. Jain Jacob and Shanmugam Munuswamy, "India's trade relations with SAARC- Special Reference to SAFTA", in International conference on Innovative Research in science, management and technology, Atal Bihari Vajpayee University, Bilaspur, January 2020.
- f. Jain Jacob and Shanmugam Munuswamy, "Impact of micro finance on women empowerment:An empirical study from an Indian Scenario" in International Multi Disciplinary Conference held at University of Malaya, Malaysia, September 2019
- g. S.Panboli and Keerthana, "A comparative study of Midcap Equity Scheme of Sundaram Mutual Fund and HDFC Mutual Fund (2013-'18)", in *National Conference on Advances in Science, Humanities and Technology, Department of Science and Humanities, Saveetha School of Engineering, SIMATS, Chennai, July 2019.*
- h. S.Panboli and Kiran Birda, "CAMEL Analysis of selected private and public sector banks in India", in *National Conference on Advances in Science, Humanities and Technology, Department of Science and Humanities, Saveetha School of Engineering, SIMATS, Chennai, July 2019.*
- i. M. Madhyvadany and S.Panboli, "Employee Engagement - Reviews revisited", in *National Conference on Advances in Science, Humanities and Technology, Department of Science and Humanities, Saveetha School of Engineering, SIMATS, Chennai, July 2019.*

#### Details of Impact Factor of the Publication and H-Index

- A) Range : 0.1 – 0.335
- B) Average : 0.15
- C) H-Index : 5
- D) No. In Scopus :18

Sponsored Research (Ongoing / Applied)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1.	Dr. S. Panboli	AICTE	Short Term Training Program on Data Driven Techniques for Business Analytics using R Programming, Python and Tableau	Rs.2,00,000/-	Rs. 2,00,000/-	NIL	Rs. 2,00,000/-	Ongoing
2.	Dr. Mohamed K. Jasim	AICTE	Copper Smelters and its Impact on the health of Downstream People, the Economic Livelihood of its Employees, and Waste Management System. The Case of Sterlite Copper in Tuticorin, Tamil Nadu	Rs.2,84,000/-	Rs. 2, 84,000/-	NIL	Rs. 2,84,000/-	Ongoing
3.	Dr. Haider Yasmeen	MHRD	FDP on Academic Leadership	Rs.2,96,000/-	Rs.2,96,000/-	Rs.2,96,000/-		Completed

### Book/Chapters Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Name of the Publisher & country	Availability status
1.	Dr. Haider Yasmeen	Is Silence Golden in an Organisation: A Conceptual Outlook in (eds.) Skill Enhancement for Human Resource Development	Madras University with Em K V Publications, Chennai, India	Available
2.	Dr. N. Anuradha	The Probability of Default and Its Design of Experiment in (eds.) Theoretical and Applied Mathematics in International Business	IGI Global	Available

### 9. Achievements of Staff:

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Prof. Dr. Haider Yasmeen	Received the most renowned Level 5 Certification in Management and Leadership, for being part of the prestigious United Kingdom-India Education and Research Initiatives (3 weeks UKIERI Leadership Program) sponsored by AICTE and British Council of India.	Chartered Management Institute, UK	26.11.2019

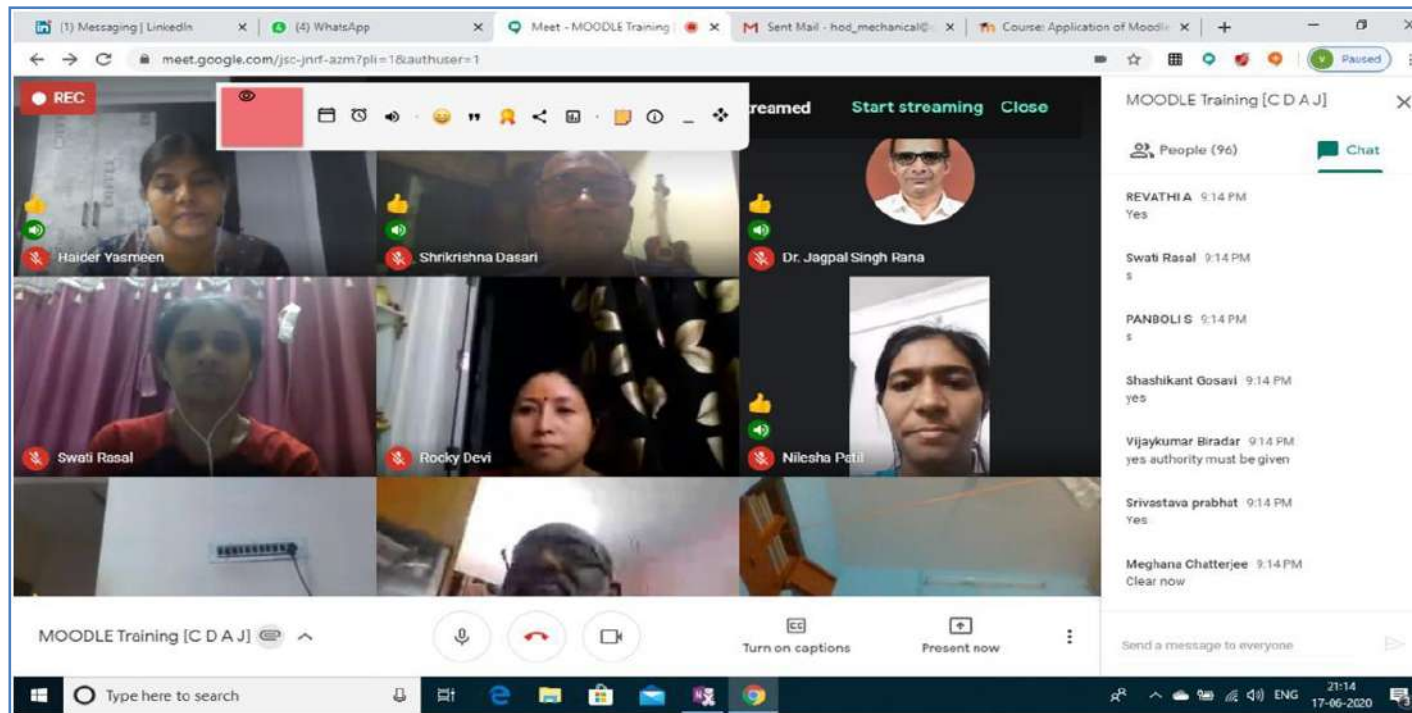
#### 10. Achievements of Students:

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Ms. Sruthi Suresh	190292601056	Second Prize, Apollo CSR	XIME, Chennai	February 2020
2.	Ms. Roufina .H	190292601049	Second Prize, Apollo CSR	XIME, Chennai	February 2020
3.	Mr. Azeem Ahamed M	190292601069	CIIC Student Start up (Groggies)	CIIC, BSACIST	February 2020
4.	Mr. Azeem Ahamed M	190292601069	CIIC Student Start up (Docare)	CIIC, BSACIST	February 2020
5.	Mr. Mohammed Moosa	190292601094	CIIC Student Start up (Docare)	CIIC, BSACIST	February 2020

6.	Mr. Abdul Rahim. M	190292601064	CIIC Student Start up (Docare)	CIIC, BSACIST	February 2020
7.	Mr. Abdul Rahim. M	190292601064	Second Prize, State Level Boxing competition	Pondicherry University	February 2020
8.	Mr. Diwakar Rao	180292601028	First Prize, Badminton – Men	IIT Madras	September 2019

#### 11. Developmental Activities:

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1.	FDP Application of Moodle LMS	11.06.2020 - 26.06.2020	120 Faculty members (25 Internal and 95 External)	To impart training to faculty members of Higher Education Institution Pan India so as to empower them with knowledge pertaining to application of technology in teaching learning process	The participants learnt to apply technology (Moodle Platform) in teaching learning process



12. Industry / Institute Collaboration:

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1.	HatsunAgro Products, Kanchipuram	Industry Visit	November 2019	Completed		Realtime experience of how a manufacturing facility functions

2.	Triway Container Freight Station	Industry Visit	November 2019	Completed	Realtime experience of how a CFS functions
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13. Society Activities:

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1.	MBA Alumni	Alumni Meet	10	120	-	All Alumni	MBA students got motivated with the lectures given by Alumni



#### 14. Extension Activity Conducted

S. No	Type of extension activity	Details of Participants			Details of beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1.	Prof. Dr. Haider Yasmeen Invited as resource person for the 15 days FDP on “Outcome Based Education” Organized by DY Patil College of Engineering, Akurdi, Pune and sponsored by AICTE.	88 Faculty members from DYPCOE and other institutions in and around Pune	-	-	88 Faculty members from DYPCOE and other institutions in and around Pune	One day 9th November 2019	Imparted training on “Academic Leadership” to teaching fraternity.
2.	Prof. Dr. Haider Yasmeen was invited as resource person for the “Youth Leadership Programme” organized by Women’s Christian College, Chennai at Blue Lagoon Resort	3 faculty members of WCC, Chennai	100 PG students	-	100 PG Students and 3 faculty of Business Administration Department, WCC	One day 13th September 2019	Imparted activity-based training on Corporate Etiquettes and Leadership building for Future Leaders



3.	Prof. Dr. Haider Yasmeen was invited as resource person for the "Crescent International Students Residential Workshop on Management Practices" organized by Crescent School of Business, BSACIST.	4 faculty from SEU	Students from South Eastern University, Srilanka	-	Executive MBA program students from South Eastern University, Srilanka	11th July 2019	Knowledge enhancement on "Education, Career and Employability"
4.	Dr.D.Asokk was invited as Resource Person for 2 days workshop on "Neuro Linguistic Programme (NLP)" organized by Department of Business Administration, Annamalai University, Chidambaram, TamilNadu.	25 faculties	175 Students	-	Practical session for Management and commerce students and faculties on thinking patterns	17.02.2020 - 18.02.2020	Participants gained the ways to unlock their potential through NLP techniques
5.	Dr.D.Asokk was invited as Resource Person for an Online Guest Lecture on "Creative Thinking" organized by Department of BusinessAdministration, Auxilium	10 faculties	87 students	-	Eye opening session for Management and commerce students and faculties on	16.05.2020	Participants gained the process of out- of- box thinking and the angle to view their life in the

	College for Women, Katpadi, Vellore				lateral thinking		pandemic situation.
6.	Dr. D. Asokk was invited as Resource Person for the International Conference on SMART I 5 jointly organized by Bharathidasan University and Adaikalmatha Institute of Management and Research	8 faculties	120 students	-	Employability Skills – HR Perspective for MBA / M.Com students and Research Scholars	26.07.2019	Participants gained knowledge on latest Innovations and start-ups across the globe
7.	Dr. D. Asokk was invited as Resource Person for the Inaugural Function for Polytechnic Students organized by Sri Adhisankarar Polytechnic College – Trichy	2 faculty	72 students	-	Setting Personal Benchmarks	26.07.2019	Students were imbibed on strategies to crack interviews and skills to develop for sustaining in corporate challenges

8.	Dr. D. Asokk was invited as Resource Person for a Student Enrichment Programme on “Strengthen Your Resilience by NLP ” organized by Department of Commerce, Bon Secours College for Women, Thanjavur	20 faculties	147 students	56 Vice-Presidents and Managers across India	Practical session for Management and commerce students and faculties on thinking patterns	01.06.2020 - 07.06.2020	Participants gained the ways to unlock their potential through NLP techniques
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## **SCHOOL OF PHYSICAL AND CHEMICAL SCIENCES**

- **DEPARTMENT OF PHYSICS**
- **DEPARTMENT OF CHEMISTRY**

## DEPARTMENT OF PHYSICS

### 1. Value Added Programmes Conducted

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	Materials Characterization techniques	27 <sup>th</sup> January 2020 - May 2020	2 hours/week	NIL	24	-	-

### 2. Details of Field visits organized by the department

Sl. No	Participant Details				Name of faculty Organized the event	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1.	Industrial Visit To Understand The Mechanism Of Vainu Bappu Telescope	M. Sc – Physics (Semester I and III)	-	24 + 28	Dr. R. Amiruddin and Dr. M. Vijayajayanthi	Indian Institute of Astrophysics, Kavalur Rd, Bheemakulam, Tamil Nadu 635701	13 th of October, 2019	The visit involved a peregrination around the observatory, and a detailed demonstration of the operation of the 93 inch telescope, and a discussion about the work that can be carried out along with	Yes

								many aspects of astronomy, important discoveries and images obtained at the observatory.	
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### 3. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	Guest lecture	Lecture	9th August 2019	NIL	<b>Dr. Ganapathy Vaitheeswaran</b> , Professor, University of Hyderabad, Telangana	20	50	NIL	NIL
2.	Guest lecture	Lecture	24th September, 2019	NIL	<b>Dr. Jinesh K B</b> , Associate Professor, Indian Institute of Space Science and Technology (IISST), Kerala	20	50	NIL	NIL
3.	CSIR sponsored National Conference on New Generation Materials for Energy	National Conference	21st and 22nd Oct, 2019	Council of Scientific & Industrial Research (CSIR)	<b>Dr. Sanjeev Gupta</b> Chief Scientist, CLRI, Chennai. <b>Prof. P. Ramasamy</b> Dean Research, SSN College, Chennai. <b>Dr. Kaustubha Mohanty</b> Department of Chemical Engineering, Indian	20	30	13	123

	Applications				Institute of Technology Guwahati, India <b>Dr. Zakir Hussain Rather</b> , Department of Energy Science and Engineering, IIT Bombay Powai, Mumbai <b>Dr. Somnath C Roy</b> Department of Physics, IIT Madras, Chennai 600036				
4.	Awareness programme on Careers in Physics (APCP 2020)	Awareness programme for students pursuing B.Sc Physics in various other Institutes	19th Feb 2020	NIL	<b>Prof. Dr.Rita John</b> , Professor&Head Department of Theoretical Physics, University of Madras, Chennai	10	45	3	175
5.	Guest lecture	Lecture	20 <sup>th</sup> March 2020	NIL	<b>Dr. N.Vijayan, Principal Scientist CSIR-National Physical Laboratory, National Physical Laboratory, New Delhi.</b>	20	50	NIL	NIL
6.	Physics Quiz - 2020	A National level online Quiz for students pursuing UG/PG/Ph. D in Physics	10th June 2020	NIL	NIL	10	25	80	542
7.	Webinar on Physics 2020	National level Webinar on Physics for	12th June 2020	NIL	<b>Dr. R. Sankaranarayanan</b> , Department of Physics,	15	10	8	92



		students pursuing UG/PG/Ph. D in Physics			National Institute of Technology (NIT) Tiruchirappalli, Tamil Nadu, India.				
8.	National Webinar on Importance of precise measurements in Science and Technology and Advances in Materials Science	National level Webinar on Physics	15 June 2020	NIL	<b>Dr. N.Vijayan, Principal Scientist</b> CSIR-National Physical Laboratory, National Physical Laboratory, New Delhi. <b>Dr. R. RAMESH BABU</b> Department of Physics, Bharathidasan University, Tamil Nadu, India.	15	15	20	150
9.	International Webinar on Recent Trends in Materials Science	International webinar for Physicist	18 June 2020	NIL	<b>Dr. Mohamad Hafiz Bin Mamat,</b> Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia. <b>Dr. Samuel Paul David</b> Senior Researcher, HiLASE Centre Institute of Physics, ASCR, Czech Republic	11	10	8	55

**4. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities (for membership fees / organizing events) etc.**

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1.	National Conference on New Generation Materials for Energy Applications	21st and 22nd Oct, 2019	Council of Scientific & Industrial Research (CSIR) CSIR grant no.SYM/10320/19-HRD for Rs.39,936/- towards organizing the conference.	NIL

**5. Conferences / FDP / Seminars / Workshops Attended**

Sl no	Name of faculty	Name of the Programme	Name of the Programme	Duration (from - to)	Organizing agency	Details of Financial support received from the institution
1	Dr. M.Basheer Ahamed	Convenor and Participated in International Webinar on Recent Trends in Materials Science	International Webinar	18th June 2020.	Department of Physics BSACIST	NIL
2	Dr. M.Basheer Ahamed	Convenor and Participated in National Webinar on Importance of Precise measurements in Science and Technology and Advances in Materials Science	National Webinar	15th June 2020	Department of Physics, BSACIST	NIL
3	Dr. M.Basheer Ahamed	Convenor and Participated in Physics Quiz, 2020	Online Quiz	10th June 2020	Department of Physics, BSACIST	NIL

4	Dr. M.Basheer Ahamed	Convenor and Participated in National Webinar on Physics 2020 – A journey towards wave mechanics	National Webinar	12th June 2020	Department of Physics, BSACIST	NIL
5	Dr. M.Basheer Ahamed	Convenor and Participated in the Awareness Programme on Careers in Physics (APCP 2020)	Awareness Programme	19th Feb 2020	Department of Physics, BSACIST	NIL
6	Dr. M.Basheer Ahamed	Convenor and Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST	NIL
7	Dr. I.Raja Mohamed	Advisor and participated in Online Quiz Competition -Test Your Knowledge On Plagiarism for Scholars/Faculty	Online Quiz	18th May 2020	Office of Dean Research, BSACIST	NIL
8	Dr. I.Raja Mohamed	Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST.	NIL
9	Dr. I B Shameem Banu	Coordinated and Participated in National Webinar on Importance of Precise measurements in Science and Technology and Advances in Materials Science	National Webinar	15th June 2020	Department of Physics, BSACIST	NIL
10	Dr. I B Shameem Banu	Virtual Symposium on International Day of Light	Online Symposium	18 <sup>th</sup> May 2020	Department of Physics, IIT Guwahathi	NIL
11	Dr. I B Shameem Banu	Virtual Conference on Materials for Energy harvesting and Catalysis	Online Conference	1-3 May 2020	Tata Institute of Fundamental Research, Mumbai	NIL

12	Dr. I B Shameem Banu	Coordinated and Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST	NIL
13	Dr. S.Sathik Basha	Coordinated and Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST.	NIL
14	Dr. S.Sathik Basha	Participated in National Webinar on Importance of Precise measurements in Science and Technology and Advances in Materials Science	National Webinar	15th June 2020	BSACIST	NIL
15	Dr. G.V.Vijayaraghavan	Coordinated and Participated in International Webinar on Recent Trends in Materials Science	International Webinar	18th June, 2020.	Department of Physics, BSACIST	NIL
16	Dr. G.V.Vijayaraghavan	Coordinated and Participated in National Webinar on Importance of Precise measurements in Science and Technology and Advances in Materials Science	National Webinar	15th June 2020	Department of Physics, BSACIST	NIL
17	Dr. G.V.Vijayaraghavan	Coordinated and Participated in National Webinar on Physics 2020 – A journey towards wave mechanics	National Webinar	12th June 2020	Department of Physics, BSACIST	NIL
18	Dr. G.V.Vijayaraghavan	Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST.	NIL

19	Dr. M.Mohamed Sheik Sirajuddeen	Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST	NIL
20	Dr. M.Mohamed Sheik Sirajuddeen	Two-week Live Faculty Development Programme on "Application of Moodle LMS"	Faculty Development Programme (FDP)	11th to 25th June 2020	BSACIST	NIL
21	Dr. R.Indirajith	Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST.	NIL
22	Dr. R.Amiruddin	International Webinar on Recent Trends in Materials Science	International Webinar	18th June, 2020.	Department of Physics ,BSACIST	NIL
23	Dr. R.Amiruddin	National Webinar on Importance of Precise measurements in Science and Technology and Advances in Materials Science	National Webinar	15th June 2020	Department of Physics ,BSACIST	NIL
24	Dr. R.Amiruddin	Coordinated and Participated in Physics Quiz, 2020	Online Quiz	10th June 2020	Department of Physics, BSACIST	NIL
25	Dr. R.Amiruddin	Coordinated and Participated in National Webinar on Physics 2020 – A journey towards wave mechanics	National Webinar	12th June 2020	Department of Physics, BSACIST	NIL
26	Dr. R.Amiruddin	National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST.	NIL

27	Dr. R.Amiruddin	Feedback coordinator and participated in online quiz competition -test your knowledge on plagiarism for Scholars/Faculty	Online Quiz	18th May 2020	Office of Dean Research BSACIST	NIL
28	Dr. V. Mahalingam	Coordinated and Participated in National Webinar on Importance of Precise measurements in Science and Technology and Advances in Materials Science	National Webinar	15th June 2020	Department of Physics, BSACIST	NIL
29	Dr. V. Mahalingam	Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21- 22 Oct 2019	BSACIST	NIL
30	Dr. M. Vijayajayanthi	Participated in the Webinar on Century of Quantum Mechanics and Still Going Strong	National webinar	15 - 17 June 2020	Organized by Applied Physics Department, University of Baroda (MSUB), Gujarat	NIL
31	Dr. M. Vijayajayanthi	International Webinar on Recent Trends in Materials Science	International Webinar	18th June, 2020.	Department of Physics, BSACIST	NIL
32	Dr. M. Vijayajayanthi	National Webinar on Importance of Precise measurements in Science and Technology and Advances in Materials Science	National Webinar	15th June 2020	Department of Physics, BSACIST	NIL
33	Dr. M. Vijayajayanthi	Coordinated and Participated in Physics Quiz, 2020	Online Quiz	10th June 2020	Department of Physics, BSACIST	NIL

34	Dr. M. Vijayajyanthi	Coordinated and Participated in National Webinar on Physics 2020 – A journey towards wave mechanics	National Webinar	12th June 2020	Department of Physics, BSACIST	NIL
35	Dr. M. Vijayajyanthi	Coordinated and Participated in the Awareness programme on Careers in Physics (APCP 2020)	Awareness Programme	19th Feb 2020	Department of Physics, BSACIST	NIL
36	Dr. M. Vijayajyanthi	Participated in National Conference on "New-Generation Materials for Energy Applications"	National Conference	21, 22 Oct 2019	BSACIST.	NIL

#### 6. Papers Published/ Presented In Journals & Conferences(Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
with ISBN	Others	with ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
6	4	-	6	-	-	33	-	49

#### 7. Details Of Publication In National & International Journals & Conferences: (IEEE Format)

International Journal&National Journal

SCI/Scopus Indexed Journal : 33

- 1) S Sankaran, K Deshmukh, MB Ahamed, KK Sadasivuni, M Faisal, ... "Electrical and Electromagnetic Interference (EMI) shielding properties of hexagonal boron nitride nanoparticles reinforced polyvinylidene fluoride nanocomposite films" *Polymer-Plastics Technology and Materials*, vol.58, no.11, pp.1191-1209, 2019.
- 2) A Muzaffar, MB Ahamed, K Deshmukh, M Faisal "Electromagnetic interference shielding properties of polyvinylchloride (PVC), barium titanate (BaTiO<sub>3</sub>) and nickel oxide (NiO) based nanocomposites" *Polymer Testing*, vol.77, pp.105925, 2019.
- 3) KC Wilson, MB Ahamed "Influence of bath temperature on surface modification and optoelectronic properties of chemical bath deposited CdS thin film nanostructures" *Materials Science and Engineering: B*, vol.251, pp.114444, 2019.
- 4) A Muzaffar, MB Ahamed, K Deshmukh Hydrothermal synthesis of ZnWO<sub>4</sub>-MnO<sub>2</sub> nanopowder doped with carbon black nanoparticles for high-performance supercapacitor applications *Journal of Materials Science: Materials in Electronics*, vol.30, no.24, pp.21250-21258, 2019.
- 5) KK Sadasivuni, P Saha, J Adhikari, K Deshmukh, MB Ahamed, "Recent advances in mechanical properties of biopolymer composites: a review" *Polymer Composites*, vol.41, no.1, pp.32-59, 2020.
- 6) MAAAM Deepalekshmi Ponnamma, Hemalatha Parangusan, Kalim Deshmukh, Pradip M. Basheer Ahamed "Green synthesized materials for sensor, actuator, energy storage and energy generation: a review" *Polymer-Plastics Technology and Materials* vol.59, pp.1-62, 2020.
- 7) S Divya Lakshmi, IB Shameem Banu "Tailoring the multiferroic properties of BiFeO<sub>3</sub> by co-doping Er at Bi site with aliovalent Nb, Mn and Mo at Fe site" *International Journal of Applied Ceramic Technology* vol.16, no.4, pp.1622-1631, 2019.



- 8) AS Priya, IBS Banu, D Geetha, S Sankar “Investigations of the magnetic and dielectric behaviour of (Zr, Cu) co-doped BiFeO<sub>3</sub>-BaTiO<sub>3</sub> composite” *Materials Research Express*, vol.6, no.10, pp.106116, 2019.
- 9) MM Yusoff, MH Mamat, MAR Abdullah, AS Ismail, MF Malek, AS Zoofakar, I.B. Shameem Banu “Coupling heterostructure of thickness-controlled nickel oxide nanosheets layer and titanium dioxide nanorod arrays via immersion route for self-powered solid-state ultraviolet” *Measurement*, vol.149, pp.106982, 2020.
- 10) S Sasikumar, TK Thirumalaisamy, S Saravanakumar, S Asath Bahadur, D Sivaganesh, IB Shameem Banu “Effect of neodymium doping in BaTiO<sub>3</sub> ceramics on structural and ferroelectric properties” *Journal of Materials Science: Materials in Electronics*, vol.31, no.2, pp.1535-1546, 2020.
- 11) N Gopinathan, S Sathik Basha, I B Shameem Banu, M H Mamat and M Mohamed Sheik Sirajudeen, “Solvents driven structural, morphological, optical and dielectric properties of lead free perovskite CH<sub>3</sub>NH<sub>3</sub>SnCl<sub>3</sub> for optoelectronic applications: experimental and DFT study” *Mater. Res. Express* vol.6, pp.125921, 2020.
- 12) ATS Sudandararaj, GS Kumar, M Dhivya, RD Eithiraj, IBS Banu “Spin reorientation transition in nanoscale multiferroic PrFeO<sub>3</sub> and its band structure calculation” *Journal of Alloys and Compounds*, vol.817, pp.152747, 2020.
- 13) MH Mamat, N Parimon, AS Ismail, IBS Banu, SS Basha, RA Rani, ... “Synthesis, structural and optical properties of mesostructured, X-doped NiO (x= Zn, Sn, Fe) nanoflake network films” *Materials Research Bulletin*, vol.127, pp.110860, 2020.
- 14) MZ Musa, MH Mamat, N Vasimalai, IBS Banu, MF Malek, MK Ahmad, ... “Fabrication and Structural Properties of Flower-like TiO<sub>2</sub> Nanorod Array Films Grown on Glass Substrate without FTO Layer” *Materials Letters*, vol.273, pp. 127902, 2020.

- 15) MS Kumar, K Rajesh, GV Vijayaraghavan, S Krishnan “Growth, optical and thermal characterization of Semiorganic crystal: Diglycine Perchlorate for second-order nonlinear optical applications” *Journal of Nonlinear Optical Physics & Materials*, vol.28, no.3, pp. 1950023, 2020.
- 16) MS Kumar, GV Vijayaraghavan, K Rajesh, S Krishnan “Influence of different solvents on the growth, thermal and dielectric properties of Phthalic acid single crystals” *Materials Research Innovations*, pp.1-11, 2020.
- 17) NA Teli, MMS Sirajuddeen “Half-metallic ferromagnetism in Tc and Ag doped MgO: An ab-initio study” *Computational Condensed Matter*, vol.20, pp.e00386, 2019.
- 18) MMS Sirajuddeen, M Sundareswari, IR Mohamed, SB Elavarasi, ... “Effect of hydrostatic pressure and the emergence of half metallic ferromagnetism in rhodium oxide-A DFT+ U perspective” *Computational Condensed Matter* vol.21, pp.e00425, 2019.
- 19) NA Teli, MMS Sirajuddeen “First-principles calculations of the electronic, magnetic and optical properties of rhenium-doped alkaline earth oxides” *Physica Scripta*, vol.95, no.2, pp.025801, 2019.
- 20) NA Teli, MMS Sirajuddeen, IUN Lone “Effect of halogens in MgO to predict half-metallic ferromagnetism: By first principles calculations” *Solid State Sciences*, vol. 99, pp.106048, 2020.
- 21) MMS Sirajuddeen, M Sundareswari, IR Mohamed, SB Elavarasi, IN Lone, ... “A DFT+ U study to report magnetic phase transition, electronic properties and half metallic ferromagnetism in palladium oxide using Hubbard method” *Materials Chemistry and Physics*, vol.241, pp.122263, 2020.

- 22) SS Rahmathulla, MMS Sirajuddeen“Nitrogen induced half metallic ferromagnetism in oxides of calcium and cadmium: A DFT perspective” *Materials Chemistry and Physics*, vol. 243, pp.122336, 2020.
- 23) IUN Lone, MMS Sirajuddeen“Investigation of structural, electronic, magnetic and half-metallic properties in ternary zinc blende CrMoO and ScMoO by GGA and GGA+ U method: First principles study” *Journal of Molecular Graphics and Modelling*, vol. 95 pp. 107490, 2020.
- 24) SB Elavarasi, S Divya, MV Priya, MS Sirajuddeen“NMR, magnetic and electronic investigations of fluorinated nanotubes with different coverage of fluorine” *Chemical Physics Letters*, vol. 742, pp. 137142, 2020.
- 25) NA Teli, MMS Sirajuddeen“Prediction of half-metallicity in strontium oxide doped with hafnium: A GGA+ U perspective” *Materials Today: Proceedings*, 2020 (DOI: 10.1016/j.matpr.2020.02.740).
- 26) NA Teli, MMS Sirajuddeen“Effect of 3d transition metal atoms in SrO to predict half-metallic ferromagnetism: A first principles study” *Journal of Magnetism and Magnetic Materials*, vol.511, pp. 166829, 2020.
- 27) D Kanimozhi, S Nandhini, R Indirajith“Effects of dyes in the growth, optical, mechanical and dielectric properties of KDP crystals” *Journal of Materials Science: Materials in Electronics* vol.30, no.11, pp. 10244-10255, 2019.
- 28) D Kanimozhi, R Indirajith“Effects of L-Cysteine in Zinc Bis Thiourea Acetate (ZBTA) Crystal Lattice”, *Journal of Electronic Materials*, vol.48, no.7, pp. 4706-4714, 2019.
- 29) A Rasool, MC Santhosh Kumar, MH Mamat, C Gopalakrishnan, R. Amiruddin, “Analysis on different detection mechanisms involved in ZnO-based photodetector and photodiodes” *Journal of Materials Science: Materials in Electronics*, vol. 31 pp. 7100–7113 2020.

- 30) A Rasool, R Amiruddin, S Kossar, MC Santhosh Kumar, “Realization of In: ZnO/PEDOT: PSS based multifunctional device for ultraviolet (UV) light detection and resistive switching memory applications” *Journal of Applied Physics*, vol.128, pp.044503, 2020.
- 31) R.Senthil, G.V.Vijayaragavan, A.Ayeshamariam and Kaviyarasu, "Nonlinear optical properties of single crystal of L-OOMHCL incorporation with Glycine Oxalic Acid (GOA) with high chemical stability for optoelectronic applications”, *Journal of Surfaces and Interfaces*, vol.18, pp. 100417, 2020.
- 32) S.Abhirami, S.Sathik Basha, “Phase stabilization and effect of trivalent lanthanide substitution on Dy<sub>2</sub>FeMnO<sub>6</sub> double perovskite compounds”, *Vacuum*, vol. 177, pp. 109412, 2020.
- 33) Design and Synchronization of Chaotic System using Threshold Controller Coupling N Biswas, IR Mohamed *Journal of Physics: Conference Series* 1362 (1), 012101

### International Conference & National Conference

<b>Conference with ISBN Proceedings</b>	:	<b>6</b>
<b>Other Conferences</b>	:	<b>10</b>

- 1) Gayathrilakshmi & G. V. Vijayaraghavan, “Synthesis and Characterization of copper nanoparticles using strychnos Potatorium Seed Extract”, presented in International Conference on Advanced materials in association with IACG, organized by the department of Physics on 26 August 2019 at Aditanar College of Arts and Science, Tiruchendur.
- 2) Gopinath, S. Sathik Basha, New class of MAXCl<sub>3</sub>, (X = Sn, Sr, Ca, Zn) lead-free Perovskite nanoparticles for light-harvesting material in optoelectronic application, i-Nest conference Vellore Institute of Technology, Vellore, Tamilnadu, 11, 12 & 13 October, 2019.

- 3) Shahnaz Kossar, R. Amiruddin, Fabrication and characterization of PIN photodetector using intrinsic layer bismuth ferrite, Second International Conference on Nano Science and Technology, December 4 – 6, 2019 Centre for Nano Technology Research Vellore Institute of Technology, Vellore, India.
- 4) N. Gopinath, S. Sathik Basha, Synthesis of Perovskite structured lead-free tin nanocomposite and its optical properties, at National Conference on "New-Generation Materials for Energy Applications B. S. Abdur Rahman Crescent Institute of Science and Technology, Chennai- 48. Tamilnadu held on 21st & 22 nd, October, 2019. (ISBN: 978-81-942285-1-6)
- 5) Asif Rasool, R. Amiruddin, Investigation on ZnO based UV photodetector and Indium doped ZnO based hybrid UV photodiode presented at National conference on Material Science held at Loyola College, Chennai on 9th of jan-2020 (Received Best Oral Presentation award).
- 6) Asif Rasool, R. Amiruddin, Effect of substrate temperature in fabrication of ZnO-based UV photodetector” at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur,Chennai. OCT 21, 22 2019 (ISBN: 978-81-942285-1-6)
- 7) M. Mohamed Sheik Sirajuddeen Prediction of half metallicity in strontium oxide doped with hafnium –A GGA+U perspective, International conference on advances in materials research, Bannari Amman Institute of Technology: BIT, Alathukombai, Post, Sathyamangalam, Tamil Nadu 638401
- 8) S. Syed Rahmathulla, M.Mohamed Sheik Sirajuddeen FP-LAPW Investigation Nickel and Copper doped CaO : A First principles Study at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai. OCT 21, 22 2019
- 9) Priyanka Rani, M.Basheer Ahamed and Kalim Deshmukh Enhanced Dielectric properties of Carbon black nanoparticles (CBNPs) reinforced PVA/PEG nanocomposite films for EMI shielding applications, ICNAN’19 2nd International Conference on Nanoscience and Nanotechnology on 4th to 6th December 2019, at Centre for Nanotechnology Research, Vellore Institute of Technology, Vellore, India.

- 10) Shahnaz Kossar, R. Amiruddin Effect of intrinsic bismuth ferrite (BFO) in fabrication of highly efficient UV photodiodes at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur Chennai. OCT 21, 22 2019
- 11) M. Sheeba Gnana Selvi, G.V.Vijayaravan, Decoration of Silver Nanoparticles on Mutiwalled Carbon Nanotubes, at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur Chennai. OCT 21, 22 2019
- 12) Poornima, I.B.Shameem Banu, P. Komalavalli, S. Divya Lakshmi, M.H. Mamat, S.Sathik Basha, Composition dependent electrical properties of  $MFe_2O_4$ - $BaTiO_3$  (M=Co, Ni) ceramics for memory storage devices, at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur Chennai. OCT 21, 22 2019 (ISBN: 978-81-942285-1-6)
- 13) P.Komalavalli, I.B. Shameem Banu, M.H. Mamat, M. Shahid Anwar, A. Sathya priya, Tuning the electrical properties in  $MFe_2O_4$ - $BaTiO_3$  (M=Co, Ni) ceramics for energy storage applications at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur Chennai. OCT 21, 22 2019 (ISBN: 978-81-942285-1-6)
- 14) Nazir Ahmad Teli, M. Mohamed Sheik Sirajuddeen, Prediction of half-metallic ferromagnetism in magnesium oxide doped with palladium: By first principles calculations, at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur Chennai. OCT 21, 22 2019 (ISBN: 978-81-942285-1-6)
- 15) Priyanka Rania, M. Basheer Ahamed, Kalim Deshmukh, Dielectric and Thermal studies of Zeolite13x / Carbon black nanoparticles based PVDF nanocomposite at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur Chennai. OCT 21, 22 2019

16)D. Kanimozhi and R. Indirajith Investigation of Growth, structural, optical and luminescence properties of Zinc Acetate maleate dehydrate (LMZA) Single Crystals at National Conference on "New-Generation Materials for Energy Applications B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur Chennai. OCT 21, 22 2019 (ISBN: 978-81-942285-1-6)

#### Details of Impact Factor of The Publication and H-Index

A) Range	:	0.94 to 12.11
B) Average	:	2.597
C) H-Index		
Over all h-index of Physics Department	:	35
h- index during (2019-20)	:	6
D) No. In Scopus	:	33

#### Sponsored Research (Ongoing)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount (Rs.) (in lakhs)				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1.	Dr. M. Basheer Ahamed	DST-SERB	Development of Graphene and Metal Nanoparticles Reinforced Flexible Polymer nanocomposite for Effective Electromagnetic Interference (EMI) Shielding Applications	28.02	5.5	5.1	0.4	Ongoing

### Sponsored Research (Applied)

Sl no	Title of the project	Funding agency	Principal/ Co Principal investigator	Date of submission	Amount (in lakhs)	Status
1.	FIST- PROJECT (Level-1)	DST-FIST	<b>Principal Investigator:</b> Prof. S Kutti Rani  <b>Co-Principal Investigator:</b> Prof. D Easwaramoorthy Prof. M Basheer Ahamed Dr. M Asha Jhonsi Dr. M Mohamed Sheik Sirajuddeen Dr. R Amiruddin	May 2020	222	Under review
2.	Fabrication of an efficient CZTS based Solaristor – a next-generation photovoltaic device with inbuilt memory storage applications	SERB (Core Research Grant)	<b>Principal Investigator:</b> Dr. I. Raja Mohamed  <b>Co-Principal Investigator:</b> Dr. R. Amiruddin	13th March 2020	23	Under review
3.	Investigation of Half Metallic Ferromagnetism in Perovskite Compounds for Applications in Spintronics - A DFT study	Tamilnadu state council For science and Technology (TNSCST)	<b>Principal Investigator:</b> Dr. M. Mohamed Sheik Sirajuddeen	2020	4	Under review
4.	Theoretical Investigation of Properties of Cubic Perovskite Structures for	SERB (Core Research	<b>Principal Investigator:</b> Dr. M. Mohamed Sheik Sirajuddeen	2020	26	Under review



	Energy Applications – A DFT perspective	Grant)				
5.	Influence of Metal Nanoparticles on Energy Transfer Distributed Feedback Dye Lasers for Photonic Applications	Tamilnadu state council For science and Technology (TNSCST)	<b>Principal Investigator:</b> Dr. G.V. Vijayaraghavan	2020	5	Under review
6.	Synthesis, fabrication and study of Pb-free 2D perovskites like- structured nanocomposites for efficient and stable solar cells	Tamilnadu state council For science and Technology (TNSCST)	<b>Principal Investigator:</b> Dr. S. Sathik Basha	2020	8	Under review

### Book Published

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	\$		
1.	Dr. M. Basheer Ahmed	MXenes: Fundamentals and Applications - MXenes Composites	-	\$20.00	Materials research forum, Publisher in Materials Science and Engineering, Pennsylvania, United	In stock

					States.	
2.	Dr. M. Basheer Ahmed	Chapter 4 - 3D and 4D printing of pH-responsive and functional polymers and their composites	-	\$31.50	Elsevier Publishing company, Amsterdam, Netherlands	In stock
3.	Dr. M. Basheer Ahmed	Chapter 17 - Fundamentals and applications of 3D and 4D printing of polymers: Challenges in polymer processing and prospects of future research	-	\$31.50	Elsevier Publishing company, Amsterdam, Netherlands	In stock

### International Visits By Faculty / Students

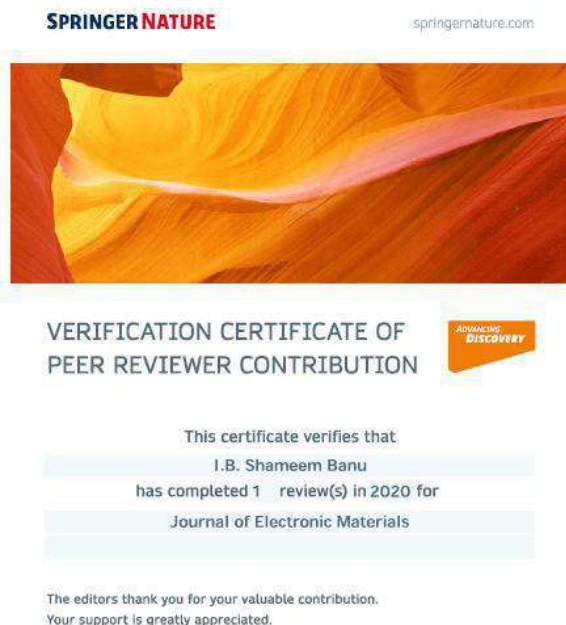
S.No	Name of the Faculty/Student	Name of the Institution/Industry	Country Visited	Purpose of visit	Period of visit	Outcome
1.	Mr. Rayees Ahmad Khan	Tamkang University Taiwan	Taiwan	Collaborative research work	25 <sup>th</sup> Dec 2019-20 <sup>th</sup> March 2020	Joint research publications (communicated)

### Achievements of Staff

S.No	Name of the Faculty/ non-teaching Staff	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Dr. M.Mohamed Sheik Sirajuddeen	Best Teacher award	BSACIST	5th September 2020

2	Dr. M.Basheer Ahamed	Reviewer Award	Applied Surface Science, Elsevier Publishing	July 2020
3	Dr. M.Basheer Ahamed	Reviewer Award	Journal of Colloidal and Interface Science, Elsevier Publishing	July 2020
4	Dr. I.B.Shameem Banu	Reviewer Award	Journal of Electronic Materials, Springer Science+Business Media, Germany	June 2020
5	Dr. I.B.Shameem Banu	Research Incentive award	BSACIST	5th September 2020
6	Dr. M.Mohamed Sheik Sirajuddeen	Research Incentive award	BSACIST	5th September 2020
7	Dr. M.Basheer Ahamed	Research Incentive award	BSACIST	5th September 2020





### Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award	Details of Awarding organization	Month & Year
1.	Mr. Asif Rasool	180903101001	Best Oral Presentation award	National conference on Material Science held at Loyola College, Chennai	9th Jan-2020

**Important Visitors:**

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1.	Musa bin Mohamed Zahidi Universiti Teknologi MARA 40450 Shah Alam, Selangor Malaysia	Universiti Teknologi MARA, Malaysia	He visited as an ASEAN-India research training fellow for two months during Dec 2019- Jan 2020 under the ASEAN-India Host Scientist Prof. Dr. I.B. Shameem Banu, Department of Physics. <b>Title of research work:</b> Title: Fabrication Of Novel Hierarchically Porous Nickel Oxide Nanosheet Arrays Using Low Temperature Sonicated Sol-gel Immersion Method for Humidity Detection	<ul style="list-style-type: none"> <li>a) Effective International collaboration with UiTM.</li> <li>b) UiTM Students attachment program was carried out. Under program this 2 scholars carried out their research along with Prof. Dr. I.B. Shameem Banu, during Dec 2019- Jan 2020, (2 months)</li> <li>c) Prof. I.B.Shameem Banu Dr. S.Sathik Basha, Dr. G.V.Vijayaraghavan and Dr. R. Amiruddin have made collaborative research publications.</li> </ul>



## DEPARTMENT OF CHEMISTRY

### 1. Value Added Programmes Started

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Soft skill development	January –March	2 hrs per week	English department of our institute	25	-	-

### 2. Details of Field visits organized by the department

S. NO	Programme	Participant Details / Semester	No. of students	Name of the faculty accompanied	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
1	M. Sc Chemistry	I	32	Dr. N. Hajara Beevi, Dr. Noor Aman	Kawman Pharma Cuddalore	12th Oct 2019	Internship	Yes
2	M. Sc Chemistry	III	27	Dr. A. Shajahan	Kawman Pharma Cuddalore	12th Oct 2019	Job opportunity	Yes

### 3. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
					BSACIST		Other Institution	
					Faculty	Students	Faculty	Students
1	Computational Methods In Chemistry And Physics Of Materials (CCPM-2019)	28.11.2019 & 29.11.2019	Nil	Prof Sanjay Kumar, Department of Chemistry, IIT-Madras. Dr. S. Pandian, CARE, Chennai Prof. Udo Schwingenschloegl, King Abdullah University of Science and Technology, Saudi Arabia. Dr V Subramanian, CSIR-CLRI, Chennai Dr R Vidya, Dept of Medical Physics, Anna University, Chennai-25 Dr. Sudarshan Pandian, Schrodinger Inc., Bangalore	25	53	70	20
2	International	07.01.2020	Nil	Dr. Mohamad Hafiz Bin Mamat ,	50	53	7	230



	webinar on Frontiers in Chemistry 2020” (IWFC-2020)			Professor NANO-Electronic Centre, University of Technology MARA (UiTM), Malaysia. Dr. Himanshu Narayan Professor & Head Department of Physics National University of Lesotho Lesotho, Southern Africa Dr. Palraj Kalimuthu School of Chemistry University of Queensland Australia Dr. Juan Gallo International Iberian Nanotechnology Laboratory Portugal				
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3	Awareness Programme on Career in Chemistry	27-01-2020	Nil	Prof. Muthupandian Ashokkumar, Assistant Deputy Vice-Chancellor International School of Chemistry, University of Melbourne, Australia	25	53	7	230
4	Three days online workshop on "Corrosion and its control"	02.06.2020 - 04.06.2020	Dr.D.Y.Patil Institute of Engineering, Management & Research, Pune, Maharashtra	Dr. Revathi Purushothaman, Associate Professor, BSACIST  Mr.Aniket.B.Kolekar, Assistant Professor, Dr.D.Y.Patil Institute of Engineering, Management & Research, Akurdi, Pune	8	14	286	337
5	International workshop on Futuristic medicinal and materials chemistry	08.06.2020 - 13.06.2020	Nil	Dr. SivakumarVaidyanathan Associate Professor Dept of Chemistry, NIT, Rourkela  Dr. Venkatesan Jeyachandran Professor, Yenepoya Research Center, Yenepoya University,	50	53	7	230

			<p>Mangalore.</p> <p>Dr. Ganapathy Veerappan DST-Inspire Faculty, Centre for Solar Energy Materials, ARCI, Hyderabad</p> <p>Dr. Parthiban Marimuthu Scientist, Pharmaceutical Sciences Laboratory/ Structural Bioinformatics Laboratory, Faculty of Science and Engineering, Åbo Akademi University, Turku, Finland</p> <p>Dr. P. Elumalai Professor &amp; Head Department of Green Energy</p>			
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				Technology, Pondicherry University  Dr.P .Thanigaimalai Senior Scientist, Dept of Pharmaceutical and Medicinal Chemistry, University of Bonn, Germany. JSPS and AVH Fellow				
6	Webinar on Serendipity in Chemistry	05.06.2020	Nil	Dr. J. Elangovan Assistant Professor Department of Chemistry Rajah Serfoji Govt. College Thanjavur	15	53	40	60
7	Webinar on Career opportunities in Chemical sciences	06.06.2020	nil	Dr.K.S.Vinod Kumar Manager life science division, Merck India	10	10	30	33
8	Webinar on, "The Gut - Microbiome - Brain Axis"	24.06.2020	NIL	Dr. Pradeep Rajasekaran, Scientist, Eccrine Systems Inc. Pvt. Ltd. USA	10	10	30	33

9	International Webinar on Supercapacitive Swing Adsorption and Extreme Chemistry for Phase Transformation	22.06.2020 - 23.06.2020		Dr. Damian Paliwoda Research Scientist Institute Charles Gerhardt Montpellier Um 5253 Montpellier Cedex France Dr. Kai Landskron Associate Professor Department Of Chemistry Lehigh university Pennsylvania, USA	14	20	20	40
10	National workshop on Electrochemical applications	29.06.2020 - 30.06.2020		Prof. G. Ranga Rao, Department of Chemistry, IITM. Dr. Raman Vedarajan Scientist, ARCI, Centre for Fuel Cell Technology, International Advanced Research Centre For Powder Metallurgy and New Materials Prof. P. Justin, Department of Chemistry IIIT, RGUKT, Kadapa Andhra Pradesh	14	20	30	50

11	National webinar on Synthesis and applications of bioactive organic compounds	19.06.2020 - 20.06.2020	Dr.G.Sekar Department of Chemistry IIT M  Dr.Narasimhan srinivasan CEO Asthagiri Herbal research foundation Chennai	14	40	50	90
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4. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Confernece / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution	Remarks
1	Awareness Programme on Career in Chemistry	27/01/2020	Rs 50,000/- from BSACIST	Most of the students from various institutions attended the programme have applied for our M.Sc programme

### 5. Conferences / FDP / Seminars / Workshops Attended

S. No	Name of the faculty	Name of the programme	Type of the programme	Duration (From - to)	Organising Agency	Details of sponsorship amount received
1	Dr. Revathi Purushothaman	Communication Skill for teachers	Webinar	26 April 2020	FTA, BSACIST	Nil
2	Dr .Revathi Purushothaman	Intellectual property rights- An overview	Webinar	1 May 2020	FTA and Dean (Research Office), BSACIST	Nil
3	Dr. Revathi Purushothaman	10 days workshop on e-content development	Workshop	21 - 30 April 2020	Universal Teaching Academy	Nil
4	Dr. Revathi Purushothaman .	Ioncudos OBE	Webinar	30 April 2020	TCS Ioncudos	Nil
5	Dr. Revathi Purushothaman .	FDP on Moodle Learning Management System	FDP	29 April to 1 May 2020	Kaypeeyes college of arts and science , Nilgiris in association with IIT Mumbai	Nil

6	Dr. Revathi Purushothaman.	Chemical structure drawing and nomenclature	Webinar	5th May 2020	ACD	Nil
7	Dr. Revathi Purushothaman	Sustainable waste management & legal aspects of EIA	Webinar series	6th- 11th May 2020	Civil department, BSACIST	Nil
8	Dr. Revathi Purushothaman	5-days workshop on e-content development	Workshop	14 - 18 May 2020	Universal Teaching Academy	Nil
9	Dr. Revathi Purushothaman .	Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop held on	Workshop	24 May 2020	Teaching Learning Centre (ICT) at IIT Bombay	Nil
10	Dr. Revathi Purushothaman	Deep listening	Webinar	9th May 2020	FTA, BSACIST	Nil
11	Dr. Revathi Purushothaman	Fundamentals of Effective Scientific Writing: Manuscripts and Grants	Webinar	9 June 2020	ACD	Nil
12	Dr. Revathi Purushothaman	E-bio fuel cell powered vehicle	Webinar	23 June 2020	Polymer Engg. Dept and Alumni Association BSACIST	Nil



13	Dr. Revathi Purushothaman	International Webinar on super capacitive swing adsorption and extreme chemistry for phase transformation	Webinar	22 - 23 June 2020	Chemistry dept, BSACIST	Nil
14	Dr. Revathi Purushothaman	Quiz programme on International yoga day	Workshop	21 June 2020	Physical Education Dept, BSACIST	Nil
15	Dr. Revathi Purushothaman	Recent advancements in highly fluorescent carbon quantum dots for multi potential applications	Webinar	26 June 2020	Christian College of Engg & Technology, Dindugul	Nil
16	Dr. Revathi Purushothaman	Principles and fabrication of electrodes for electrochemical sensor applications	Webinar	30 June 2020	Latha Madhavan Arts And Science College, Madurai	Nil
17	Dr. M. Asha Jhonsi	15th DAE-BRNS Biennial Trombay Symposium on Radiation & Photochemistry (TSRP-2020)	International Symposium	5-9th January, 2020	BARC, Mumbai	Nil
18	Dr. M. Asha Jhonsi	Electric Solar Vehicle	International	17-19th April	ISIE, India	Nil

		Project	Webinar series	2020		
19	Dr. M. Asha Jhonsi	Entrepreneurship & Government grant schemes for Startups for Faculty	Webinar	19th April 2020	CIIC, BSACIST	Nil
20	Dr. M. Asha Jhonsi	Stress Management	Webinar	24th April 2020	FTA, BSACIST	Nil
21	Dr. M. Asha Jhonsi	Online Teaching and Branding	Webinar	25th April 2020	FTA, BSACIST	Nil
22	Dr. M. Asha Jhonsi	Communication Skills for Teachers	Webinar	26th April 2020	ECE, BSACIST	Nil
23	Dr. M. Asha Jhonsi	All about Patents & Intellectual Property	Webinar	26th April 2020	CIIC, BSACIST	Nil
24	Dr. M. Asha Jhonsi	Ioncudos Software handling	Webinar	30th April 2020	Library, BSACIST	Nil
25	Dr. M. Asha Jhonsi	INSPEC on Engineering Village	Webinar	1st May 2020	ISIE, India	Nil
26	Dr. M. Asha Jhonsi	Fighting Corona- Leveraging Scientific Research & Innovation	Webinar	2nd May 2020	ACS Publications	Nil

27	Dr. M. Asha Jhonsi	How to Use Turnitin Software for your Research in Lockdown Period, Turnitin Online on Campus	Webinar	4th May 2020	Library, BSACIST	Nil
28	Dr. M. Asha Jhonsi	Alternative and Non-Traditional Careers in Chemistry and Related Sciences	International Webinar	5th May 2020	ACS Publications	Nil
29	Dr. M. Asha Jhonsi	Environmental Impact Assessment and its legal Aspects	Webinar	6th May 2020	School of Infrastructure, BSACIST	Nil
30	Dr. M. Asha Jhonsi	Tertiary Treatment of Sewage using Disc Filters	Webinar	9th May 2020	School of Infrastructure, BSACIST	Nil
31	Dr. M. Asha Jhonsi	Handling of Solid Organic Waste (Waste to Energy – ANDICOS)	Webinar	11th May 2020	School of Infrastructure, BSACIST	Nil
32	Dr. M. Asha Jhonsi	Effective and Efficient Online Teaching in the Age of Corona, A Hands	Webinar	13-17th May 2020	IIT, Bombay and MHRD	Nil

		On Workshop				
33	Dr. M. Asha Jhonsi	Access up to Rs.8 Crores Govt Grant in collaboration with Global Partners	Webinar	14th May 2020	CIIC, BSACIST	Nil
34	Dr. M. Asha Jhonsi	Strategies for Low Budget Research	Webinar	20th May 2020	CIIC, BSACIST	Nil
35	Dr. M. Asha Jhonsi	Basics Of 3D Printing Technologies & Its Industrial Applications	Webinar	21st May 2020	School of Mechanical, BSACIST	Nil
36	Dr. M. Asha Jhonsi	Various project opportunities for DST funding - Strategies on International cooperation	Webinar	23rd May 2020	Dean Research, BSACIST	Nil
37	Dr. M. Asha Jhonsi	ACS Guide to Scholarly Communication: Expert Advice for Early Career Researchers	International Webinar	27th May 2020	ACS Publications	Nil
38	Dr. M. Asha Jhonsi	Light/Matter Interactions: Illuminating Materials and Researchers	International Webinar	27th May 2020	ACS Publications	Nil

39	Dr. M. Asha Jhonsi	Futuristic Medicinal and Materials Chemistry” (FMMC-2020)	International Webinar series	9-11th June 2020	Chemistry Department, BSACIST	Nil
40	Dr. M. Asha Jhonsi	Ethics and Values of Alhaj Dr. BS Abdur Rahman	Webinar	9th June 2020	FTA, BSACIST	Nil
41	Dr. M. Asha Jhonsi	Importance of Precise Measurements in Science & Technology and Advances in Material Science	Webinar	15th June 2020	Physics Department , BSACIST	Nil
42	Dr. M. Asha Jhonsi	Recent Trends in Materials Science	International Webinar	18th June 2020	Physics Department, BSACIST	Nil
43	Dr. M. Asha Jhonsi	Super capacitive Swing Adsorption and Extreme Chemistry for Phase Transformation	International Webinar	22-23rd June 2020	Chemistry Department, BSACIST	Nil
44	Dr. M. Asha Jhonsi	Recent Advances in Modern Medicine	International Webinar	27th June 2020	Zoology Department, SRC, Trichy	Nil
45	Dr. M. Asha Jhonsi	Two Day Webinar Series on Electrochemical	International Webinar	29-30th June 2020	Chemistry Department, BSACIST	Nil

		Applications				
46	Dr. M. Asha Jhonsi	Webinar on Frontiers in Organic Electronics	International Webinar series	29th June to 3rd July 2020	NIT Rourkela, Odisha	Nil
47	Dr. Rafik Rajjak Shaikh	Advancements in Science and it's Applications in Engineering	Faculty Development Program	22 June to 26 June, 2020	Hyderabad Institute of Technology & Management, Telangana	Nil
48	Dr. Rafik Rajjak Shaikh	Super capacitive Swing Adsorption and Extreme Chemistry for Phase Transformation	International Webinar	22-23rd June 2020	Chemistry Department, BSACIST	Nil
49	Dr. Rafik Rajjak Shaikh	Synthesis & Applications of Bioactive Organic molecules	National Webinar	19 June-20 June 2020	Chemistry Department, BSACIST	Nil
50	Dr. Rafik Rajjak Shaikh	Advanced Materials for Sustainable Development	International Faculty Development Program	15 June-19 June, 2020	Dr. N.G.P. Institute of Technology, Coimbatore	Nil
51	Dr. Rafik Rajjak Shaikh	Nanomaterials - Remedy for Environmental Issues	Webinar	5th June, 2020	Justice Basheer Ahmed Sayeed College for	Nil

					Women, Chennai	
52	Dr. Rafik Rajjak Shaikh	Computational Methods In Chemistry and Physics of Materials (CCPM- 2019)	Seminar	28th and 29th November 2019	Chemistry Department, BSACIST	Nil
53	Dr. Rafik Rajjak Shaikh	International webinar on Frontiers in Chemistry 2020” (IWFC-2020)	Webinar	7th January 2020	Chemistry Department, BSACIST	Nil
54	Dr. Rafik Rajjak Shaikh	Electrochemical Applications	Webinar	29 June– 30 June 2020	Chemistry Department, BSACIST	Nil
55	Dr K. Shakeela	Computational Methods In Chemistry and Physics of Materials (CCPM- 2019)	Seminar	28th and 29th November 2019	Chemistry Department, BSACIST	Nil
56	Dr K. Shakeela	International webinar on Frontiers in Chemistry 2020” (IWFC-2020)	Webinar	7th January 2020	Chemistry Department, BSACIST	Nil
57	Dr K. Shakeela	Serendipity in Chemistry	Webinar	5th June 2020	Chemistry Department, BSACIST	Nil
58	Dr K. Shakeela	Super capacitive Swing Adsorption and Extreme	Webinar	22nd and 23rd June	Chemistry Department, BSACIST	Nil

		Chemistry for Phase Transformation		2020		
59	Dr K. Shakeela	Two Days Webinar series on Electrochemical Applications	Webinar	29th and 30th June 2020	Chemistry Department, BSACIST	Nil

6. Details Of Publication In National & International Journals & Conferences: (IEEE Format) given below

List of Publications (July 2019 – till date)

1. Devaraj Somasundaram, Kalpattu K. Balasubramanian, Bhagavathy Shanmugasundaram, Simple and Mild Stereoselective O-Glycosidation using 1,2-Anhydrosugars Under Neutral Conditions, , [Tetrahedron Letters](#), 60, 764-767., , 2019
2. P. Revathi, V. Hari Shankar, Incorporation of COF-LUZ-1 into the terpolyimide matrix to obtain COF-LUZ-1/Terpolyimide composites with ultra-low dielectric constant, *Journal of Engineering and Science*, 59, 814-820., 2019,
3. Cindy Dias, Nagamalai Vasimalai, Marisa P. Sárria, Ivone Pinheir, Vânia Vilas-Boas, João Peixoto and Begoña Espiña, Biocompatibility and Bioimaging Potential of Fruit-Based Carbon Dots, *Nanomaterials* 9(2), 199., 2019,
4. K. Andiappan, A. Sanmugam, D. Easwaramoorthy, K. Karuppasamy, H.-S. Kim, D. Virkraman, Schiff base rare earth metal complexes: Studies on functional, optical and thermal properties and assessment of antibacterial activity, , *International Journal of Biological Macromolecules*, 124, 403-410., 2019,
5. V. Srinivasan, M. Asha Jhonsi, A. Kathiravan, M. Ashokkumar, Fuel waste to fluorescent carbon dots and its multifarious applications, *Sensors & Actuators B. Chemical*, 282, 972-983., 2019,



6. Deviga Magadevan, Egambaram Dhivya, Noor Danish Ahrar Mundari, Trilochan Mishra, Noor Aman ,Development of novel TiO<sub>2</sub>-Cu<sub>2</sub>(OH)PO<sub>4</sub> heterojunction as nanophotocatalyst for improved Cr (VI) reduction, *Journal of Environmental Chemical Engineering*, 7, 102968, 2019,.
7. Meenakshi Ramalingam, Chandhru Mani, Sundar Manickam, Kutti Rani Srinivasalu,,N - Doped Carbon Wrapped Polyoxometalate Derived from POMIL Hybrid: A Heterogeneous Catalyst for the Synthesis of Coumarin Derivatives under Solvent-Free Conditions, *Eur. J. Inorg. Chem*, 1904-1910, 2019,.
8. R Saai Harini, D. Easwaramoorthy, V. Sai Muthukumar, R. Gowrishankar, ,Bandgap engineered (tin & carbon co-doped) bismuth titanate nanowires for improved visible-light assisted photocatalytic application, *Environmental Nanotechnology, Monitoring & Management*, 12, 100228., 2019
9. R Saai Harini, D. Easwaramoorthy, M Chandru, S. Kutti Rani,,Enhanced visible light photocatalytic performance of sulfur doped nano bismuth titanate semiconductor, *Materials Research Express*, 6, 075914., 2019,
- 10.K. Thirumalai, G. Ida, K. Selvakumar, D. Easwaramoorthy and M. Swaminathan,,Light Driven Activated Charcoal Supported Bi<sub>2</sub>O<sub>3</sub>-ZnO Nanocomposites; Hydrothermal Synthesis and Their Enhanced Photocatalytic and Self Cleaning Applications, UV-A. *J. Nanosci. Nanotechnol.* 19, 5089-5099, 2019.
- 11.G. Ida K. Thirumalai, , K. Selvakumar, D. Easwaramoorthy, and M. Swaminathan, Photocatalytic activity of Natural clay Bentonite supported ZnWO<sub>4</sub>, *Indian Journal of Chemistry, Sec-A*, 58A, 637-644, 2019.
- 12.Bharath Kasi, Vajjiravel Murugesan, N Kaliaperumal,,Super acid-catalyzed polymerization of phenothiazine and modified isatin, *Applied Petrochemical Research*, 1-10, 2019,.
- 13.E Marimuthu, Vajjiravel Murugesan ,Influence of ultrasound on multi-site phase transfer catalyzed polymerization of *N*-vinyl carbazole in two phase system, *SN Applied Sciences*, 1 (6), 638., 2019
- 14.K Swathi, Vajjiravel Murugesan, K Bhattacharyya, T K Mukhopadhyay, A Datta, KS Narayan ,A solution processed ultra-thin molecular dielectric for organic field-effect transistors, , *ACS Applied Electronic Materials*, 1, 4, 485-493, 2019

15. M. Chandru, R. Logesh, S. Kuttirani, Neesar Ahmed, N. Vasimalai, One-pot green route synthesis of silver nanoparticles from jack fruit seeds and their antibacterial activities with escherichia coli and salmonella bacteria, , *Biocatalysis and Agricultural Biotechnology*, 20, 101241, 2019
16. P. Shanmugasundarama, Kumar SahSaroj, Rasool Ubaid, S. Mahasampath Gowri, D. Easwaramoorthy, S. Hemalatha, Novel curcumin analogs act as antagonists to control nosocomial infection causing *Pseudomonas aeruginosa*, , *Biocatalysis and Agricultural Biotechnology*, 20, 101238, 2019.
17. Venkatesan Srinivasan, Mariadoss Asha Jhonsi, Namasivayam Dhenadhayalan, King-Chuen Lin, Devanesan Arul Ananth, Thilagar Sivasudha, Radhakrishnan Narayanaswamy, Arunkumar Kathiravan, Pyrene-based prospective biomaterial: *In vitro* bioimaging, protein binding studies and detection of bilirubin and Fe<sup>3+</sup>, , *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 221, 117150, 2019.
18. Muniyandi Maruthupandi, Mani Chandru, Srinivasalu Kutti Rani, Nagamalai Vasimalai, Highly Selective Detection of Iodide in Biological, Food, and Environmental Samples Using Polymer-Capped Silver Nanoparticles: Preparation of a Paper-Based Testing Kit for On-Site Monitoring, , *ACS Omega* 4, 11372-11379, 2019
19. Jayaprakash Thirunavukarasu, Rosina Begam, A. Shajahan, Synthesis, computational predictions of selective bioactive nicotinamide derivatives and *in vitro* biological evaluations, *Journal of Molecular Structure*, 1196, 518-526, 2019
20. Deviga Magadevan, Egambaram Dhivya, Yasam Palguna, Trilochan Mishra, Noor Aman, Synthesis of titanium based hetero MOF photocatalyst for reduction of Cr (VI) from wastewater, *Journal of Environmental Chemical Engineering*, 7, 103240, 2019.
21. G. Lavanya, K. Venkatapathy, C.J. Magesh, P.T. Perumal, R. Sathishkumar, P. Amudha, The First Recyclable, Nanocrystalline CdS Thin Film Mediated Eco-benign Synthesis Of Hantzsch 1, 4 Dihydropyridines, 1, 8-Dioxodecahydroacridine and Polyhydroquinolines derivatives, *Applied Organometallic Chemistry*, e5026. 2019

22. N. Sudhapriya, A. Manikandan, M. RajeshKumar, P.T. Perumal,, Cu-mediated synthesis of differentially substituted diazepines as AChE inhibitors; validation through molecular docking and Lipinski's filter to develop novel anti-neurodegenerative drugs, *Bioorganic and Medicinal Chemistry Letters* 29, 1308-1312, 2019.
23. K. Venkatapathy, C. J. Magesh, G. Lavanya, P. T. Perumal and R. Sathishkumar ,A nanocrystalline CdS thin film as a heterogeneous, recyclable catalyst for effective synthesis of dihydropyrimidinones and a new class of carbazolyl dihydropyrimidinones via an improved Biginelli protocol, , *New J. Chem.*, 43, 10989-11002, 2019.
24. R.S. Nathiya, Suresh Perumal, Vajjiravel Murugesan, V. Raj, ,Evaluation of extracts of *Borassus flabellifer* dust as green inhibitors for aluminium corrosion in acidic media, *Materials Science in Semiconductor Processing* 104 104674, 2019.
25. Murugan Vadivelu, Sugirdha Sampath, Kesavan Muthu, Kesavan Karthikeyan, Chandrasekar Praveen ,Harnessing the TEMPO catalyzed aerobic oxidation for Machetti–DeSarlo reaction towards sustainable synthesis of isoxazole libraries, , *J. Org. Chem.*, 84, 13636-13645. 2019
26. D. Gangaprasad, J. Paul Raj, K. Karthikeyan, R. Rengasamy, M. Kesavan, M. Vajjiravel, J. Elangovan, A new route to 1,2,3-triazole fused benzooxazepine and benzodiazepine analogues through metal-free intramolecular azide-olefin oxidative cycloaddition, *Tetrahedron Lett.* 60, 151164, 2019.
27. H. Venkatasubramanian, Sarojkumar Sha, S. Hemalatha and D. Easwaramoorthy,, Synthesis, characterisation and antimicrobial activity of new nicotinamide-thiazole derivatives, *Rasayan J. Chem*, 12, 2005- 2010, 2019.
28. V. Sathiyarayanan, H. Venkatasubramanian and D. Easwaramoorthy ,Novel HPLC stationary reverse phase compound derived to validate irbesartan and its impurities,, *Rasayan J. Chem*, 12 , 2141- 2148,2019.
29. B. Preethi, Sarojkumar Sha, R. Jayaprakash, S. Kutti Rani and S. Hemalatha,, Synthesis, characterization and biological studies on 4-bromo-2- $\{(z)-[(\text{furan-2-ylmethyl}) \text{imino}] \text{methyl}\}$ phenol praseodymium complex, *Rasayan J. Chem*, 12 , 1455-1462,2019.

30. Alok Sarkar, Lalit Mohan Singh Negi, Kenrick M. Lewis, Nagamalai Vasimalai, E. Bhoje Gowd, Debarshi Dasgupta, Microstructure Induced Rigidity of Polysiloxane Yielding Hierarchical Self-Assembly of Alkyl Side Chains, *macromolecular chemistry and physics*, 220, 1900408. 2019
31. Abdul Nasar Kalanthoden, M. Nasiruzzaman Shaikh, Md. Abdul Aziz, S. Kutti Rani, Pd Nanoparticles Decorated on Jute Sticks: Dip-Catalyst of Suzuki-Miyaura and Mizoroki-Heck C–C Bond Formation Reactions in Water, *Chemistry select*, 4, 12832-12840, 2019.
32. Elumalai Marimuthu, Vajjiravel Murugesan, Polymerization of N-vinyl caprolactam by ultrasound aided dual-sited phase transfer catalytic conditions, *Adv Compos Hybrid Mater*, 2, 670-680, 2019.
33. R. S. Nathiya, Suresh Perumal, Malathy Moorthy, Vajjiravel Murugesan, Rajavel Rangappan<sup>1</sup> and V. Raj, Synthesis, Characterization and Inhibition Performance of Schiff Bases for Aluminium Corrosion in 1 M H<sub>2</sub>SO<sub>4</sub> Solution., *J Bio Tribo Corros* 6: 5, 2020.
34. G. Sruthi, K. Shakeela, R. Shanmugam and G. Ranga Rao, The corrosion inhibition of stainless steel by ferrocene-polyoxometalate hybrid molecular materials - experimental and first principles studies, *Phys. Chem. Chem. Phys.* 22, 3329-3344, 2020.
35. Antimicrobial activity and corrosion inhibition property of Schiff bases derived from Imidazole, S. Pandirajan, D. Easwaramoorthy, R. Karthikeyan and N. Hajarabeevi, *Indian Journal of Chemical Technology*, 2020, in press.

#### International Conference & National Conference:

1. J. Immaculate Mercy, N. Vasimalai, Ultrasensitive and selective detection of cysteamine drugs in biological samples using biopolymer capped silver nanoparticles as a probe, Nanotechnology – The Fascinating World of Science, Anna Adarsh College, Chennai. 22<sup>th</sup> August 2019. (National)

2. J. Immaculate Mercy, N. Vasimalai Facile Synthesis of Disaccharide Capped AgNPs for Highly Selective and Sensitive Detection of L-Cysteine, CSIR sponsored National Conference on New-Generation Materials for Energy Applications, Department of Physics, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai. 21<sup>th</sup> & 22<sup>th</sup>, October, 2019. (National).
3. M. Chandhru, S. Kutti Rani, N. Vasimalai Preparation of Biofilm from Plant Extract Derived Silver Nanoparticles and its Antibacterials Studies at International Conference on Advanced Nanomaterials for Energy Engineering Biological and Medical Applications 2019, Chettinad College of Engineering and Technology, Karur, Tamil Nadu, 12<sup>th</sup> - 13<sup>th</sup> December 2019. (International).
4. M. A. Ashkar, S. Gokul Eswaran, S. Sahila, N. Vasimalai Highly Selective and Sensitive Detection of Glycine Amino Acid Using Thiadiazole Capped Silver Nanoparticles at Recent advances in nanomaterials chemistry for sustainable development, Madras Christian college, Chennai. 12<sup>th</sup> - 13<sup>th</sup> December 2019. (National).
5. S. Gokul Eswaran, M. A. Ashkar, N. Vasimalai Highly selective and ultra-sensitive detection of pesticide using sebacic acid capped silver nanoparticles at National seminar on recent trends in biological nanochemistry (RTBNC-2020), DR. Zakir Husain College, Ilayangudi. 12<sup>th</sup> - 13<sup>th</sup> January 2020. (National, Best First Oral Award).
6. D. Thirupathi, S. Gokul Eswaran, N. Vasimalai Synthesis of highly fluorescent carbon nano dots from kitchen waste for the determination of Au(III) ions and L-Valine amino acid at National seminar on recent trends in biological nanochemistry (RTBNC-2020), DR. Zakir Husain College, Ilayangudi. 12<sup>th</sup> - 13<sup>th</sup> January 2020. (National, Best First Poster Award).
7. E. Mukesh, M. Maruthupandi, D. Easwaramoorthy, N. Vasimalai Highly Selective Spectrophotometric detection of dichlorvos pesticide in Environmental Samples Using Biopolymer Capped Gold Nanoparticles as Probe at National seminar on recent trends in biological nanochemistry (RTBNC-2020), DR. Zakir Husain College, Ilayangudi. 12<sup>th</sup> - 13<sup>th</sup> January 2020. (National, Best Second Poster Award).

8. M. Chandhru, S. Kutti Rani, N. Vasimalai Ultrasensitive and Selective Detection of Histidine Amino Acid Using Cdots@Silver Nanoparticles as Probe at International Seminar on Emerging Trends in Chemistry & Energy Science (ETCES-2020), Saraswathi Narayanan College, Madurai-625 022. 07<sup>th</sup> February 2020. (International, Best First Poster Award).
9. K.M. Manimozhi, G. Shruthi, M. Maruthupandi, N. HajaraBeevi, N. Vasimalai Novel Synthesis of MercaptoThiodiazole Functionalized Silver Nanoparticles and their Selective and Ultrasensitive Detection of Amoxicillin Antibiotic in Drugs and Blood Serum Samples at Recent Trends in Material Science and Nanoscience, Bharathi Women College, Chennai. 12<sup>th</sup> February 2020.
10. M. Sandhiyamalathi, M. Chandhru, S. Kutti Rani, N. Vasimalai "Synthesis of Carbon Dots Supported Silver Nanoparticles For the Selective and Sensitive Detection of Glutathione" at National conferences on the recent technological advances and basic applied sciences (NCTRTABAS-2020), 25 February 2020, Alpha Arts and Science College, Porur, Chennai.
11. M. Chandhru, R. Meenakshi, M. Sundar, S. Kutti Rani "Synthesis Of Phosphomolybdic Acid Dispersed Carbon From Starch: Optical And Electrochemical Studies" at Proceedings of CSIR Sponsored National Conference on New-Generation Materials for Energy Applications-2019, 21<sup>st</sup> & 22<sup>nd</sup> OCT 2019, Department of Physics, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai-48

#### 7. Details of Impact Factor of the Publication and H-Index

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|------------------|--|
| A) Range         | 1-9.6                                  |
| B) Average       | 2.0                                    |
| C) H-Index       | 23                                     |
| D) No. In Scopus | 35 (all papers published in this year) |

8. Sponsored Research (Ongoing / Applied)

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1	Dr.S.Kutti Rani, Dr.D.Easwaramoorthy Dr.M.Basheer Ahamed Dr.M.Asha Jhonsi Dr.M.Mohamed sheik sirajuddeen Dr.R.Amirrudin	DST	Fund for Improvement of S&T infrastructure in universities & higher educational institutions (FIST) –Level 1	Applied for 3.12 C	-	-	-	In screening process
2	Dr. M. Asha Jhonsi	SERB - TARE	Light induced process of Hierarchical electron cascade system, Materials and Devices for Solar energy conversion	18.3 Lakhs	2.5 Lakhs	2.5 Lakhs	Rs. 4,689/- (Interest amount)	Ongoing

3	Dr.K.Karthikeyan	TNSCST	Triazole based new functional chromophores for optoelectronic and biological applications,	Yes	-	ongoing	3.2 lakhs	Ongoing
4	Dr.Revathi Purushothaman	BSACIST	Soot based carbon nanoparticles / polyimide nanocomposites for flexible printed circuits in aerospace applications	Yes	Ongoing	Nil	Rs 20,000/-	Ongoing
5	Dr.N.Vasimalai	BSACIST	-	yes	Ongoing	Nil	Rs 20,000/-	Ongoing
6	Dr.Noor Aman Ahrar Mundari	BSACIST	Biomass Derived Magnetic Nanomaterials for Environmental Applications	Yes	Ongoing	Nil	Rs 25,000/-	Ongoing
7	Dr.Rafik Rajjak Shaikh	BSACIST	-	Yes	Ongoing	Nil	Rs 25,000/-	Ongoing



## 9. International Visits By Faculty / Students

<u>S.</u> <u>No</u>	Name of the Faculty/Student	Name of the Institution/Industry	Country Visited	Purpose of visit	Period of visit	Outcome
1	Dr. Rafik Rajjak Shaikh	King Abdullah University of Science and Technology	Saudi Arabia	Saudi Research Science Institute	July to 02, August 2019	International resource person for CCPM-19, Opportunity of MoU & future student exchange
2	Dr. M. Asha Jhonsi	University of Melbourne	Australia	University Guest Visit (Academic) to research lab of Professor. Muthupandian Ashokkumar, School of Chemistry	28th September to 12th October 2019	Colloborativer research publications (2) and future short term visits for faculty members' faculties and students' exchange.

## 10. Achievements of Staff

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Dr.M. Asha Jhonsi	Best Young Faculty Award	BSACIST	Sep, 2019

## 11. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Vijay. M	170522601020	Passed in GATE examination	National Coordination Board – GATE, Department of Higher Education, Ministry of Human Resources Development (MHRD)	June 2019
2	Sandhiya Malathi	180522601023	Student Project	Tamilnadu State Council for Science and Technology (TNSCST)	2019-20
3	Joyce. K	180522601010	Student Project	Tamilnadu State Council for Science and Technology (TNSCST)	2019-20
4	Bhavadharini. S	180522601004	Summer Internship with Fellowship	Indian Science Academy	2019
5	Sowmiya. P	180522601027	Summer Internship with Fellowship	IIT, Madras	2019
6	Mr. Bharath	190522601007	Summer Research Training Programme (SRTP)	CSIR	2020
7	Kathija Saheeba	190522601010	Summer Research Training	CSIR	2020

			Programme (SRTP)		
8	Sameera Kathoon	190522601024	Summer Research Training Programme (SRTP)	CSIR	2020
9	Shaik Aeisha	190522601028	Summer Research Training Programme (SRTP)	CSIR	2020
10	Shamini	190522601030	Summer Research Training Programme (SRTP)	CSIR	2020
11	Venkatraman	190522601032	Summer Research Training Programme (SRTP)	CSIR	2020
12	Maruthupandi	180913701001	BEST Paper Award	Advance Topics in Interdisciplinary Research Physics and Chemistry, SRNMC	2019
13	Gokuleswaran	190913701001	BEST Paper Award	Recent Trends in Biological Nanotechnology, DZHC	2019
14	Mukesh.E	180522601016	BEST Paper Award	Recent Trends in Biological Nanotechnology, DZHC	2019
15	K.Venkat Ramanan	190522601032	First Prize in Paper Presentation	Nanotechnology in Advance Medicine, Guru Nanak College Chennai	2020
16	Samira Khathoon	190522601024	First Prize in Paper Presentation	Advanced Methods in Presentation of Noble Metal	2020

				Nanoparticles in MGR University, Chennai	
17	Mr. K.Venkat Ramanan & Ms. Renita mary	190522601032 190522601022	First prize in Chem debate	MCC college ,Tambaram	2020
18	Aishwarya V	190522601002	Summer training programme in Chemistry online platform STPIC- 2020	University of Madras	2020
19	Gunasekaran P	190522601009	Summer training programme in Chemistry online platform STPIC- 2020	University of Madras	2020
20	Renita mary G	190522601022	Summer training programme in Chemistry online platform STPIC- 2020	University of Madras	2020
21	Chandru M	150913701002	Best paper award	Seminar on Emerging Trends in Chemistry & Energy Science (ETCES-2020), Saraswathi Narayanan College, Madurai-625 022.	07 <sup>th</sup> February 2020.
22	S. Gokul	190913701001	Best paper award	National seminar on recent trends	12 <sup>th</sup> - 13 <sup>th</sup>

	Eswaran			in biological nanochemistry (RTBNC-2020), DR. Zakir Husain College, Ilayangudi.	January 2020.
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## 12. Developmental Activities

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Coaching for clearing CSIR-NET and GATE	Jan-March, 2020	Dr. D. Easwaramoorthy Dr.Swapan K.Dos , Dr.Noor Aman ahrar Mundari, Dr.K.Karthikeyan and Dr.K.Shakeela conducted the coaching classes for M. Sc I and II year students. 35 students attended the coaching class	To help the students in clearing competitive exams like NET and GATE	1 student from 2017-19 batch cleared the GATE
2	Soft skill class for M.Sc students	Jan-March, 2020	Dr. Syed Adil, Professor from English department conducted Spoken English class for 20 students of M.Sc I and II year classes.	Personality development of M.Sc I and II year students to make them fit for Industries	5 students got placed in industries

### 13. Society Activities

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1	Alkemia Association	Guest Lecture	12	54	--	Dr. Karunambigai Kalichamy	International Collaborative research	

### 14. Important Visitors

<u>S.No</u>	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Dr. Muthupandian Ashokkumar	School of Chemistry, University of Melbourne, Australia	Guest Speaker for Awareness programme conducted on 27.01.2020	International Collaborative research
2	Dr. M. Jeyaraj	National Centre for Nanoscience and Nanotechnology University of Madras, Guindy Campus, Chennai	DC member of Mr. V. Srinivasan, Synopsis meeting was conducted on 15.11.2019	National level collaboration

3	Dr. Karunambigai Kalichamy	Animal Physiology Department, University of Turku, Turku, Finland	Alkemia Lecture Series 2020" on 24th January 2020	International Collaborative research
4	Dr.V.Murugesan	Director Research , Chettinad academy of Research and Education, Chennai	Member, Board of Studies.	Improvisation of syllabus and collaborative research
5	Dr. B.Balasundaram,	Vice President and Head- Technical services, Pharmazell Pvt Ltd, Chennai	Member, Board of Studies.	Improvisation of syllabus and collaborative research
6	Dr.M.Palanichamy	Professor Eminence, School of Chemistry, University of Madras	Member for SLAC	Improvisation of syllabus
7	Dr. Sarathy Iyengar	Head Explo. Research, Chemicals Technology group	Member for SLAC	Improvisation of syllabus and collaborative research
8	Dr.S. Anandan	Professor and Head, Department of Chemistry, NIT, Tiruchi	DC member of Mr. Sivasankar prasad	National level collaboration
9	Dr.J. Umapathy	Assistant Professor,	DC member of Mrs. A.Kavitha	National level collaboration

		Department of chemistry , Anna university		
10	Dr. Balaji Rengarajan,	Scientist, Centre for Fuel cell technology- Advanced Research Centre International (CFCT-ARCI)Taramani, Chennai 600 113	DC member of Mrs. R.Saiharini	Collaborative research work for M. Sc students
11	Dr.K.Ravichandran	Professor and Head Department of analytical chemistry Madras university	DC member of Mr. V.Sathyanarayanan and Mr. H. Venkatasubramanian	Collaborative research work for M. Sc students
12	Dr.P.Gowtham	Professor (eminence) Centre for Biotechnology, Anna University	DC member of Mr. R. Mohanraj	Resource person for orientation programme for the first year B. Tech students
13	Dr.K.Pandian	Professor of Chemistry &Controller of examinations Madras University	DC member of Ms. B. Preethi	Collaborative research work for M. Sc students



14	Dr.E. Murugan	Professor & Head department of physical Chemistry University of Madras	Committee member for academic and administrative audit of the department	collaborative research work for M. Sc students
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Participants of the awareness programme on Careers in Chemistry



Faculties of chemistry department and the Director International collaboration with the Chief Guest during the inauguration



Honouring the Chief Guest Prof. Muthupandian Ashokkumar, Assistant Deputy Vice-Chancellor International, School of Chemistry, University of Melbourne, Australia by our Pro Vice Chancellor Dr. A. Peer Mohamed



Visit of first year B.Tech students as a part of AICTE orientation programme to Dakshina Chitra Museum



Visit of first year B.Tech students as a part of AICTE orientation programme to Dakshina Chitra Museum.



Waste processing unit of the industry



Industrial visit to M/S Kawman Pharma PvtLtd B-2, Sipcot Industrial Complex, Kudikadu,Cuddalore

## **SCHOOL OF SOCIAL SCIENCES AND HUMANITIES**

- **DEPARTMENT OF ENGLISH**
- **DEPARTMENT OF COMMERCE**

## DEPARTMENT OF ENGLISH

### 1. New Programmes Started

S.No	Name of Programme	Month & Year of Introduction	Details of Approval			
			Board of Studies	Academic Council	BOM	AICTE/UGC
1.	B.A.English (Hons.)	July 2019	Conducted on 05.03.2019, 31.05.2019 08.01.2020			

### 2. Value Added Programmes Started

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	Business English Certificate Course (Preliminary level and Vantage level)	II and III Semesters B.Tech	30 hrs/level	Cambridge Assessment English	All students of II and III semesters B.Tech.	-	-

Important Remarks: Mousigned with Cambridge Assessment English

### 3. Training Programmes Offered

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	Aptis Student Support Programme	5.3.2020, 9.3.2022-10.3.2020	Three days	British Council, Chennai	47, from Arts stream	-	-

### 4. Interdisciplinary Programmes Conducted

S.No	Name of Programme	Other departments involved	Details of Participants			Programme Outcome
			Students	Faculty	Others (Research scholars)	
1	Two days workshop on 'Writing for Research Purpose' (conducted from 19-20th July 2019)	Department of English & Office of Dean Research	-	70	30	Research scholars from English & other disciplines will be able to edit, proofread and write a

						good Ph.D thesis/research paper
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5. Details of Field visits organized by the department

Sl. No	Participant Details				Name of accompanied faculty	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1.	B.A.English (Hons.)	2	-	18	Dr.H.Sofia Dr.S.Vijayakumar Dr.MdSahidullslam Dr.Syed Adil Zaid Mrs. N.Suguna	American Library, Chennai	5.2.2020	Students learnt the best ways to access and use quality information and resources to help them enhance their learning.	No

6. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	'Writing for Research Purpose'	Workshop	July 19th - 20th 2019	Office of Dean (Research), BSACIST	Dr.AlbertP'Rayan, Prof.& Head/English,KCG College of Engg,Chennai. Dr.K.Ganesh Prof.& Head/English, MCC,Chennai. Dr.Anthonysamy, Prof.& Head/English, Loyola College, Chennai.	17	18	35	-10





3.	Teacher Development Programme for Teachers of English	Workshop	27.2.2020			13		22	
4.	'Language Testing and Assessment.'	Faculty Development Programme			Dr.T.ShrimathiVenkatalakshmi, Head of the Department of English, Anna University(CEG) Guindy	14		36	

7. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution
1	Workshop	2 days	Rs.60,000/-

2.	Workshop	1 day	Rs. 35,000/-
3	FDP	1 day	Rs.30,000/-
4.	Guest lecture	2 hrs	Rs.3,000/-

8. Conferences / FDP / Seminars / Workshops Attended

Sl. No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency
1.	Dr.H.Sofia	1. 'Writing for Research Purpose'	Workshop	19th July-20th July	BSACIST
		2. Re-energizing English Language Teaching	Workshop	21.2.2020	BSACIST
		3. 'Language Testing and Assessment.'	FDP	27.2.2020	BSACIST

	4. The Indian English literary Canon: Perspectives, Texts and Readership,	Webinar	17.5.2020	BSACIST
	5." Polish your Academic Writing"	Webinar	22.5.2020	BSACIST \ 
	- 6. Developing Vital Critical Thinking and Communication Skills through Visuals,	Webinar	10.6.2020	BSACIST
	6.Research Ethics	Webinar	7.5.2020	BSACIST
	7.Stress Management			
	8.Advancing through Adversity	Webinar	23.3.2020	BSACIST
	9.Research Workflows,Research Metrics and Excellence in Academic Institutes	Webinar	14.4.2020	BSACIST
	10.Digital technologies	Online	12.5.2020 26 <sup>th</sup> - 29 <sup>th</sup> April 2020	Elsevier & AICTE

	for ELT professionals	workshop	8.5.2020	Kathmandu University
	11." Literature of the Subaltern",	National Webinar	12.5.2020	Department of English of Arts, Commerce and Science College Navapur, Dist.Nandurbar
	12."Assessing Listening",	Webinar	6.5.2020	British Council
	13.Enhancing English Communicative Competence of Students using visuals	Webinar	19.5.2020	Tamil Nadu Teachers Education University Centre for Civil Services and TNPSC Coaching & Annai College of Education of Education
	14."Syllabus For English Studies In India: Post-Corona Challenges	Webinar	20.5.2020	Panchakula(College of Excellence), Department of
	15. Scientific Writing for Journals	Webinar		

		16. "Assessing Reading	Webinar	19.5.2020	English Springer Nature.
		17. Assessing Speaking",	Webinar	26.5.2020	British Council
		18. Literature as a Medium for Teaching Emotional Intelligence	Webinar	3.6.2020	British Council
		19. TOEFL IBT	Workshop	30.8.2010	Global Division, ETS
2.	Dr.P.Rathna	1. "Effective Teaching Practices"	FDP	3 <sup>rd</sup> July 2019	BSACIST
		2. Annual Refresher Course in English Language Teaching	Refresher Course	Nov2019-Feb.2020 (20 weeks)	Swayam
		3. "Gendering Literature and Culture: Australia and the Asia-Pacific" on 20th and 21th January	International Conference	2 days	University of Madras

		2020. 4. The Indian English literary Canon: Perspectives, Texts and Readership, 5." Polish your Academic Writing" - 6. Developing Vital Critical Thinking and Communication Skills through Visuals,	Webinar	17.05.2020	BSA CIST
			Webinar	21.05.2020	BSA CIST
			Webinar	10.06.2020	BSA CIST
3.	Ms.A. Catherine Anna Pushpam	Effective Teaching Practices	FDP	3 <sup>rd</sup> July 2019	BSACIST
		Writing for Research Purpose	Workshop	19 <sup>th</sup> & 20 <sup>th</sup> July 2019	BSACIST
		Language Testing and Assessment	FDP	27 <sup>th</sup> February 2020	BSACIST
		Revisiting English Language and	International Conference	22 <sup>nd</sup> January 2020	SDNB Vaishnav College, Chennai

	Literature in a Multicultural Milieu			
	Turnitin Online on Campus	Webinar	04.05.2020	Guru Nanak Institute of Management Studies & Turnitin
	Translation & Research – A Contemporary Perspective	Workshop	15.05.2020 - 21.05.2020	Sri Vasavi College, Erode
	The Indian English Literary Canon: Perspectives, Texts & Readership	Webinar	17.05.2020	Dept. of English, BSACIST
	Catastrophic Effects of Global Adversities and the Therapeutic Power of Literature	International Webinar	20.05.2020	Emerald Heights College for Women, Ooty
	Polish Your Academic Writing	Webinar	21.05.2020	Dept. of English, BSACIST



		Culture & Myth	Webinar	27.05.2020	Ayya Nadar Janaki Ammal College, Sivakasi
		Developing Vital Critical Thinking & Communication Skills through Visuals	Webinar	10.06.2020	Dept. of English, BSACIST
		Cultural Studies	National webinar	10.06.2020	B.S.S. Arts, Science & Commerce College, Osmanabad, Maharashtra
		Covid-19 Pandemic & the Psycho-Social Status of the Stakeholders of Educational Institution	Webinar	14.06.2020	IQAC, Shimurali Sachinandan College of Education & International Society for Intercultural Studies & Research (ISISAR), West Bengal
		Poetry for the Fractured World	National Webinar	15.06.2020	Maniben Nanavati Women's College & SNTD College of Arts & SCB College of

				Commerce and Science for Women, Mumbai
	Literary Criticism and Theory	Webinar	17.06.2020	Pachaiyappa's College, Chennai
	Contemporary Reflections on Critical Theories and Aesthetics	National Webinar	19.06.2020-20.06.2020	Higher Education & Research Society, Mumbai, Maharashtra
	Academic Writing Skills	International Webinar	22.06.2020	Nandha Arts & Science College, Erode
	Novel and Theatre: Convergences And Divergences	State level Webinar	29.06.2020-30.06.2020	Kamaraj College, Thoothukudi
	'Effective and Efficient Online Teaching in the Age of Corona: A Hands on Workshop	Hands-on workshop	15.05.2020 - 17.05.2020	IIT Bombay

4.	Dr. S. Vijayakumar	“Developing Vital Critical Thinking & Communication Skills through Visuals”	International Webinar	10.06.2020	Dept. of English, BSACIST
		“Language Testing and Assessment”	FDP	27.02.2020	Dept. of English, BSACIST
		“Re-energizing English Language Teaching”	Teacher Development Program	21.02.2020	Dept. of English, BSACIST
5.	Dr. Md. Sahidul Islam	“Developing Vital Critical Thinking & Communication Skills through Visuals”	International Webinar	10.06.2020	Dept. of English, BSACIST
		“Literature as a Medium for Teaching Emotional Intelligence”	International Webinar	03.06.2020	Dept. of English, BSACIST
		“The Indian English Literary Canon:	Webinar	17.05.2020	Dept. of English, BSACIST

		Perspectives, Texts & Readership”			
		“Language Testing and Assessment”	FDP	27.02.2020	Dept. of English, BSACIST
		“Re-energizing English Language Teaching”	Teacher Development Program	21.02.2020	Dept. of English, BSACIST
5.	Mrs.N.Suguna	"Effective Teaching Practices"	FDP	I Day 03.07.2019	BSACIST
		Annual Refresher Course in English Language Teaching	Refresher Course	Nov2019-Feb.2020 (20 weeks)	Swayam
		Writing for Research Purpose	Workshop	19 <sup>th</sup> & 20 <sup>th</sup> July 2019	BSACIST
		Activity Based Learning for Tertiary Level ESL Learners’	FDP	24th July ‘19	Sri Sairam Engineering College, Chennai

		Language Testing and Assessment	FDP	27 <sup>th</sup> February 2020	BSACIST
		The Indian English Literary Canon: Perspectives, Texts & Readership	Webinar	17.05.2020	Dept. of English, BSACIST
		Polish your Academic Writing	Webinar	21.05.2020	BSA CIST
		Developing Vital Critical Thinking and Communication Skills through Visuals.	Webinar	10.06.2020	BSA CIST
	Mrs.N.Suguna	Preparing your students online for speaking papers in Cambridge English Qualifications.	Webinar	28.04.2020	Cambridge Assessment English
		Preparing your students online for Writing	Webinar	05.05.2020	Cambridge Assessment English

		papers in Cambridge English Qualifications.			
	Mrs.N.Suguna	How to teach children online and overcome the physical Distance.	Webinar	13.05.2020	Cambridge University press
		Knimbus Online Training on the Importance of DIGITAL Libraries in Research and Learning.	Webinar	21.05.2020	BSACIST &Knimbus
		YUHTHA 2020 -Three days International webinar	Webinar	15.06.2020 – 17.06.2020	Women Empowerment cell, Kongunadu Arts and Science College,Coimbatore.
6.	Dr.A.Sulochana	Essential Future Skills For Post Covid	Webinar	5 <sup>th</sup> June, 2020	B.S. Abdur Rahman Crescent Institute of Science and Technology
		Postcolonial	International	03.06.2020-	Sidho-Kanho-Brisha

		Negotiations: History, Literature and Culture	Webinar	05.06.2020	University, Puruha, West Bengal and BBTM College
		Teaching Comprehensive Skills to Digital Native	Webinar	05.06.2020	Vels Institute of Science and Technology and Advanced Studies, Chennai
		Restaging the Rehearsal – A Glimpse into Drama	Webinar	5 <sup>th</sup> and 6 <sup>th</sup> June 2020	Parvathy's Arts and Science College, Wisdom City, Dindigul
		The Power of Positivity	Webinar	05.06.2020	St. Thomas College of Arts and Science, Chennai
		Revisiting Teaching & Learning Strategies	Webinar	04.06.2020	Hindusthan College of Engineering and Technology, Coimbatore
		Virtual Tools to Aid Educators	Webinar	3 <sup>rd</sup> June 2020	AnnaiVeilankanni's College for Women
		Fight Against Covid with the Power of Emotional Intelligence	Webinar	30 <sup>th</sup> May, 2020	St. Peter's Institute of Higher Education and Research, Avadi, Chennai

		Quality in Teaching, Learning and Evaluation: A Need for Academic Excellence	National Conference	29 <sup>th</sup> – 30 <sup>th</sup> May, 2020	St. Aloysius College (Autonomous), Jabalpur, M.P
		Enhancing Language and Literature	National webinar	29 <sup>th</sup> May, 2020	Thiyagarajar College, Madurai
		A Comprehensive Roadmap to Pursue Academic Research	Webinar	29 <sup>th</sup> May, 2020	SRMIST-Katankulathur
		Anxiety And Well Being	Webinar	27th May, 2020	St. Thomas College of Arts and Science, Koyambedu, Chennai
		Outcome Based Education: An Introduction	Webinar	27.05.2020	CK College of Engineering and Technology
		Changing faces on English Teaching/Learning in	FDP	26 <sup>th</sup> May to 28 <sup>th</sup> May, 2020	Kristu Jayanti College (Autonomous), Bengaluru



		the Post Pandemic World			
		Indigenous Knowledge Systems and Modern Education	Five Days Webinar Series FDP	25 <sup>th</sup> May 2020 to 29 <sup>th</sup> May 2020	Sri Ayyappa College for Women (SACFW) and Shisha SanskritiUtthanNyas (SSUN)
		Beyond Academic Excellence – A Reality Show	Seven Days Webinar Series FDP	25.05.2020-31.05.2020	NallamuthuGoundar Mahalingam Collge(Autonomous), Pollachi, Coimbatore
		Skillset for Effective Classroom Teaching	Webinar	23 <sup>rd</sup> May, 2020	R.M.K. Engineering College
		Polish Your Academic Writing	Webinar	21.05.2020	Dept. of English, BSACIST
		Boost Yourself Exponentially	International Workshop Webinar	22 <sup>nd</sup> & 23 <sup>rd</sup> May, 2020.	Nehru Arts and Science College, Coimbatore

		Research Methodology	National webinar	21 <sup>st</sup> May, 2020	SVD. Government Degree College (W), Nidadavole, West Godavari District, Andhra Pradesh and Khandesh Chapter of English Language Teachers' Association of India
		The Indian English Literary Canon: Perspectives, Texts & Readership	Webinar	17.05.2020	Dept. of English, BSACIST
		Impact of COVID-19 in Building Relationships and Meeting Educational Needs of Students	National Webinar	16 <sup>th</sup> May, 2020	Faculty Development Centre (FDC) of Tamil Nadu Teachers Education University under the eegis of Pandit Madan Mohan Malviya National Mission on Teachers and Training (PMMMNTT), MHRD, Govt. of India

		National Faculty Enrichment Programme	National Faculty Enrichment Programme	13th May to 19th May 2020	MannarThirumalai Naicker College, Madurai
		Pandemic and Post – Pandemic Reflection	The Golden Jubilee National Webinar Series	15/5/20, 19/5/20 and 30,5,20.	Bharata Mata College, Thrikkakara, Kerala
		Mobilizing the Values of Soft Skills	National Conference	05.03.2020	Tagore Engineering College, Chennai
7.	Mr.S. Sakthivel	Writing for Research Purpose'	Workshop	Two Days(19th & 20th July '19	BSACIST
		Activity Based Learning for Tertiary Level ESL Learners'	FDP	24th July '19	Sri Sairam Engineering College, Chennai
		Author Workshop	Workshop	30th July '19	Springer Nature & BSACIST

		Rubrics Assessment'	Workshop	14th Aug '19	SCSVMV
		TOEFL Ibt Test'	Workshop	30th Aug '19	Global Division, ETS
		Creative Writing'	International Workshop	6th Sep '19	AVS College of Arts and Science, Salem
		Initiation into Journalistic Writing and Ad Writing	National level workshop	4 <sup>th</sup> October, 2019	Loyola College
		Research Methodology & IPR'	FDP	30 <sup>th</sup> November, 2019.	Rajalakshmi Engineering College
		Virtual Assessment Programme on Research Methodology	Workshop	13th May '20	SCSVMV
		Critical thinking through literature	Webinar	11th May '20	PSGR Krishnammal College for Women
		Life Skills to Excel in	Webinar	23rd May '20	K. Ramakrishnan College of

		Job Market			Technology, Trichy
		Polish Your Academic Writing	Webinar	21st May '20	BSACIST
		The Indian English Literary Canon: Perspectives, Texts and Readership	Webinar	17th May '20	BSACIST
		Covid 19: Impact on Education, Technology, Environment & Mankind	Webinar	30.05.20	Andhra Loyola Institute, AP.
		Optimisation of Time	FDP	21st May '20	SIVET College
		Importance of Physiotherapy in Community	FDP	22nd May '20	SIVET College
		Personality & You	International level FDP		Reena Mehta College

		Contemporary Analytical Discourse of English Lit	International Seminar	27th May '20	St. Albert's College
		Tips to face NAAC Assessment and Accreditation	FDP	27.05.20-31.05.20	Idhaya College for Women
		ICT Enabled Teaching, Learning and Evaluation of English Language & Lit.	National Webinar	05.06.20	Noble College
		Contemporary Critical Theories	National Webinar	03.06.20	Mar Gregorios College
		Literary Responses to Pandemic Disasters:An Overview	Webinar	21.05.20	SRM, Ramapuram
		Essential Academic Skills for Teaching Fraternity	Webinar	22.05.20	SRM, Ramapuram

		How to Develop Interpretation Skills	Webinar	23.05.20	SRM, Ramapuram
8.	Ms.MuththamizhSelvi. S.I	1.Institutional Governance & Research Ethics	FDP	13.05.2020 to 19.05.2020	MannarThirumalai Naicker College, Madurai
		2.Indigenous Knowledge Systems and Modern Education	FDP	25.05.2020 to 29.05.2020	SreeAyyappa College for Women
		3.The Indian English Literary Canon: Perspectives, Texts and Readership	Webinar	17.05.2020	BSACIST
		4.Strategies for Low Budget Research	Webinar	20.05.2020	BSACIST

		5.Polish Your Academic Writing	Webinar	21.05.2020	BSACIST
		6.Key Concepts of Post-Colonialism	Webinar	21.05.2020	Kongu Arts and Science College, Erode
		7.Boost Yourself Exponentially	International Workshop Webinar	22.05.2020 &23.05.2020	Nehru Arts and Science College, Coimbatore
		8.A Comprehensive Roadmap to Pursue Academic Research	Webinar	29.05.2020	SRM Institute of Science &Technology, Chennai
		9.Subaltern Literature	Webinar	30.05.2020	Sri GVG vVsalakshi College for Women
		10.Beyond Academic Excellence - A Reality Show	FDP	25.05.2020 - 31.05.2020	NallamuthuGounder Mahalingam College



		11.Pandemic and Post - Pandemic Reflection	Webinar	15.05.2020 - 30.05.2020	Bharata mata College, Thrikkakara
		12.Changing Faces of English Teaching/ Learning in the Post Pandemic World	FDP	26.05.2020 - 28.05.2020	Kristu Jayanti College, Bengaluru
		13.Enhancing Language and Literature	Webinar	29.05.2020	Thiyagarajar College, Madurai
		14.Teaching Comprehensive Skills to Digital Native	Webinar	05.06.2020	VELS Institute of Science , Technology & Advanced Studies, Chennai
		15.Human Values and Visual Arts in Literature	International Webinar	30.06.2020	Periyar Govt. Arts College, Cuddalore

		16. Essential Future Skills for Post Covid	Webinar	05.06.2020	BSACIST
		17. Glimpses from History and Literature the Life, Rule and Death of Cleopatra	Webinar	13.06.2020	Providence College for Women, Coonoor
		18. Restaging the Rehearsal - A Glimpse into Drama	Webinar	05.06.2020-06.06.2020	Parvathy's Arts & Science College, Dindigul
		19. Contemporary Critical Theories	Webinar	03.06.2020	Mar Gregorios College of Arts & Science, Chennai
		20. Postcolonial Negotiations: History, Literature and Culture	International Webinar	03.06.2020 - 05.06.2020	SKB University, West Bengal
		22. Recent Trends in English Language Teaching	FDP	22.06.2020 - 26.06.2020	REVA University, Bengaluru

		23. Various Project Opportunities for DST Funding - Strategies on International Cooperation	Webinar	23.05.2020	BSACIST
		Importance of Digital Libraries in Research and Learning	Webinar - Training	21.05.2020	BSACIST
		Culture and Myth	Webinar	27.05.2020	Ayya Nadar Janaki Ammal College, Sivakasi
9.	Dr. N. Sheik Hameed	“Beyond Academic Excellence - A Reality Show”	7 days FDP	25.05.2020-31.05.2020	NallamuthuGounderMahalin gam College (Autonomous)
		Subaltern Literature	Webinar	30.05.2020	Sri GVG Visalakshi College for Women
		Enhancing Language and Literature	National Webinar	29.05.2020	Thiagaraiar College

		Catastrophic Effects Of Global Adversities And The Therapeutic Power Of Literature	International Webinar	20.05.2020	Emerald Heights College For Women
		"Skills & Opportunities Post Covid'19- Reflections"	National Webinar	18-22 May 2020	Sri Ramakrishna College of Arts and Science for Women
		'Safeguarding Savings in Pandemic Times'	Webinar	13th May 2020	Stella Maris College
		Scientific Writing for Journals	Workshop	15th May2020	Springer Nature
		Home FUN: Think big! Boost your learning!	Webinar	12th May 2020	Cambridge Assessment Cambridge University
		"Assessment and Evaluation in Outcome Based Education"	Webinar	11th May 2020	G.T.N. Arts College (Autonomous),
		Virtual Assessment Programme on	Webinar	13th May2020	Sri Chandrasekharendra Saraswathi Viswa

		Research Methodology			Mahavidyalaya
		Simultaneous Translation Platforms & Importance of Localisation in Oral Translation	International Webinar	8th May 2020	International Teacher Training College Turkey
		National Level Program on Workplace Etiquette Deployment	Webinar	8th May 2020	SSR College of Arts, Commerce & Science
		'EFL Teachers' Language Assessment Knowledge' (Farhady) & 'The Future of Englishes' (Crystal)	International Webinar	09th May 2020	International Teacher Training College Turkey
		Detective Fiction: An Overview	Webinar	26th June 2020	Sri Akilandeswari Women's College,
		"The Value of Values"	Webinar	8th June 2020	Vedanta College

		“Higher Education Scenario, Post Covid, Boons And Banes	Webinar	13th May2020	ASFASM and PWC.
		Preparing your student online for Speaking Papers in Cambridge English Qualifications	Webinar	28th April 2020	Cambridge Assessment Cambridge University
		Assessing Writing Online	Webinar	2nd June 2020	Cambridge Assessment Cambridge University
		Preparing your student online for Listening Papers in Cambridge English Qualifications	Webinar	7th May 2020	Cambridge Assessment Cambridge University
		Preparing your student online for Writing Papers in Cambridge English Qualifications	Webinar	5th May2020	Cambridge Assessment Cambridge University

		The Role of Literature in the time of Crisis Like Coronavirus Pandemic	2 days International Web Conference	10th and 11th June 2020	KisanShikshanPrasarak Mandal's, Shivaji MahavidyalayaUdgir
		English Language Learning from Home: Techno-Pedagogical Perspectives”	Webinar	29th June 2020	DKM College For Women (Autonomous)
		Literature, Diseases and Life”	National Webinar	19th July 2020	Mother Teresa Women's University,
		Orienting Towards Global Crisis: Language of Crisis	Five Day International Online Lecture Series:	8 to 12 June 2020	ELS Institute of Science Technology and Advanced Studies (VISTAS)
		Introduction to Fiction	Online Course	10th June 2020	Wisdom Educational Consultancy
		The Post Covid Era:	International	19th June 2020	G.Venkataswamy Naidu

		Towards Blended Approaches	Webinar		College
		Teaching Comprehension Skills to Digital Native	Webinar	05th June 2020	Vels Institute of Science
		Professional Development for teachers in the 'new normal' Q&A	Webinar	3rd June 2020	Macmillan Education
		Contemporary Critical Theories	Webinar	3rd June 2020	MAR Gregorios College of Arts and Science
		Spiritualism in Literature	National Webinar	17th June 2020	NabiraMahavidyalaya
		Green@NMC	Online Symposium	5th june 2020	NandkunvarbaMahila College
		Pedagogy Over Technology for Student Engagement	International Webinar	27th June 2020	Ed Talk



		Online Education does More Harm than Good	Webinar	7th June 2020	ELTAI
		Re- reading Keats Psychoanalytically	NAtionalWebinar	27th May 2020	St. Mary's College
		Counter Narratives: Literature from the Global South	2 days Webinar	8th and 9th June 2020	Prabhunath College
		Assessing Reading and Listening Online	Webinar	9th June 2020	Cambridge Assessment Cambridge University
		Teaching and Young Learners- Making the Most of the Situation	Webinar	17th April 2020	British Council
		Transformational Mindset- Innovating Minds for Success	Webinar	1st June 2002	Ramanujan College
		The Role of English in Acquiring Life Skills for Better Career Prospects	Webinar	29th May 2020	Sharda University

		Creative activities for Language Learners at Home	Webinar	6th May 2020	British Council
		Effective Usage of ICT Tools for Higher Education	International Webinar	3rd June 2020	Servite Arts and Science College
		Simple Teaching Ideas for Online Classes with Primary Children	Webinar	20th April 2020	British Council
		Online Lesson that are Active and Interactive	Webinar	12th May 2020	Macmillan Education
		Moving your School Online	Webinar	13th May 2020	Macmillan Education
		Teaching Young Learners Online Q&A	Webinar	20th May 2020	Macmillan Education
		Leadership talk With Mr Mahesh Babu CEO Mahindra Electric	Leadership Talk Series	May 2020	MHRD's Innovation Cell

		Mobility Ltd.			
		What is Behind the Motivation of Teens in Education?	Webinar	21st May 2020	National Geographic Learning
		New Avenues for Research	International Webinar	6th June 2020	Soka Ikeda College of Arts and Science for Women
		Tackling Covid19: Psychological Aspects	National Webinar	17th May 2020	Tamil Nadu Teachers Education University
		English Literature and Language Education- Embracing Change in Covid Time	Two days International Online Conference	19th and 20th June 2020	Christ College
		Professional Communication Skills	Course	8th May 2020	WordsMaya
		"The Indian English Literary Canon: Perspectives, Texts and	National Webinar	17th May 2020	BSACIST

		Readership"			
		"Literature as a Medium for Teaching Emotional Intelligence"	International Webinar	3rd June 2020	BSACIST
		Developing Vital Critical Thinking and Communication Skills through Visuals	International Webinar	10th June 2020	BSACIST
		"Polish your Academic Writing"	National Webinar	25th May 2020	BSACIST
10.	Ms.H.Asharafunisha	"The Indian English Literary Canon: Perspectives, Texts and Readership"	National Webinar	17th May 2020	BSACIST
		"Literature as a Medium for Teaching Emotional Intelligence	International Webinar	3rd June 2020	BSACIST

		Developing Vital Critical Thinking and Communication Skills through Visuals	International Webinar	10th June 2020	BSACIST
		“Polish your Academic Writing”	National Webinar	25th May 2020	BSACIST
11.	Dr. Syed Adil	Developing vital critical thinking and communication skill through visuals	International Webinar	10.06.2020	BSACIST
		Language and Testing assessment	FDP	27.02.2020	BSACIST
		Re-energising English Language Teaching	FDP	21.02.2020	BSACIST
		Literature as a medium for teaching emotional intelligence	International Webinar	03.06.2020	BSACIST

12.	Ms.G. Hussain Basha	Developing vital critical thinking and communication skill through visuals	International Webinar	10.06.2020	BSACIST
		Language and Testing assessment	FDP	27.02.2020	BSACIST
		Re-energising English Language Teaching	FDP	21.02.2020	BSACIST
		Literature as a medium for teaching emotional intelligence	International Webinar	03.06.2020	BSACIST
		“Polish your Academic Writing”	National Webinar	25th May 2020	BSACIST

9. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
1	-	2	4	-	2	2	3	14

10. Details Of Publication In National & International Journals & Conferences: (IEEE Format)

International Journal&National Journal

a) SCI/Scopus Indexed Journal

- Sumaiya Javeed, Dr.P.Rathna. “Self and Cultural Translation: A study of Islamic Feminism in Leila Aboulela’s The Translator” *InternationalJournal of Psychosocial Rehabilitation*, vol.24, Issue 06, pp.5748 - 5757, 2020.
- Sangeetha, Dr.P.Rathna, “Realignment of Identity:A Study of Socio-Cultural Ecofeminism in Rita Chowdhury;s Chinatown Days”, *InternationalJournal of Psychosocial Rehabilitation*, vol.24, Issue 03, 2020.
- Vijayakumar, “Integrative model of online Learning”. *An Intervention Research Journal of Xidian University* (2020) 14 (5)1003-30

Other journals

1. Vijayakumar.S., Harshini.P. , and Tamilarasan.P (2020) “Integrative Model for Online Learning: An Intervention Research” *Xidian Journal of Online learning*. Volume 14, Issue 5, 1003-1020

2. Vijayakumar.S, Tamilarasan.P, Harshini.P, "Effectiveness of 'Enriched Virtual Model' in Higher Education: A Mixed Methods Approach" IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269,
3. Vijayakumar.S. Tamilarasan., and Harshini.P. (2020) Blended Models for Open Learning in Higher Education: An Empirical Study Gedrag&Organisatie review. 20(2), 705-721.
4. Viswanathan, UmaMaheswari, A.Shahin Sultana and Suhasini Shankar. "Linguistic Resources to Facilitate Science Education ", Current Science, 118.02(2020 ) pp. 271-73.
5. Viswanathan, UmaMaheswari, A.Shahin Sultana and SuhasiniShankar.BipolarSynergies: The Role of Diachronic and Synchronic Study of words in Content Comprehension at Tertiary Level ", ESP Today, Vol.1,Issue1(2019)pp.86-107.

International Conference & National Conference:

a) Conference with ISBN Proceedings

1. Dr. Md. Sahidul Islam, "Depiction of the Existent India's Democracy, Secular politics, Disparities Related to Class, Caste, Gender and Community with Special Reference to Amartya Sen's essay "The Argumentative Indian," in the International Conference on *Impact of Languages, Literatures and Education on Intellectual Property Rights*, Sir C R Reddy College (Autonomous), Eluru, Andhra Pradesh, Feb. 2020, pp. 40-42. (Proceeding as an edited volume with ISBN)
2. Dr. Md. Sahidul Islam, "Depiction of Culture & Human Values in Literature with Special Reference to the Selected Short Stories of Rabindranath Tagore," in the International Conference on *Advances in Visual Communication, Library Science & Translation Studies in World Literature*, Andhra Loyola College. Vijayawada, Andhra Pradesh, Oct. 2019, pp. 32-34. (Proceeding as an edited volume with ISBN)



3. Dr.H.Sofia, Mobile Apps for Language Learning in the 12th National Conference on "Thinking beyond Stereotypes ; Problems & Prospects in English Language & Literature"(TELL 2019)on 18.10.2019 organized by the Department of English & Foreign Languages at SRM Institute of Science & Technology, Kattankulathur

11. Details of Impact Factor of the Publication and H-Index

A) Range B) Average C) H-Index D) No. In Scopus

Impact factor: 0.08

12. Details of Major Equipment Purchased (Financial year 2019-20)

S.No	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs	Working Status	
					Yes	No
1.	Desktop Computers	Lenovo,India	February 2020	8,80,764/-	Yes	-

13. Achievements of Staff

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Dr.Sahin sultana	Extra Mile Award for Continuous Excellence	Cambridge Assessment English,University of Cambridge ,London	2019.

#### 14. Any Other Information

Dr.A.Shahin Sultana

- Extra Mile Award for Continuous Excellence, Cambridge Assessment English ,2019, University of Cambridge, London

Ms. A. Catherine Anna Pushpam

- Completed a twenty-week course on “An Annual Refresher Programme in English Language Teaching” offered on SWAYAM portal in February 2020.
- Completed a four-week course on “Feminism and Social Justice” offered by University of California, Santa Cruz in the online platform Coursera in January 2020.
- Completed an online course on “Introduction to Soft Skills” offered by TCS ion from 10.04.2020 to 14.04.2020.

Dr.Vijay Kumar

- Chaired a session on Emerging Trends in English and foreign language teaching organized by VIT Chennai on 28th May 2020.
- Resource Person for a one-day National workshop on Research Writing organized by the department of English, A.M Jain College, Meenambakkam on 26.2.2020
- Resource person for a session on structuring a thesis at the two-day workshop on writing for research purpose on July -19 and 20, 2019

Mrs.N.Suguna

- Completed a twenty-week course on “An Annual Refresher Programme in English Language Teaching” offered on SWAYAM portal in February 2020.
- Speaker for a session in the webinar on Importance of Non Verbal Communication, on 25/07/2020 organized by NSHM Knowledge Campus, Durgapur, Kolkatta

Important note: High resolution photographs shall be attached in the relevant parameters/categories

Aptis Student Support Programme



## Language Testing and Assessment(FDP)



## Re-energizing English Language Teaching



## DEPARTMENT OF COMMERCE

### 1. Value Added Programmes Conducted

S.No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Tally	01.08.2019 to 31.10.2019	One and half hour per day	-	52	-	-

### 2. Training Programmes Offered:

S.No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	Mooc Court Session	27th September 2019	4 hours	Department of Law	60	Dr. Madhavi Karanam	-

2.	Budget Analysis	6 February 2020	2 hours	Management	60	Dr. Senbagavalli R and Dr. Madhavi Karanam	-
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### 3. Details of Field visits organized by the department

Sl. No	Participant Details				Name of faculty Organized the event	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1.	B.Com.(G)	V	A, B, C and D	152	Mr. Chandra Shekhar. S Dr. Syed Mohsin Dr. Mary Angelin Ms. Zeenat Fatima Mr. Khurram Khowaja Ms. Ifra Fathima I. ( Coordinator) Mr.Rajendra Prasad C.N. Saba Khan (Escort)	Lulu Mall and Kitex Company, Cochin	14.10.2019-17.10.2019	1. Students got an understanding on the management of a shopping mall 2.Created awareness among students on the practical aspects of managing a garment factory.	Yes

2	B.Com.(G) & (A&F)	III	A,B,C, D and E A and B	253	Dr. Nirmala.S.S (Coordinator) Dr. Kogila. N Dr. Mohsin Khan Dr. SrinivasanC. Dr.Vijayakumar N. Dr.A. Harikumar (Coordinator) Mr.Mohamed Haris.O	Doddabetta Tea Factory	17.10.2019- 18.10.2019	Students got an exposure on the different processes carried on in a tea factory right from input of raw materials till packing	Yes
3	BBA (FS)	III	A	33	Mr. Haris (Coordinator) Ms. Saba Khan (Escort)	Lulu Mall and Kitex Company, Cochin	20.10.2019- 21.10.2019	1. Students got an understanding on the management of a shopping mall 2.Created awareness among	Yes



								students on the practical aspects of managing a garment factory. Student made aware about the practical knowledge of the management of a garment company	
4	BBA (FS)	VI	A	60	Dr. Shenbagavalli R and Dr. Madhavi Karanam	Out Bound Training Location: Yearcaud Tamilnadu	22.08.2019- 23.08.2019	By the end of the session the students could develop an understanding towards: 1.Application of	Yes

								<p>strategic management under given circumstances</p> <p>2.The role of a leader and team members in successful completion of the task.</p> <p>3.The importance of team management, communication , time management and creativity in success of a team.</p> <p>4.Conflict is</p>	
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								unavoidable under all given circumstances and how to handle it for the benefit of the team and performance.	
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Out Bound Training, Location: Yearcaud Tamilnadu

#### 4. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Motivational Talk on How to become Chartered Accountant through ACCA	Workshop	04.09.2019	ISDC	Ms. Jacob Theresa	3	66	-	-
2	Two days FDP on "Teaching Skills Development in Accounting and Management"	FDP	02.10.2019 - 03.10.2019	ISDC	Mr. Ravishankar K	21	-	-	-
3	Two days Lab Centric Workshop on Python for	FDP/Workshop	27.01.2020 - 28.01.2020	-	Dr. Afzalur Rahman	2	8	-	1

	Financial Analysis								
4	Special lecture on Financial Reporting and Analysis	Seminar	04.05.2020 - 05.03.2020	ISDC	Prof. Shyam Prasad	-	90	-	-
5	Lecture on Accounting and Digital Finance	Seminar	09.03.2020 - 10.03.2020	ISDC	Prof. John Nevin	-	90	-	-
6	Two days FDP on Finance and Taxation	FDP	04-03.2020 & 10.03.2020	ISDC	Prof. Shyam Prasad and Prof. John Nevin	20	-	-	-
7	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 May 2020 & 05-06May 2020	-	Dr. Anjana Mothi and Dr. R. Vikrant	19	-	-	-
8	E2 Project & Relationship Management	FDP	02-06 June 2020	-	Dr. Anjana Mothi, Dr. Afzalur	12	-	-	-

					Rahman				
9	IMA's Certification for Accountants and Financial Professionals in Business	Webinar	02.06.2020	-	Mr. Fenil Vedakkan	-	70	-	-
10	Human Capital Challenges & Opportunities	Webinar	05.06.2020	-	Mr. Dhananjay Singh,	-	54	-	-
11	Awareness on COVID-19	Webinar	18.06.2020	-	Mr. Mohamed Haris	19	-	-	-
12	How to attend college placements and How to Take Advantage of ongoing COVID Situation	Webinar	18.06.2020	-	Mr. Nimesh Khandelwal	6	57	-	-
13	The Overview of the Indian Capital Markets and	Webinar	07.07.2020 to 10.07.2020	-	Mr. Amit Salaskar	-	112	-	-

	Indian Economy								
14	Managing Business – Globalization a blessed or the cured	Webinar	28.07.2020	-	Ms Jeonaoh Joseph	-	89	-	-

#### 5. Conferences / FDP / Seminars / Workshops Attended

S.No	Name of the faculty	Name of the programme	Type of Programme	Duration	Organizing Agency
1.	Dr. Afzalur Rahman	Two days FDP on "Teaching Skills Development in Accounting and Management"	FDP	2-3 Oct2020	Dept. of Commerce, BSACIST, Chennai
2.	Dr. Afzalur Rahman	Essential Future Skills for Post Covid	Webinar	05.06.2020	SSSH, BSACIST, Chennai
3.	Dr. Afzalur Rahman	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
4.	Dr. Afzalur Rahman	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai



5.	Dr. Afzalur Rahman	Two days Lab Centric Workshop on Python for Financial Analysis	FDP/Workshop	27-28 Jan 2020	Dept. of Commerce, BSACIST, Chennai
6.	Dr. Afzalur Rahman	Two days FDP on Finance and Taxation	FDP	4 & 10 March 2020	Dept. of Commerce, BSACIST, Chennai
7.	Dr. Afzalur Rahman	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
8.	Dr. Nirmala S S	Six days training on Academic Leadership	FDP	2019	Centre for Leadership, Chennai
9.	Dr. Nirmala S S	Two days' workshop on Digital Marketing for career growth.	Workshop	2019	BSACIST, Chennai.
10.	Dr. Nirmala S S	One day Oratory & Debate Skill development programme	Workshop	2019	BSACIST, Chennai
11.	Dr. Nirmala S S	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
12.	Dr. Nirmala S S	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
13.	Dr. Nirmala S S	E2 Project & Relationship Management	FDP	2- 6 June 2020	Dept. of Commerce, BSACIST, Chennai

14.	Dr. Nirmala S S	Two days FDP on "Teaching Skills Development in Accounting and Management"	FDP	2-3 Oct2020	Dept. of Commerce, BSACIST, Chennai
15.	Dr. Nirmala S S	Essential Future Skills for Post Covid	Webinar	5 June 2020	School Of SSH, BSACIST, Chennai
16.	Dr. Nirmala S S	International Webinar on Role of Supply Chain Management During Covid-19 Pandemic Condition	Webinar	6 June 2020	The Quaide Milleth College For Men, Chennai
17.	Dr. Nirmala S S	Webinar on Digital Marketing	Webinar	15 May 2020	Kovai Kalaimagal College Of Arts And Science, Coimbatore
18.	Dr. Nirmala S S	Webinar on How to attend College Placements and How to take advantages of ongoing Covid situation	Webinar	19 June 2020	Dept. of Commerce, BSACIST, Chennai
19.	Dr. Nirmala S S	<i>National Webinar on "Impact of COVID-19 on Global Economy"</i>	Webinar	May 15 2020	Inspira Research Association (Ira), Jaipur
20.	Dr. Nirmala S S	Webinar on Silver Line Behind the dark Clouds - Explore Opportunities during COVID 19	Webinar	May 21 2020	Bharath Institute for Higher Education and Research, Chennai

		Pandemic			
21.	Dr. Nirmala S S	National webinar on issues and challenges faced by consumers during Covid	Webinar	May 2020	Sacred Heart College, Tirupathur
22.	Dr. Kogila.N	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
23.	Dr. Kogila.N	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
24.	Dr. Kogila.N	E2 Project & Relationship Management	FDP	2- 6 June 2020	Dept. of Commerce, BSACIST, Chennai
25.	Dr. Kogila.N	Two days FDP on "Teaching Skills Development in Accounting and Management"	FDP	2-3 Oct2020	Dept. of Commerce, BSACIST, Chennai
26.	Dr. Kogila.N	Essential Future Skills for Post Covid	Webinar	June 5 2020	School Of SSH, BSACIST, Chennai
27.	Dr. Kogila.N	International Webinar on Role of Supply Chain Management During Covid-19 Pandemic Condition	Webinar	June 6 2020	The Quaide Milleth College For Men, Chennai

28.	Dr. Kogila.N	Webinar on Digital Marketing	Webinar	May 15 2020	Kovai Kalaimagal College of Arts and Science, Coimbatore
29.	Dr. Kogila.N	Webinar on How to attend College Placements and How to take advantages of ongoing Covid situation	Webinar	June 19 2020	Dept. of Commerce, BSACIST, Chennai
30.	Dr. Kogila.N	<i>National Webinar on "Impact of COVID-19 on Global Economy"</i>	Webinar	May 15 2020	Inspira Research Association (Ira), Jaipur
31.	Dr. Kogila.N	Webinar on Silver Line Behind the dark Clouds - Explore Opportunities during COVID 19 Pandemic	Webinar	May 21 2020	Bharath Institute for Higher Education and Research, Chennai
32.	Dr. Kogila.N	National webinar on issues and challenges faced by consumers during Covid	Webinar	May 2020	Sacred Heart College, Tirupathur
33.	Dr. Kogila.N	Virtual submit - I paradigm shift in consumer behavior	Webinar	July 7-9th 2020	Stella Maris College, Chennai
34.	Mr. B. Ziavuddeen	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
35.	Mr. B.	Virtual submit - I paradigm shift	Webinar	July 7-9th 2020	Stella Maris College,

	Ziavuddeen	in consumer behavior			Chennai
36.	Mr. B. Ziavuddeen	Intellectual property Rights	Webinar	1st May 2020	HR & FTA Department, BSACIST Chennai
37.	Mr. B. Ziavuddeen	Research ethics	Webinar	7th May 2020	FTA Department, Dean Research, BSACIST Chennai
38.	Mr. B. Ziavuddeen	Lockdown mental health and challenges	Webinar	6th July 2020	DG Vaishnav College, Chennai
39.	Mr. B. Ziavuddeen	Virtual Reality in the world of business education	Webinar	27th June 2020	St. Joseph College, Chennai.
40.	Mr. B. Ziavuddeen	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
41.	Mr. B. Ziavuddeen	Two Weeks FDP on Application of Moodle LMS	FDP	11th July-25th July 2020	Dept. Of Management Studies, BSA
42.	Mr. B. Ziavuddeen	Reenergizing English Language Teaching	FDP	21.02.2020.	Department of English, BSACIST, Chennai
43.	Mr. B. Ziavuddeen	Language Testing and Assessment	FDP	27.02 2020	Department of English, BSACIST, Chennai
44.	Dr. Syed Noorul	Two days FDP on "Teaching	FDP	2-3Oct 2020	Dept. Of Commerce

	Shajar	Skills Development in Accounting and Management”			
45.	Dr. Syed Noorul Shajar	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
46.	Dr. Syed Noorul Shajar	Two Week FDP on Application of Moodle LMS	FDP	11 June to 25th June	Dept. Of Management Studies, BSACIST
47.	Dr. Syed Noorul Shajar	One Week FDP on	FDP	11th to 15th May	Dept. of Commerce, Tezpur University, Assam
48.	Dr. Syed Noorul Shajar	FDP on Research Methodology: Tools & Techniques	FDP	18th to 22nd May 2020	IILM College of Engineering & Technology
49.	Dr. Syed Noorul Shajar	FDP on Online Teaching	FDP	03rd- 4th June 2020	IIDE, Maharashtra
50.	Dr. C. Srinivasan	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
51.	Dr. C. Srinivasan	Three days FDP on "Qualitative Research: Perspectives and Practices	FDP	15-17 May 2020	Jaipuria School of Business, Ghaziabad
52.	Dr. C. Srinivasan	Two days FDP on "Online	FDP	3-4 June, 2020	IIDE

		Teaching & E content"			
53.	Dr. C. Srinivasan	7 days International online FDP on "ICT Tools for effective Online Teaching & Learning"	FDP	29 June to 5 July - 2020	Govt.First Grade College, Ranebennur, Karnataka
54.	Dr. Sibghathullah Nasir	ICT based Teaching and Learning Process	FDP	1-5 June 2020	Hindustan College of Arts And Science, Coimbatore
55.	Dr. Sibghathullah Nasir	Business Case Development	FDP	8-13 June 2020	Lloyd Business School, Noida
56.	Dr. Sibghathullah Nasir	Contemporary Issues, Assessment, Collaboration, Research and Publication	FDP	15-21 June 2020	Maju Rampur, Up
57.	Dr. Sibghathullah Nasir	Application of Moodle LMS	FDP	11-26 June 2020	Dept. Of MS, BSACIST, Chennai& Dept. Of MS, JMI, Delhi
58.	Dr. Sibghathullah Nasir	Covid19 Lock down: Challenges and Solutions of Online Teaching- Learning Methods	Webinar	06.06.2020	Dept of CE, BSACIST, Chennai
59.	Dr. Sibghathullah Nasir	Essential Future Skills for Post Covid	Webinar	05.06.2020	SSSH, BSACIST, Chennai

60.	Dr. Sibghathullah Nasir	Impact of Covid-19 Pandemic on Indian Economy	Webinar	07.06.2020	Dzuc, Sivagangai, Tn
61.	Dr. Sibghathullah Nasir	Writing Articles For Indexed Journals In Social Sciences: Strategy and Styles	Webinar	25.06.2020	VELSIST, Chennai
62.	Dr. Sibghathullah Nasir	Research & Funding - The Basics and Approach to be Successful	Webinar	20.06.2020	Dr. MGR University, Chennai
63.	Dr. Sibghathullah Nasir	Therapeutic approaches for targeting Covid-19: Current scenario and future developments	Webinar	15.06.2020	Maju Rampur, Up & Aipr, Lucknow
64.	Dr. Sibghathullah Nasir	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
65.	Dr. Sibghathullah Nasir	Two days FDP on Finance and Taxation	FDP	4 & 10 March 2020	Dept. of Commerce, BSACIST, Chennai
66.	Dr. Sibghathullah Nasir	Entrepreneurship in E-Commerce	Webinar	28.06.2020	Dept. Of CA, BSACIST, Chennai
67.	Dr. Indumathi	Three days, Introduction of Big Data Analytics.	FDP	2019	ICT Academy, BSAU, Chennai
68.	Dr. Krupa B Nair	Three days, Introduction of Big	FDP	2019	ICT Academy, BSAU,



		Data Analytics,			Chennai
69.	Dr. Krupa B Nair	One day, Author workshop by Springer nature,	Workshop	2019	BSAU, Chennai.
70.	Dr. Ifra fathima	Three days workshop on Introduction of Big Data Analytics.	FDP	2019	ICT Academy, BSAU, Chennai
71.	Dr. Vijay Kumar	One day Author workshop by Springer nature,	Workshop	2019	BSAU, Chennai.
72.	Dr. Indumathi	Five Days Online National Faculty Development Programme "ICT based Teaching and Learning Process"	FDP	1-5 June, 2020	Hindustan College of Arts and Science, Coimbatore
73.	Dr. Indumathi	FDP on "Business Case Development" organized	FDP	8-13 June, 2020	Lloyd Business School, Noida
74.	Dr. Indumathi	International Faculty Development Programme on "Contemporary Issues, Assessment, Collaboration, Research and Publication"	FDP	15 - 21 June 2020.	MAJU, Rampur And Swami Shukdevanand PG College, Shahjahanpur (UP) India

75.	Dr. Indumathi	Two weeks Live on-line FDP in "Application of Moodle LMS"	FDP	11-26 June, 2020.	Department of Management Studies, BSACIST, Chennai And Department of Management Studies, JMI, Delhi,
76.	Dr.Indumathi N	National Conference on Emerging Trends in Commerce and Management, SRM Institution of Science & Technology	National Conference	13th December 2019	SRM Institution of Science &Technology
77.	Dr.Indumathi N	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
78.	Dr.Indumathi N	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
79.	Dr.Indumathi N	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
80.	Dr.Indumathi N	Developing Soft Skills and Personality	FDP	Aug-Oct 2019	NPTEL Online Certification
81.	Dr.Indumathi N	Marketing Research and Analysis II	FDP	Jan -Apr 2020	NPTEL Online Certification

82.	Dr.Indumathi N	ARPIT Course for Career Advancement Scheme(CAS)	FDP	16.02.2020	Shri Ram College of Commerce, University of Delhi
83.	Dr.Indumathi N	Communication Skills for Professionals	FDP	13 -17 Apr 2020	AVS College of Arts and Science, Chennai
84.	Ms. T. Porkodi	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
85.	Ms. T. Porkodi	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
86.	Ms. T. Porkodi	Two days FDP on "Teaching Skills Development in Accounting and Management"	FDP	2-3 Oct 2020	Dept. of Commerce, BSACIST, Chennai
87.	Ms. T. Porkodi	Virtual submit - I paradigm shift in consumer behavior	Webinar	July 7-9 th 2020	Stella Maris College, Chennai
88.	Ms. T. Porkodi	Webinar on Essential Future Skills for Future Covid	Webinar	June 5 2020	School of SSH, BSACIST, Chennai
89.	Ms. T. Porkodi	Webinar on Digital Marketing	Webinar	May 15 2020	Kovai Kalaimagal College of Arts and Science, Coimbatore
90.	Ms. T. Porkodi	Webinar on How to attend College Placements and How	Webinar	June 19 2020	Dept. of Commerce, BSACIST, Chennai

		to take advantages of ongoing covid situation			
91.	Ms. T. Porkodi	National Webinar on "Impact of COVID-19 on Global Economy"	Webinar	May 15 2020	Inspira Research Association (Ira), Jaipur
92.	Ms. T. Porkodi	Webinar on Silver Line Behind the dark Clouds - Explore Opportunities during COVID 19 Pandemic	Webinar	May 21 2020	Biher , Chennai
93.	Ms. T. Porkodi	National webinar on issues and challenges faced by consumers during Covid	Webinar	18.06.2020	Sacred Heart College, Tirupathur
94.	Dr. Krupa B. Nair	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
95.	Dr. Krupa B. Nair	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
96.	Dr. Krupa B. Nair	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
97.	Dr. Krupa B. Nair	ARPIT Course for Career Advancement Scheme(CAS)	FDP	16.02.2020	Shri Ram College of Commerce, University of

					Delhi-
98.	Dr. Krupa B. Nair	Communication skills for professional	FDP	13.4.2020 to 17.4.2020	AVS College Salem
99.	Dr. Krupa B. Nair	HR analytics	FDP	Aug 26th to 31 2019	Don Bosco Institute of Technology, Bangalore
100.	Dr. Krupa B. Nair	OBE	FDP	May 25th to 29 2020	IILM
101.	Dr. Krupa B. Nair	Body language-key to professional success	FDP	July-Aug 2019	NPTEL
102.	Dr.Zeenat Fatima	Application of Moodle LMS	FDP	11-18, July 2020	D/O Management Studies, BSACIST, Chennai.
103.	Dr.Zeenat Fatima	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
104.	Dr.Zeenat Fatima	Accounting & Taxation Pedagogy	FDP	4-10 March2020	Dept. of Commerce, BSACIST, Chennai
105.	Dr.Zeenat Fatima	Two days Lab Centric Workshop on Python for Financial Analysis	Workshop	27-28 Jan 2020	Dept. of Commerce, BSACIST, Chennai
106.	Dr.N.Vijaya Kumar	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai

107.	Dr.Khurram Khowaja	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
108.	Dr.Khurram Khowaja	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
109.	Mr.Asan Bawa	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
110.	Mr.Asan Bawa	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
111.	Mr.Asan Bawa	Two days FDP on "Teaching Skills Development in Accounting and Management"	FDP	2-3 Oct 2020	Dept. of Commerce, BSACIST, Chennai
112.	Mr.Asan Bawa	Innovative Teaching and Learning: Tools and Techniques	Workshop	11th October2019	University of Madras & Women's Christian College
113.	Mr.Asan Bawa	Re-energizing English Language Teaching	FDP	21st February 2020	BSACIST, Chennai

114.	Mr.Asan Bawa	Research Writing	Workshop	26th February 2020	Agurchand Manmull Jain College
115.	Mr.Asan Bawa	Language Testing & Assessment	FDP	27th February 2020	BSACIST, Chennai
116.	Mr.Asan Bawa	Data Analytics & Digital Marketing	Workshop	5th March 2020	BSACIST, Chennai
117.	Mr.Asan Bawa	Pertinent Strategies & Technologies in Business Environment for Post COVID- 19	Webinar	15th May 2020	Central University of Jharkhand
118.	Mr.Asan Bawa	How Venture Capital's Work - The Middle-East Experience	Webinar	13th June 2020	Crescent Innovation & Incubation Council
119.	Mr.Asan Bawa	Block Chain A Future Changing Technology in Banks	Webinar	13th June 2020	Alpha Arts & Science College
120.	Mr.Asan Bawa	Importance of Precise Measurements in Science&Technology and Advances in Material Science	Webinar	15th June 2020	B.S. Abdur Rahman Crescent Institute of Science and Technology
121.	Mr.Asan Bawa	Yoga at home & yoga with family	Webinar	15 - 21th June 2020	Dr. M.G.R. Educational And Research Institute

122.	Mr.Asan Bawa	Epitome of Tax Saving Tips	Webinar	16th June 2020	S.I.V.E.T.College
123.	Mr.Asan Bawa	Leadership Excellence	Webinar	17 - 23rd June 2020	Justice Basheer Ahmed Sayeed College for Women
124.	Mr.Asan Bawa	Tax Planning & Investments	Webinar	17th June 2020	IQAC & Hindustan College of Arts & Science
125.	Mr.Asan Bawa	Github - Why learning it is important to get a job	Webinar	17th June 2020	BSACIST, Chennai
126.	Mr.Asan Bawa	How to attend college placements & How to take advantage on ongoing COVID Situation	Webinar	19th June 2020	BSACIST, Chennai
127.	Mr.Asan Bawa	MBA Yourself	Webinar	20th June 2020	Anand Institute of Higher Technology
128.	Mr.Asan Bawa	One Day National Level Online Yoga Workshop	Workshop	21st June 2020	Darshan College & Seshadripuram Academy of Business Studies
129.	Mr.Asan Bawa	Amass Wellness Through Yoga	Webinar	22nd June 2020	Sri Parasakthi College for Women



130.	Mr.Asan Bawa	Com Connections	Webinar	22 - 25th June 2020	Annai Veilankanni's College for Women
131.	Mr.Asan Bawa	ஆசுதிரேலியத்தமிழரும்த மிழும்	Webinar	22 - 26th June 2020	உலகத்தமிழ்ச்சங்கம், மதுரை தமிழ்வளர்ச்சிமன்றம், சிட்னி
132.	Mr.Asan Bawa	Latest Developments &Application of Graph Theory	Webinar	23nd June 2020	KPR Institute of Engineering & Technology
133.	Mr.Asan Bawa	Yoga Your Beacon of Inner Peace	Webinar	24th June 2020	Sri Malolan College of Arts & Science
134.	Mr.Asan Bawa	Quarantine Literature	Webinar	25th June 2020	A.P.C. Mahalaxmi College for Women
135.	Mr.Asan Bawa	Active Listening Skills	Webinar	25th June 2020	Sri Krishnasamy Arts & Science College
136.	Mr.Asan Bawa	Virtual Reality in the World of Business Education	Webinar	27th June 2020	St. Joseph's College (Arts & Science)
137.	Mr.Asan Bawa	Introduction to E-learning and it's challenges	Webinar	28th June 2020	Patrician College of Arts and Science

138.	Ms.Ifra Fathima	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
139.	Ms.Ifra Fathima	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
140.	Ms.Ifra Fathima	Seven Days Faculty Development Programme on "Leadership Excellence"	FDP	17-23 June 2020	The Department of Corporate Secretaryship and Information Systems Management, Justice Basheer Ahmed Sayeed College for Women
141.	Ms.Ifra Fathima	Three days FDP on "Qualitative Research: Prospective and Practice"	FDP	15-17 May 2020	Jaipur School of Business, Ghaziabad
142.	Ms.Ifra Fathima	" Resilient Business Strategies: Preparing for A Pandemic World	FDP	14- 16 May 2020	Shri Ramakrishna College of Arts and Science, Coimbatore
143.	Ms.Ifra Fathima	Faculty Development program on HTML - Spoken Tutorial IIT Bombay	FDP	20-24 April 2020	Dean Academic Affairs, B.S. Abdur Rahman Crescent Institute of Science and Technology in

					Association With Spoken Tutorial, IIT Bombay
144.	Ms.Ifra Fathima	FDP on PHP and MYSQL - Spoken tutorial with IIT Bombay	FDP	27th April 2020 - 1st May 2020	KMG College of Arts and Science
145.	Ms.Ifra Fathima	“Five-Day Faculty Development Program – Webinar Series”	FDP	9th -13th May 2020	School of Management Studies, Sathyabama Institute of Science and Technology
146.	Ms.Ifra Fathima	"Research Methodology: Tools & Techniques"	FDP	18th - 20th May 2020	IILM College of Engineering & Technology
147.	Ms.Ifra Fathima	2-Days Faculty Development Program on Online Teaching & E-content	FDP	3rd and 4th June 2020	IIDE
148.	Ms.Ifra Fathima	“How to Publish our Research in Top Tier Journals”	FDP	30th April 2020	Dr. MGR Educational and Research Institute
149.	Ms.Ifra Fathima	FDP on Trading in Equity	FDP	1st & 2nd July 2020	NISM
150.	Ms.Ifra Fathima	Three Days FDP on Introduction to Big Data Analytics	FDP	7th - 9th August 2019	ICT Academy, BSACIST, Chennai

151.	Ms.Ifra Fathima	Refresher Course in Commerce	SWAYAM ARPIT-FDP	16 Weeks starts from Sept 1st 2019	Sri Ram Shri Ram College of Commerce, University of Delhi
152.	Ms.Ifra Fathima	Marketing Research and Analysis - II	AICTE-NPTEL FDP	12 Weeks Starts from Jan 27th 2020	IIT Roorkee
153.	Ms.Ifra Fathima	Two days Lab Centric Workshop on Python for Financial Analysis	Workshop	27-28 Jan 2020	Dept. of Commerce, BSACIST, Chennai
154.	Ms.Ifra Fathima	How to Write a Research Paper	Workshop	20th & 21st June 2020	BSACIST
155.	Ms.Ifra Fathima	Innovation and Challenges in Global Business	International Conference	3rd March 2020	Department of Commerce, The New College
156.	Ms.Ifra Fathima	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
157.	Ms.Ifra Fathima	Beginner's guide to Google Sheets	Webinar	22.07.2020	IIDE
158.	Ms.Ifra Fathima	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
159.	Dr. A. Harikumar	Five days FDP on Innovative	FDP	28-30 April &	Dept. of Commerce,

		Techniques of Teaching Methods		05-06, May 2020	BSACIST, Chennai
160.	Dr. A. Harikumar	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
161.	Dr. A. Harikumar	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
162.	Dr. A. Harikumar	Basic Author workshop Article writing & Reference Management using Mendley	Webinar	22nd June 2020	Faculty of Science, Annamalai University
163.	Dr. A. Harikumar	Shaping Media and Marketing - Post COVID "19"	Webinar	26th June 2020	Xavier Institute of Business Administration
164.	Dr. A. Harikumar	Six thinking Hats- Decision Making Skills during the lockdown period COVID-19	Webinar	1st July 2020	Puducherry Academic Researchers Association
165.	Dr. A. Harikumar	Impact of COVID -19 on tourism industry in India	Webinar	29th June 2020	Govt. Nehru PG College, Dongragarh
166.	Dr. A. Harikumar	Indian Higher Education	Webinar	28th June 2020	Indian Intellectuals Forum
167.	Dr. A. Harikumar	Be an Entrepreneur- Tap the opportunities created by COVID - 19	Webinar	25th May 2020	Francis Xavier Engineering College

168.	Dr. A. Harikumar	Digitalization of building business continuity & resilience during & after COVID -19	Webinar	27th May 2020	Nirma University, Ahmedabad
169.	Dr. A. Harikumar	Impact Factor, H Index and Google Scholar	Webinar	16th May 2020	Ethiraj College for Women, Chennai
170.	Dr. A. Harikumar	Trends in Commerce Study through Online Learning	Webinar	18th May 2020	GTN Arts College, Dindigul, Tamil Nadu
171.	Dr. A. Harikumar	Stress Management - New Direction, New Hope	Webinar	23rd May 2020	MGR Educational & Research Institute, Chennai
172.	Dr. A. Harikumar	Recent Trends in Artificial Intelligence & Impact on Teaching Professional	FDP	22nd to 24th April 2020	Rathinavel Subramaniam College of Arts & Science
173.	Dr. A. Harikumar	Examination in Wake up COVID - 19	FDP	8th May 2020	Patrician College of Arts & Science
174.	Dr. A. Harikumar	ICT Tools for Effective Teaching & Learning Process	FDP	22nd & 23rd June 2020	Madurai Kamaraj University
175.	Dr. A. Harikumar	Online Teaching & E-Content	FDP	3rd & 4th June 2020	Indian Institute of Digital Education
176.	Dr. A. Harikumar	Principles of Management	FDP	18th to 22nd May 2020	Panimalar Institute of Technology

177.	Dr. A. Harikumar	Teaching Pedagogy after COVID-19	FDP	15th May 2020	Bharath Institute of Higher Education & Research
178.	Ms.A.Fathima	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
179.	Ms.A.Fathima	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
180.	Dr.Mohammed Thaha M	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
181.	Dr.Mohammed Thaha M	AICTE sponsored International Conference "An Empirical Research on Impact of Employees Engagement in Ashok Leyland Company Limited, Chennai"	International Conference	20-21 Sep 2019	Department of Management Studies, Saveetha Engineering College
182.	Dr.Mohammed Thaha M	Advancing through Adversity	Webinar	14.04.2020	HR & FTA, BSACIST, Chennai
183.	Dr.Mohammed Thaha M	Entrepreneurship & Govt grant schemes for Start-ups	Webinar	19.04.2020	HR & FTA, BSACIST, Chennai
184.	Dr.Mohammed Thaha M	How to write papers, proposals for Research, Projects, patents and consultancy	Webinar	21.04.2020	HR & FTA, BSACIST, Chennai

185.	Dr.Mohammed Thaha M	Communication for teachers	Webinar	26.04.2020	HR & FTA,BSACIST, Chennai
186.	Dr.Mohammed Thaha M	Intellectual Property Rights	Webinar	30.04.2020	HR & FTA,BSACIST, Chennai
187.	Dr.Mohammed Thaha M	Research ethics	Webinar	07.05.2020	HR & FTA,BSACIST, Chennai
188.	Dr.Mohammed Thaha M	Online Learning: Design, Development & Delivery of Online content	Webinar	04.07.2020	HR & FTA,BSACIST, Chennai
189.	Dr.Mohammed Thaha M	E2 Project & Relationship Management	Webinar	23.04.2020	CIIC,BSACIST, Chennai
190.	Dr.Mohammed Thaha M	Two days FDP on "Teaching Skills Development in Accounting and Management"	Webinar	02.05.2020	CIIC,BSACIST, Chennai
191.	Dr.Mohammed Thaha M	AICTE sponsored International Conference "An Empirical Research on Impact of Employees Engagement in Ashok Leyland Company Limited, Chennai"	Webinar	20.05.2020	JNN Institute of Engineering,Chennai
192.	Dr.Mohammed	Advancing through Adversity	Webinar	29.05.20.20	JNN Institute Of



	Thaha M				Engineering, Chennai
193.	Dr.Mohammed Thaha M	Entrepreneurship & Govt grant schemes for Start-ups	FDP	11-25 July2020	BSACIST, Chennai
194.	Mr.O.Mohamed Haris	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
195.	Mr.O.Mohamed Haris	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
196.	Mr.O.Mohamed Haris	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
197.	Mr. S. Rajini	Five days FDP on Innovative Techniques of Teaching Methods.	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
198.	Mr. S. Rajini	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce, BSACIST, Chennai
199.	Mr. S. Rajini	How to Use Turnitin Software for your Research "Turnitin Online on Campus"	Webinar	May 04, 2020	Guru Nanak Institute of Management Studies
200.	Mr. S. Rajini	COVID-19 Awareness	E-Quiz	April, 2020	St. Joseph's College, Dept.Of Zoology, Kerala

201.	Mr. S. Rajini	Entrepreneurial Development	E-Quiz	27 May to 30 June,2020	Jamal Mohamed College (Autonomous), Trichy
202.	Mr. S. Rajini	Management Accounting-Ratio Analysis	Online Course	28 May,2020	Tirupur Kumaran College for Women
203.	Mr. S. Rajini	“Various Project Opportunities for DST Funding – Strategies on International Cooperation”	Webinar	23 May,2020	Office of Research, ESPAC & HR, FTA, BSACIST
204.	Mr. S. Rajini	Epitome of Tax Saving Tips	E-FDP	16 June,2020	Dept. of Commerce, S.I.V.E.T.College, Chennai
205.	Mr. S. Rajini	Two Week Live FDP on "Application of Moodle LMS"	Webinar	11 to 25 July,2020	Intellect Infinity, Pune
206.	Ms. R. Agatha	"The Emerging Need for Improved Power Quality" - ABB	Webinar	June 6, 2020	ABB
207.	Ms. R. Agatha	"Grid Integration of Renewable Energy Challenges and opportunities"	Webinar	June 9, 2020	RVS Engineering College in Collaboration With IEEE
208.	Dr.R.Mary Angelin	Five days FDP on Innovative Techniques of Teaching Methods	FDP	28-30 April & 05-06, May 2020	Dept. of Commerce, BSACIST, Chennai
209.	Dr.R.Mary	Awareness on COVID-19	Webinar	18.06.2020	Dept. of Commerce,

	Angelin				BSACIST, Chennai
210.	Dr. R.Mary Angelin	E2 Project & Relationship Management	FDP	2,4 & 6 June 2020	Dept. of Commerce, BSACIST, Chennai
211.	Dr.R.Mary Angelin	Elsevier tools.	Webinar	April 2020	Dept Of Commerce, UNOM
212.	Dr.R.Mary Angelin	Five days FDP on Innovative Techniques of Teaching Methods.	FDP	May 2020	Dept Of Commerce Sathyabama Inst Of Science and Tech
213.	Dr.R.Mary Angelin	Innovation	Webinar	May 2020	SIES College
214.	Dr.R.Mary Angelin	UGC Fund Project Proposal	Webinar	May 2020	Patrician College
215.	Dr.R.Mary Angelin	Indian Business	Webinar	May 2020	SDNB Vaishnava College
216.	Dr.R.Mary Angelin	Research methodology	Webinar	June 2020	Loyola College
217.	Ms. Saba Khan	Overview of Research Methodology.	Webinar	15.06.2020	Annai Vailankanni Arts and Science College,Thanjavur
218.	Ms. Saba Khan	Research Methodology	Quiz	June 2020	Vels Institute of Science and Technology

Papers Published/ Presented In Journals & Conferences(Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
with ISBN	Others	with ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-		-	6	6	19	3	34

Details of Publication in National & International Journals & Conferences: (IEEE Format)

B. International Journal&National Journal

f) SCI/Scopus Indexed Journal :

g) Other journals :

International Journal: (UGC Listed)

[1] Rahman, A., & Dawood, A. K. (2019). Bitcoin and Future of Cryptocurrency. *Ushus-Journal of Business Management*, 18(1), 61-66.

[2] Porkodi, T., Nirmala, S.S., & Kogila, N. (2019). A study on CSR on bio waste management in hospitals (in rural area): with reference to the neighborhood of the hospitals in Pondicherry. *SELP journal of Social Science*, 57-61.

- [3] Farzana, S., Sameena, S., & Nasir, S. (2019). The impact of training on the level of job satisfaction in information technology firms in Chennai: An employee's perspective. *International journal of research and analytical review*, 6(2), 600-602.
- [4] Nasir, S.& Farzana. S(2019). Impact of microfinance on employment generation: a case of Aligarh. *International journal of research and analytical reviews*, 6(2), 486-495.
- [5] Farzana, S., Sameena, S. & Saroja, R.T. (2019). Impact of digitalization on service quality and customer satisfaction in MNC banks in Chennai: A customer perspective. *International journal of research and analytical review*, 6(2), 664-667.
- [6] Farzana, S., Sameena. S., & Nasir. S (2019). The impact of training on the level of job satisfaction in information technology firms in Chennai: An employee's perspective. *International journal of research and analytical review*, 6(2),600-602.
- [7] Nasir, S.,& Farzana, S. (2019). Impact of microfinance on employment generation: a case of Aligarh. *International journal of research and analytical reviews*, 6(2), 486-495.
- [8] Nirmala, S.S., Kogila,N.,& Porkodi. T. (2019). Green banking: A study of E-Banking services in selected banks of Puducherry. *SELP journal of social science*, 25-30.
- [9] Rahman, A., & Dawood, A. K. (2019). Bitcoin and Future of Cryptocurrency. *Ushus-Journal of Business Management*, 18(1), 61-66.
- [Market Value of Firm: A Study of Selected Indian Manufacturing Companies. *TEST Engineering & Management*, 83(2):25235 – 25244.]
- [10] Nasir, S., Shajar, N., & Khan, Saba. (2019). Role of Microfinance in Poverty Alleviation with special reference to Aligarh. *International Journal of Advanced Science and Technology*, 28(7), 205-223.
- [11] Khan, M., Rahman, A., & Nasir, S. (2019). Does Working Capital have impact on profitability? an Evaluation made through financial position of select Indian Meat Processing Industry.*International Journal of Advanced Science and Technology*, 28(7), 192-204.

- [12] Abubacker. K., Waleed, K., Nomani, A., & Salman. T. (2019) Impact of Financial Inclusion in the Development of MFI and SHG: A Case Study of Allahabad District. *International Journal of Advanced Science and Technology* 28(7), 180-191.
- [13] Amir, M., & Dhyani, A., (2019). Measuring Consumers' Perception and Determinants of Green Purchase. *International Journal of Advanced Science and Technology*, 28(7), 250-269.
- [14] Khan, M., Rahman, A., & Nasir, S. (2019). Does Working Capital have impact on profitability? An Evaluation made through financial position of select Indian Meat Processing Industry. *International Journal of Advanced Science and Technology*, 28(7), 192-204.
- [15] Shajar, N., Nasir, S., Alam. S., & Ashfaquddin, M. (2020). Impact of Working Capital Policies on the Market Value of Firm: A Study of Selected Indian Manufacturing Companies. *TEST Engineering & Management*, 83(2), 25235 – 25244.
- [16] Nirmala, S.S., Porkodi, T., & Kogila, N. (2020), The Binding Stress in the Profession of Junior Level Officers like JCs and NJCs in Military Intelligence of India, *International Journal of Advanced Science and Technology*, 29(2), 3520 - 3529.
- [17] Srinivasan, C., Mohsin, Khan., Nirmala, S.S. (2019), A Heuristic Method for Logistics Supply Chain Risk Control of Green Edible Agricultural Products (Geaps) In South-Indian Context, *International Journal of Scientific & Technology Research*, 8(11), 2277-8616.
- [18] Nirmala, S.S., Kogila, N., Porkodi, T. (2020), The Binding Stress in the Profession of Junior Level Officers like JCs and NJCs in Military Intelligence of India, *International Journal of Advanced Science and Technology* 29(2), 3520 - 3529.
- [19] Dr. Krupa, B., Nair, Indumathi, N., Farzana, S. (2020) "The Impact of Knowledge Management on Employee Performance at Information technology Sector in Chennai" – *International Journal of Management science*, 25.
- [20] Ziauddin, B., Abbas Manthiri, A. (2019). A study on buyer behavior to the dynamics in marketing strategies of mobile phone through online and offline. *International Journal of Research and Analytical Reviews*, 6(2), 886-892.
- [21] Ziauddin, B., Abbas Manthiri, A. (2020). A study on consumer preferences in popular branded mobiles through online and offline mobile retailing, *International Journal of Research in Commerce and Management*, 11(2), 1-3.

- [22] Ziauddeen, B., Abbas Manthiri, A. (2020). Impact of e-commerce firms affects the sales of brick and mortars mobile retailers, *Punjab Institute of Management and Technology Journal and Research*, 12(2), 163-165.
- [23] Indumathi, N., Dawood, A. K. (2019). Organic Consumers' View on Brand Equity: Effects of Brand Awareness, Perceived Quality Brand Loyalty, Brand Association, and Brand Image. *International Journal of Advanced Science and Technology*, 28(7), 303 - 315.
- [24] Farzana, S., Indumathi, N., Krupa, B., Nair. (2019) "A Study on Measurement of Customer Satisfaction and Service Quality of a Foreign bank in Chennai – A Customer Perspective" – *International Journal of Research and Analytical Reviews*, 6(4), 2348-1269.
- [25] Krupa, B., Nair, Indumathi, N.,Farzana, S. (2020) "The Impact of Knowledge Management on Employee Performance at Information technology Sector in Chennai" – *International Journal of Management science*.
- [26] Ramesh, G.,Lakshmi, N.,Vijayakumar, N. (2020). Socio-Economic Conditions of Migrant Laborer's-A Study with Special Reference to Inter-State Migrant Construction Workers in And Around Ambattur (Chennai). *International Journal of Advanced Science and Technology*, 29(9s), 3380 - 3389.
- [27] Vijayakumar, N. (2020). Buying Behavior of Consumers towards Instant Food Products in Namakkal District. *International Journal of Advanced Science and Technology*, 29(4),671 - 677.
- [28] Khowaja, K., & Anuddin. (2019). Poverty and Intergenerational Constant level of capital. *International Journal of Management Studies*,6 2231-2528.
- [29] Fathima, Ifra, I. (2020). Modified Technological Acceptance Model for Adoption. *Parishodh Journal*,9(3),6314.
- [30]Rengarajan, A., Mohammed, Thaha, M. (2020), SPCACF: Secured Privacy-Conserving Authentication Scheme Using Cuckoo Filter In Vanet, *Scalable Computing: Practice and Experience*, 21(1), 1, 99–103.
- [31] Arul, Krishnan, S., Mohammed, Thaha, M., Rajapriya. M.,Kumar N. (2019), An Empirical Research on Impact of Employees Engagement in Ashok Leyland Company Limited, Chennai, *Test Engineering & Management*, 81, 6215-6221.

[32] Dhanasekaran, S., Mohammed, Thaha, M., Murugan, B.S. (2020), A Brilliant Agent Scheme for Consulting Diverse Online Cloud Vendor to Detect Momentous Services, *Test Engineering & Management*, 9554-9560.

[33] Murugan, B.S., Mohammed, Thaha, M. (2020), Energy Efficient Resource Allocation Using Hybrid Genetic Algorithm in Cloud, *Journal of Green Engineering (JGE)*, 10(3), 882–896.

[34] Mary, Angelin, R. (2019), Problems and Challenges Faced by Women Entrepreneurs - *A conceptual study, women entrepreneurship - problems and prospects by kaav publication.*

#### Details of Impact Factor of The Publication and H-Index

A) Range:

B) Average:

C) H-Index : 2

D) No. In Scopus:

#### Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award	Details of Awarding organization	Month & Year
1	Vashist Vignesh.V	171411601038	Bronze Medal	6 <sup>th</sup> Indo Nepal Golden Cup Rural games	2019



### Industry / Institute Collaboration

S.No	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1.	Universitas ATMA JAYA YOGYAKARTA	Academic	30/09/2019	On Going		--

### Society Activities:

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome
			Faculty	Students	Others		
1.	Swachh Bharat Mission	Cleanliness Drive	1	50	-		Cleaned in and around the school premises
2.	Distribution of Flood Relief Materials to Needy in Nagore, Nagapattinam, Tamil Nadu.	Disaster Management	1	10	-		Free distribution of flood materials to needy People
3.	Fit India Programme	Encourage people to	2	100	-		Created awareness on the importance of physical fitness

		remain healthy and fit					
4.	Assistance to Government Officials for uploading details of Scholarship in the Government Website.	Uploading details for Government officials	3	250	-		Entry of scholarship details
5.	Participants in Mega Tree Plantation Drive at Mahindra City.	Tree Plantation	3	300	-		Created awareness on the importance of tree plantation
6.	NSS Volunteers had participated in data entry of Tamil Nadu Government Chief Minister Grievance Redressal Schemes to the respective Government website	Uploading details for Government officials	2	50	-		Data entry work edof Tamil Nadu Government Chief Minister Grievance Redressal Schemes to the respective Government website
7.	NSS Day Celebration on 24th September by	Cleanliness Drive and	2	50	-		Maintained the college campus

	Conducting Campus Cleaning and Other Competitions.	celebrating NSS					clean
8.	Volunteers Participation in International Wild life Conservation- Run for Animal Organized at Vandalur zoo	Wild life Conservation	2	100	-		Protection of wildlife animal.
9.	Government Data entry- Update the content in Election Identity card	Data Entry for Government officials	2	35	-		TN Government Data entry- Update the content in votercard.
10.	Nilavembu Kudineer distribution to the Staff and Students at the Crescent campus	Dengue Awareness	1	20	-		Eradication of dengue fever
11.	Observance of RashtriyaEktaDiwas	National Unity	3	75	-		Maintenance of communal harmony among the students.

	(National Unity Day)on 31st Oct.2019 Pledge Taking Ceremony may be organized.						
12.	Observance of Vigilance awareness day.	Vigilance Awareness Day	2	50	-		Eradication of corruption
13.	Disaster Mitigation Awareness Campaign.	Disaster Management	2	75	-		Awareness of disaster management
14.	Observance of National Education Day 12th November 2019 a Pledge Taking Ceremony organized.	Educational awareness pledge	2	25	-		Importance of education in society
15.	The 26 <sup>th</sup> November is celebrated as “Constitution Day”	Constitution Day	3	50	-		To know the constitution law

	or“Samvidhan Divas” by Govt. of India						
16.	Participated in NSSState level meeting atChennai.	State level NSS Meeting	2	-	2 PO		NSS rules & regulation
17.	Fit India Cyclathon	Importance of Yoga	2	100			Importance of yoga
18.	National Girls Child Day	Spreading awareness of Girl Child	2	20	-		Protection of girl child
19.	National Voters Day	Right to vote	3	50	-		Creating awareness onVoting
20.	NSS Special Camp at Karasangal Village	NSS Camp	3	100	-		Various communityservices to needy people
21.	Blood Donation Camp	Blood donation	3	100	-		Blood donated to needy people
22.	Conduction of workshop on the topic Action plan of the contribution to	Sustainable Living Environment	2	60	-		To create good environment

	the society in creating sustainable living environment						
23.	Due to COVID 19 Free distribution of rice to needy people at karasangal village, Chennai.	Food Distribution to Needy	2	20	-		Distribution of rice to needy people at karasangal village, Chennai.
24.	Attended NSS Workshop at Trichy	NSS Workshop	2	5	1 PO		Importance of youth empowerment

MoUs Signed:

S.No	Name of the firm/Institute	Type of Collaboration	Details of MoU			Outcome Expected	Current status
			Day	Month	Year		
1.	MoU with JM Education Initiative Pvt Ltd for Capital Market Coaching programme	Academic	18	July	2018	-	Ongoing
2.	MoU with JM Education Initiative Pvt. Ltd. To start CA-	Academic	18	July	2018	Got exposure in Preparation of CA	Ongoing

	CPT Classes					exam	
3.	MoU with Miles Education for CMA-US Integrates B.Com. & Data Analytics,	Academic	09	April	2019	-	Ongoing
4.	MoU with ISDC to start B.Com. Hons with ACCA and BBA(FS) with CIMA & CMA Australia	Academic	29	April	2019	B.Com. Hons. With ACCA(UK)	Ongoing

#### Extension Activity Conducted

S.No	Type of extension activity	Details of Participants			Details of Beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1.	National Management Day	20 <sup>th</sup> February 2020	60		60	2 hours	Seven Habits of Highly Effective People



**Important Visitors:**

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Prof. Radhe S. Pradhan,	Retired Professor Central Department of Management, Tribhuvan University, Kirtipur, Nepal	Guest Lecture	Sustainable Entrepreneurship Development



2	Moses Obinna Uromtah,	Founder at CODEFEST International/Chief Technology and Business Builder/Helping Entrepreneurs and Business in Africa, Ghana	Guest Lecture	Work Place Divergence - Fight for talent and policies and culture
3	Dr. Md. Mamun Habib,	BRAC Business School (BBS), BRAC University, Bangladesh	Guest Lecture	2C (Campus to Corporate)/ Industry expectation (Placement Session)
4	Prof. Khaliq Ahmad,	IIUM, Malaysia	Guest Lecture	Digital Business: A way towards inclusive growth

## SCHOOL OF ARABIC AND ISLAMIC STUDIES

## SCHOOL OF ARABIC AND ISLAMIC STUDIES

### 1. Details of Field visits organized by the department

Sl. No	Participant Details				Name of accompanied faculty	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
	Industry Visit	VI	A	34	Dr. Khalid Waheed and Dr. Nahvi Muhiyadeen	Hatsun Agro Product (HAP) Ltd., Kancheepuram.	03.03.20	The visit was helpful for the students to gain an insight of the industry and to get a direct experience of the plant functioning. The visit was mainly meant to kindle their entrepreneurship aspiration.	Yes



Figure 1 Field Visit to Hatsun Agro Industries Ltd.

## 2. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	One day workshop on	Workshop	31-07-2019	Tamil Peravai,	Thiru. Nanjil Sampath,	20	230	12	28

	Oratory Skill Development		(One Day)	Chennai	Mr. Manimaran, Dr. Parveen Sulthana, Dr. Sundaravalli				
2	Modern Techniques of Arabic Learning	Guest Lecture	28/08/2019 (FN)	Nil	Mr. Shaik Althaf Farook Naleemi, Language Trainer, Sri Lanka	10	180	-	-
3	Effectiveness of Understanding Quran Technique	Guest Lecture	28/08/2019 (AN)	Understanding Quran Academy, Chennai.	Mr. Azrarul Haq Kaleemi, Trainer, Understanding Quran Academy	10	95	-	-
4	Language Training Programme for Madrasah Teachers	International Conference	30-09-2019 to 08-10-2019	World Learning, USA	Mrs. Laura & Mrs. Gazala, World Learning, USA	-	-	3	320



Oratory Skill Development



Language Training Programme for Madrasah Teachers

3. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Confernece / Guest lecture / Professional Society Activities such as membership fees, organized events etc.

Sl. No	Name of Activity	Duration	Details of financial support received from Institution
1	Language Training Programme for Madrasah Teachers	30-09-2019 to 08-10-2019	Sponsored by World Learning, USA

#### 4. Conferences / FDP / Seminars / Workshops Attended

S.No	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency
1.	Dr. P. S. Syed Masood Jamali	Academic Leadership	6 Days Training Programme	01-07.04.2019	Centre of Academic Leadership and Education Management, Aligarh Muslim University, Aligarh
2	Dr. P. S. Syed Masood Jamali	Oratory and Debate Skill Development	One Day Workshop	31.07.2019	Tamil Peravai, Chennai & SAIS, BSACIST, Chennai
3	Dr. P. S. Syed Masood Jamali	Teaching Communicative Arabic for Non-Native Speakers: Problems, Solutions and Opportunities	One Day International Seminar	12.02.2020	PG & Research Department of Arabic, The New College, Chennai
4	Dr. P. S. Syed Masood Jamali	Islamic Psychology	Two Days Workshop	19-20.02.2020	SAIS, BSACIST, Chennai
5	Dr. P. S. Syed Masood Jamali	Tamil Nadu Open University Board of	Orientation Programme	05.06.2020	Tamil Nadu Open University, Chennai

		Studies chairperson Orientation Programme			
6	Dr. A. Abdul Hai	Islamic Psychology	Two Day Workshop	19&20.02.2020	School of Arabic & Islamic Studies, B.S.Abdur Rahman Crescent Institute of Science &Technology
7	Dr. A. Abdul Hai	International Tamil Higher Research Conference	International Conference	14, 15.09.2019	VIT Vellore Institute of Technology, Vellore, Tamilnadu
8	Dr. A. Abdul Hai	"The Holy Quran: The Approach for the best outcome"	State Level Conference	23.10.2019	Sadakathullah Appa College (Autonomous), Tirunelveli, Tamilnadu
9	Dr. A. Abdul Hai	Teaching Communicative Arabic for Non Native speakers: Problems, Solutions &Opportunities	International Conference	12.02.2020	P.G. & Research Department of Arabic, The New College (autonomous), Chennai.
10	Dr. S. Abdus Samad	Islamic Psychology	Two Day Workshop	19&20.02.2020	School of Arabic & Islamic Studies, B.S. Abdur Rahman



					Crescent Institute of Science & Technology
11	Dr. S. Abdus Samad	Teaching Communicative Arabic for Non-Native speakers: Problems, Solutions & Opportunities	International Conference	12.02.2020	P.G. & Research Department of Arabic, The New College (autonomous), Chennai.
12	Mr. M. Ahamedullah	Islamic Psychology	Two Day Workshop	19&20.02.2020	School of Arabic & Islamic Studies, B.S. Abdur Rahman Crescent Institute of Science & Technology
13	Mr. M. Ahamedullah	Teaching Communicative Arabic for Non-Native speakers: Problems, Solutions & Opportunities	International Conference	12.02.2020	P.G. & Research Department of Arabic, The New College (autonomous), Chennai.
14	Mr. M. Ahamedullah	International Tamil Higher Research Conference	International Conference	14, 15.09.2019	VIT Vellore Institute of Technology, Vellore, Tamilnadu

15	Dr. Nahvi Muhiyadeen Lebbai	Islamic Psychology	Workshop	19&20.02.2020	School of Arabic & Islamic Studies, B.S. Abdur Rahman Crescent Institute of Science & Technology
16	Dr. Nahvi Muhiyadeen Lebbai	Documentation for revised NAAC assessment and accreditation process	Online Workshop	28.07.2020	Late Pushpavathi Patil Arts and Science College, Risod Dist, Washim (M.S)
17	Dr. Nahvi Muhiyadeen Lebbai	Teaching Communicative Arabic for Non-Native speakers: Problems, Solutions & Opportunities	International Conference	12.02.2020	P.G. & Research Department of Arabic, The New College (autonomous), Chennai.
18	Dr. Nahvi Muhiyadeen Lebbai	International Tamil Higher Research Conference	International Conference	14, 15.09.2019	VIT Vellore Institute of Technology, Vellore, Tamilnadu
19	Dr. Khalid Waheed	Islamic Psychology	Workshop	19&20.02.2020	School of Arabic & Islamic Studies, BSACIST
20	Dr. Khalid Waheed	Islamic finance and sustainable socio -	National Seminar	15 & 16 November,	Darul Uloom Arabic College, Malappuram, Kerala.

		economic development		2020	
21	Dr. Khalid Waheed	Current challenges & future prospects for actuaries	Workshop	January 23 & 24, 2020	Department of Mathematics and Actuarial Science, BSACIST, Chennai
22	Dr. Khalid Waheed	Interest Free Microfinance in India	Webinar	5th July 2020	Janseva Multi-Credit Cooperative Society
23	Dr. Khalid Waheed	Interest Free Ethical Investments & Borrowings	Webinar	4th May 2020	Janseva Multi-Credit Cooperative Society

5. Papers Published/ Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	-	1	-	-	-	5	1	7

6. Details of Publication In National & International Journals & Conferences: (IEEE Format)

International Journal

- 1) Dr. P.S. Syed Masood Jamali, Mr. Ahamedullah – “Zakath Investment: An analytic Study”, *Al Baas Al Islami*, Vol. 66, No. 4, PP. 48-58, 2020.
- 2) Dr. Nahvi Muhiyadeen Lebbai, “Enhancing Speaking Skills: English and Arabic in the selected colleges at Chennai through Activity-Based Approaches”, *Journal of Advances & Scholarly Researches in Allied Education*, Vol. 16, No. 17 (Special Issue), PP. 82-86, 2019.
- 3) Khalid Waheed, “Manufacturer optimal stock requirement and production rate to maximise the expected profit during peak time”, *International Journal of Procurement Management (IJPM)*, Vol.13 No.2, pp.257 – 277, 2020. (Scopus Indexed)
- 4) Khalid Waheed, "Interest-free microfinance in India: A case study of Sanghamam multistate cooperative credit society", *Journal of Islamic Accounting and Business Research*, Vol. 10, No. 5, pp. 695-709, 2019. <https://doi.org/10.1108/JIABR-11-2017-0176> (Scopus Indexed)
- 5) Khalid Waheed, “Impact of Financial Inclusion in the Development of MFI and SHG: A Case Study of Allahabad District”, *International Journal of Advanced Science and Technology*, Vol. 28, No. 7, pp. 180-191, 2019. ISSN: 2005-4238 IJAST, (Scopus Indexed) .
- 6) Khalid Waheed, "Interest-free microfinance in India: a case study of Bait-un-Nasr Urban Cooperative Credit Society", *ISRA International Journal of Islamic Finance*, Vol. 11 No. 2, pp. 322-337, 2019. <https://doi.org/10.1108/IJIF-10-2018-0114> (Scopus indexed)

### International Conference

1. Mr. Ahamedullah, "Tamil Literature in Arabic", *First World Tamil Research Conference*, VIT-Vellore Institute of Technology, Vellore, Vol. 5, No. 19, pp. 67-70, 2019

### 7. Achievements of Staff

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Dr. P.S. Syed Masood Jamali	Chairperson, Board of Studies, Islamic Studies	Tamilnadu Open University	Mar. 2020
2	Dr. A.M. Ali Ibrahim	Ph.D.	B.S. Abdur Rahman Crescent Institute of Science and Technology	Sep. 2019

### 8. Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1	Mohammed Aarif N	170111601030	BrainTech Championship 2019	BrainTech Championship 2019, Zonal 1st	Jan-19
2	Mohamed Ismail H	170111601020	Kavi Malai	Selected as one of the young Poet with a title of (Kavi	Aug-19

				Malai), Organized by Tamizhaga Kavignar Kalai Ilakkiya Sangam	
3	Suhail Ahamed	170111601039	Kavi Malai	Selected as one of the young Poet with a title of (Kavi Malai), Organized by Tamizhaga Kavignar Kalai Ilakkiya Sangam	Aug-19

#### 9. Developmental Activities

S.No.	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1	Guidance for competitive examinations	One Day 09-11-2019	5 Faculty 120 students	To create awareness on Public Services Examinations	Prepared students for appearing in various competitive examinations

## 10. Society Activities

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1	Oratorical Club	Oratory Skill development	20	200	50	Thiru. Nanjil Sampath, Dr. Parveen Sulthana, Mr. Manimaran, Dr. Sundaravalli.	Public speakers

## **CRESCENT SCHOOL OF LAW**



## CRESCENT SCHOOL OF LAW

### New Programmes Started

S.No	Name of Programme	Month & Year of Introduction	Details of Approval			
			Board of Studies	Academic Council	BOM	AICTE/UGC
1.	B.A; LL.B.(Hons.)	2019 -June	10-1-2019			BCI/ UGC

### Details of Field visits organized by the department

Sl. No	Participant Details				Name of accompanied faculty	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1.	BBALLB & B.Com.LL.B	6 <sup>th</sup>		32	Mr. Vishnunath (A.P.) and Ms Manasa Krishna(A.P.) Kumar	Supreme Court of India, Delhi Parliament, Delhi and other places	March 1 to 8, 2019	-sub mitted-	Report Submitted

Conferences / FDP / Seminars / Workshops Organized: -BS ABDUR RAHMAN MEMORIAL NATIONAL MOOT COURT COMPETITION.

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	BS Abdur Rahman National Moot Court Competition	MOOT COURT COMPETITION	6 <sup>th</sup> to 8 <sup>th</sup> September, 2019	Crescent School of Law  Ulster University, London, (British Council)	22 teams representing various Law Schools in India	All Staff Members involved in this event.	All students of School of Law assisted to conduct this event.		22 teams from different law schools
2.	Seminar	Seminar on 'Regulation of Hate Speech'	21 <sup>st</sup> November, 2019	Crescent	Dr. Venkat Iyear Prof.	Vishnunath coordinator	CSL students		Crescent School of Law students only
3.	Law Day Celebrations	A meeting to mark Golden Jubilee of Constitution	26 <sup>th</sup> November, 2019		Registrar, BSACIST and Dean, CSL	All Faculty members			CSL students only.

Important Remarks: This is our first attempt to gain national significance. We could able to involve 22 Law Schools in this event.

Conferences. FDP, Seminars. Workshops Attended:

S.No	Name of the faculty	Name of the programme	Type of Programme	Duration From – To	Organizing Agency
1.	Mr. Vishnunath I	Virtual International Conference On IPR	Conference	29.06.2020	Directorate Of Legal Studies, Government Law College Villupuram
		Corporate Citizenship & Governance	Conference	23.05.2020	VELS Institute Of Science Technology And Advaned Studies
		Human Trafficking and COVID19	Conference	14.05.2020	Sathyabhama Institute Of Science And Technology
		Violence And Atrocities Against Child And Human Rights	Conference	28.2.202 to 29.02.2020	CALSAR
2	Mr. Shaji M.	Interface between forensic science & law	Conference	01.06.2020	VELS School of law
		Health, Medicine, Innovation - 7 Evidence from IPR	Webinar	29.06.2020	Crescent school of law
		Corporate Citizenship & Governance	Webinar	23.05.2020	VELS School of law
		International Seminar on Violence & Atrocities against child & Human rights	Seminar	28.02.2020	CALSAR

3	Ms.Manasa Krishnakumar	International Virtual Conference On Arbitration Post 2020	Online conference	27.06.2020	Dr.Ambedkar Government Law College
		International Webinar On Procedural Justice And Legitimacy In Policing	Online Seminar	06.07.2020	Indian Criminology And Forensic (ICFSA)
		International Seminar On Violence And Atrocities Against Human Rights	Seminar	28.02.2020	CALSAR
4	Ms.Mursalin A.	Modern Monetary Theory (MMT): The Macro Economics of Human Rights Law	Online Seminar	26.06.2020	Crescent School of Law, BSACIST
		Virtual International Conference On Ipr	Online Conference	29.06.2020	School of Law, Sathyabama Institute of Science and Technology.
		International Seminar On Regulation Of Hate Speech	Seminar	21-11-19	Crescent School of Law, BSACIST
		National Level Webinar on "On hurdles of Migrant workers during the covid - 19 and the Plight of homeless during covid - 19"	Online Seminar	27.06. 2020	Faculty of Law, Dr.M.G.R.Educational and Research Institute, Chennai
		National Webinar on "Health, Medicine and Innovation: Evidence from IPR"	Online Seminar	29.06.2020	Crescent School of Law, BSACIST
		Live Webinar on "Challenges of Working from Home - 2020"	Online Seminar	12.06.2020	School of Arts and Science and Commerce and Internal Quality Assurance Cell (IQAC), Rai

					University, Ahmedabad, Gujarat.
5	Mr.Sajid Hamid	Cyber Security		09.06.2020	R N Patel Ipcowala School of Law and Justice, Anand, Gujarat
6	Ms.Sherin Farhana EV	National workshop on investigation and trial process in Indian Judiciary	workshop	24.01.2020	School of law, Sathyabhama Institute of Science and Technology
		Intellectual Property Rights	Seminar	05.02.2020	Gurunanak College.
		Competition Law and IP in the age of Platforms and New technology	conference	07.02.2020	VIT, Chennai
		The relevance of Gandhian Thoughts and Human Rights Issues in Contemporary India	Seminar	10.02.2020	Department of Human Rights Govt. arts College, Salem
		Analyzing Family Law and a need of an evolving Society	Seminar	07.03.2020	Shankarrao Chavan Law College, Pune
7	Mariya Fatma	Modern Monetary Theory (MMT): The Macro Economics of Human Rights Law	Online Seminar	26.06.2020	Crescent School of Law, BSACIST
		International Seminar On Regulation Of Hate Speech	Seminar	21.11.2019	Crescent School of Law, BSACIST

		National Webinar on "Health, Medicine and Innovation: Evidence from IPR"	Online Seminar	29.06.2020	Crescent School of Law BSACIST
8	Dr. Moon Moon Hussain	Teaching Ideas using Interactive Web Tools	FDP	12.06.2020	Division of Social Sciences and Languages, School of Advanced Sciences VIT Chennai
		One day Faculty Development Programme	FDP	26.05.2020	Department of Management Studies, Eashwari Engineering College, Chennai
		One day Workshop on "How to write an effective Research paper for peer reviewed journals"	Workshop	24.04.2020	SRM Institutions, Ramapuram and Trichy Campus.
		One day national webinar on "Modern Monetary Theory: The Macroeconomics of Human Rights Law"	Online Seminar	26.06.2020	Crescent School of Law, BSACIST
		One day webinar on "Teaching a course book online"	Online Seminar	19.06.2020	British Council
		Two day International Webinar on "Fostering Academic Research and	Online Seminar	12.06.2020-13.06.2020	Department of English, Sree Ayyappa College for Women,

		Writing Skills”			Chunkankadai
		WEBINAR on “Digital Era in Indian Higher Education	Online Seminar	12.06.2020	Internal Quality Assurance Cells (IQAC) of Shri Shivaji College, Parbhani and Shivaji College, Hingoli
		One day webinar on “Research Methods in Language and Linguistics”	Online Seminar	08.06.2020	Division of Social Sciences and Languages, School of Advanced Sciences, VIT Chennai
		Webinar on "ICT Enabled Teaching, Learning and Evaluation of English Language & Literature"	Online Seminar	05.06.2020.	Department of English and IQAC, Noble College (A), Machilipatnam
		One day webinar on “Essential Future Skills Post COVID”	Online Seminar	05.06.2020.	BSACIST
		Webinar on “The Power of Positive Thinking” Nothing is impossible”	Online Seminar	29.05.2020.	Department of Civil Engineering, Easwari Engineering College
		One day webinar on "Myths and Archetypes in Popular Culture"	Online Seminar	15.05.2020.	Department of English, St. John`s College, Agra
		One day webinar on “Reorienting Academic Leadership, Pedagogy and Research in the Time of Crisis”	Online Seminar	30.05.2020.	Department of Education, Tezpur University, Assam
9	Dr. P.Devi	Online Workshop on Design and development of E-Content	Online workshop	12.08.2020	Organised by Center for Innovation ,Teaching & Learning and office of

					Dean Academics,BSACIST
		Effective Virtual classroom teaching for teachers	Online seminar	19.06.2020	Sri Sai ram Engineering College, Chennai
		Virtual Teaching of Social Sciences	Online seminar	14.06.2020	Pondicherry University, Pondicherry
		Teaching Ideas using Interactive Web Tools	Webinar	12.06.2020.	Division of Social Sciences and Languages, School of Advanced Sciences VIT Chennai
		One day Faculty Development Programme	FDP	26.05 2020	Department of Management Studies, Eashwari Engineering College, Chennai
		Project Management-An Industrial Overview	Seminar	25.05.2020	Malla Reddy Engineering College, Telanga
		Various Project Opportunities for DST funding-Strategies on International cooperation	Seminar	23.05.2020	Organized by Office of research,ESPAC and HR&FTA,BSACIST
		One day Workshop on "How to write an effective Research paper for peer reviewed journals"	Workshop	24.04.2020	SRM Institutions, Ramapuram and Trichy Campus
		Workshop on Intellectual property Rights	Workshop	22.04.2020	SRM Institutions, Ramapuram and Trichy Tamilnadu, India



		One day webinar on “Essential Future Skills Post COVID”		05.06.2020.	BSACIST
		Webinar on “The Power of Positive Thinking” Nothing is impossible”	Online Seminar	29.05.2020.	Department of Civil Engineering, Easwari Engineering College
		Three day National Symposium on Contemporary Sociology in India: Emerging Trends and Challenges	Symposium	20.3.2020 to 22.3.2020	Department of Sociology, Pondicherry University
		Participated in a one day workshop on “ Sharpening Research Skills (Research Writing, Statistical analysis using R-software and research procedure)"organized by	Workshop	23.08.2019	School of Advanced Sciences, VIT, Chennai.
		Participated in a one day international workshop on “ Innovative Teaching and Learning: Tools and Techniques"	workshop	11.10.2019	University of Madras, Department of Commerce and Women Christian College, PG Department of Commerce
		Participated in a one day international Conference.Workshop on “The Future of Work - Interrelated dynamics of work, Workforce and Workplace"	Conference	20.02.2020 February, 2020.	Stella Maris College, Chennai by Department of Commerce.
10	Dr. NAZNEEN. M.Y	Interview Skills Post Covid Scenario	Online Webinar	27.06.2020	Thiruvallur University

		English Language Learning From Home: Techno Pedagogical Perspectives	Online seminar	29.06.2020	D.K.M. College for Women, Vellore
		Medical Humanity	Online seminar	22.06.2020	Valluvar College, Karur
		Health, Medicine and Innovation: Evidence from Intellectual Property Rights	Online seminar	29.06.2020	Crescent School of Law BSACIST
		MMT: The Macro Economics of Human Rights Law	Online seminar	26.06.2020	Crescent School of Law, BSACIST
		Modern Monetary Theory	Online seminar	26.06.2020	BSACIST
11	Dr. E. Priyanka	Fundamental Rights And Duties For Competitive Examination	Online seminar	28.05.2020	Thiruvallur Arts College
		Advanced Research Methodology	Online seminar	11.05.2020 - 15.05.2020	Rest Society For International
		Use of Statistical Tools And Techniques	Online seminar	20.04.2020 24.04.2020	Davangere University
		An Introduction To Fundamental Rights And Duties	Online seminar	11.05.2020- 24.05.2020	Annamali University
		Stress Management	Online	16.05.2020	Nallamuthu Gounder College

	Awakening Business Trends-1	Online seminar	11.05.2020-15.05.2020	Saveetha Engineering College
	The Essence Of Research Methodology	Online seminar	16.05.2020 - 17.05.2020	Jamal Mohamed
	Tips And Tricks For Effective Research	Online seminar	15.05.2020	Idhaya College For Women
	Research Methodology For Social Research	Online seminar	05.04.2020	IQAC (MES COLLEGE)
	Awakening Business Trends-2	Online seminar	27.04.2020-01.05.2020	Saveetha Engineering College
	Intelluctal Property Rights	Online seminar	29.06.2020	BSACIST
	On Hurdles Of Migrant Workers During Covid-19	Online seminar	27.06.2020	DR.MGR Educational Research Institute Of Science And Technology
	Virtual Session On Mindfull To Mindfulness	Online seminar	23.06.2020	DR.MGR Educational Research Institute Of Science And Technology
	Rural Development In Asia Pacific Region	Online seminar	15.06.2020 To 16.06.2020	NIRDPR

		Impact Of Covid 19 On Students Behaviour	Online seminar	30.05.2020	CSIBER
		E -Panel Discussion Programme	Online seminar	14.05.2020	ISM Patna
		Human Trafficking And Covid19	Online seminar	14.05.2020	Sathyabhama Institute Of Science And Technology
		Right To Information Act	Online seminar	16.02.2020 - 17.03.2020	SRM Institute Of Science And Technology
		Water Resources And Climate Technology	Online seminar	30.10.2019 - 31.10.2019	Tamil Nadu Open University
		Recent Trends And Innovations In Multidisciplinary	Online seminar	14.03.2020	IEC UNIVERSITY
		Role of Administrative Thinkers Towards HRM	Online seminar	03.03.2020	New College
		Modern Monetary Theory	Online seminar	26.06.2020	BSACIST
		Fundamental Rights And Duties For Competitive Examination	Online seminar	28.05.2020	Thiruvallur Arts College
		Advanced Research Methodology	Online seminar	11.05.2020-15.05.2020	Rest Society For International

		Use of Statistical Tools And Techniques	Online seminar	20.04.2020-24.04.2020	Davangere University
12	Nabeena Ameen	National Webinar on "Health, Medicine and Innovation: Evidence from IPR"	Online seminar	29.06.2020	Crescent School of Law BSACIST
		Live Webinar on "Challenges of Working from Home - 2020"	Online seminar	12.06.2020	School of Arts and Science and Commerce and Internal Quality Assurance Cell (IQAC), Rai University, Ahmedabad, Gujarat.
		Webinar on "Artificial Intelligence with Matlab"	Online seminar	5.05.2020	Department of EEE, BSACIST
		Webinar on "Data science for ECE Industrial Applications"	Online seminar	10.06.2020	Department of ECE, BSACIST
		Webinar on "Various project opportunities for DST funding - Strategies on International Cooperation"	Online seminar	23.05.2020	ESPAC ,Office of Academic Research ,HR & FTA , BSACIST
		Webinar on "Project management mindset for startups"	Online seminar	02.05.2020	Crescent Innovation and Incubation cell, BSACIST
		Webinar on " All about Patent and Intellectual Property"	Online seminar	26.04.2020	Crescent Innovation and Incubation cell, BSACIST
		Webinar on "Startup story: The Journey of Agri-Tech Entrepreneurs"	Online seminar	21.05.2020	Crescent Innovation and Incubation cell, BSACIST

		Webinar on "Serious Games for unleashing Human potential at workplace	Online seminar	17.06.2020	Crescent Innovation and Incubation cell, BSACIST
		Webinar on "Startup investing for post-covid :What would be the last man standing for "	Online seminar	24.06.2020	Crescent Innovation and Incubation cell, BSACIST
		Webinar on "How to diagnose corona virus (COVID-19)"?	Online seminar	04.05.2020	Crescent Innovation and Incubation cell, BSACIST
		Webinar on "Thrive in Vuca world with collecive responsibility and leadership skills	Online seminar	23.04.2020	Crescent Innovation and Incubation cell, BSACIST
		Webinar on "Electric Vehicle design "	Online seminar	15.05.2020	Pantech e-learning
		Webinar on " How to use Turnitin software for Research ( Turnitin for Online on campus)	Online seminar	04.05.2020	-
		Webinar on "Project to prodecr MSME"	Online seminar	30.06.2020	Department of CSE,Bharath Instiute of s+C33:E49cience and tehnnology

Papers Published. Presented In Journals & Conferences (Total Numbers Only) (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI.Scopus Indexed	Others	SCI.Scopus Indexed	Others	
		1		3	6			10

Details of Publication In National & International Journals & Conferences: (IEEE Format)

Publications

1. Shaji M. & Sujan G., "*The system of reservation under the law and the Constitution a socio legal analysis*" Chapter in Book Mapping Human Rights in the ordern world" ABPL Publication, 2020.
2. Moon Moon Hussain and Rashmi Rekha Borah, "*Dirty money as a carrier of corona Virus and other Pathogens: a survey Article.*" Gujarat Agricultural Universities Research Journal Vol. 45, No(3) July, 2020
3. Moon Moon Hussain and Rashmi Rekha Borah, "*Impact of Covid 19 on Indian Economy: A Study,*" Journal of Global Resources (Vol 6(01a), june 2020
4. Dr.Nazneen M.Y, "*Appropriation of Power Through Subversion in Khaled Hosseini's A Thousasnd Splendid Sun*", Parishodh Journal VI. IX, Issue III, March 2020
5. Dr. E. Priyanka`, "*WTO Policies with Special Reference to Developing Countries*", Studies in Indian Place Names (SIPN) Vol. 20, Issue 56 March 2020
6. Dr. E. Priyanka`, "*Role of Administrative thinkers towards HRM Perspective*", Parishodh Journal, Vol. IX, Issue III, March 2020
7. Nabeena Ameen, D. Najumnissa and L.Arun Raj, "*Comparative Analysis of energy based optimized dynamic source multipath routing protocol in WSNs*" Indonesian Journal of Electrical Engineering Comupter Science Vol. 16. No. 1. October 2019
8. Sameera K.S, "*Influence of online branding through media on consumer Buying Behavior*", JGRS Journal, Vol 21, Issue 13, 2019

9. Sameera K. S, "A study on E- Recruitment- Use of Internet as a Recruitment Medium", DBJC Journal of Business Research-jain Saire, Issue 29, 2019

**International Conference & National Conference:**

- Saji M. and Manasa Krishna Kumar, "*The unravelling savagery of child trafficking in India - a socio legal Analysis*", in International Seminar Proceedings CALSAR, Feb 2020

**Important Visitors:**

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Justice Seshasai (Judge, Madras High Court	-	To adjudicate Moot Competition	--- A gesture of good will -----



## **CRESCENT SCHOOL OF PHARMACY**

## CRESCENT SCHOOL OF PHARMACY

### 1. Details of Field visits organized by the department:

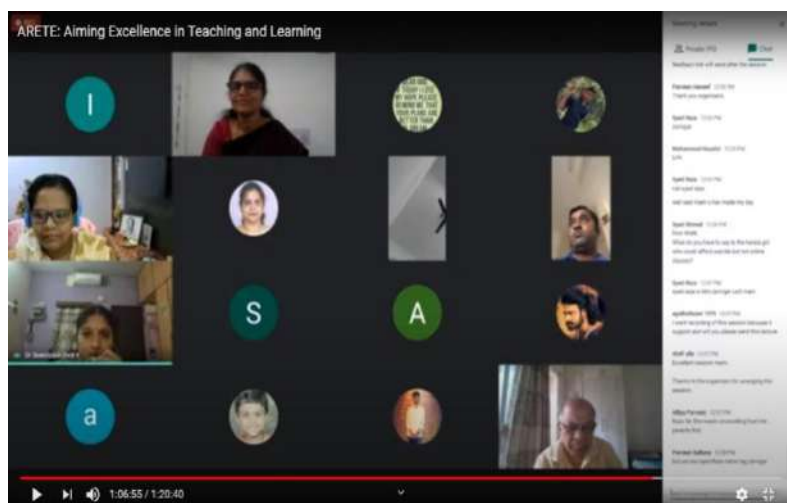
Sl. No	Participant Details				Name of accompanied faculty	Industry Visited	Date / Duration	Outcome	Report Submitted to IQAC (Yes / No)
	Programme	Sem	Sec.	No. of Students					
1	II B.Pharm.	IV	--	39	1. Mr. N.Irfan 2. Mrs. R. Mythili	Coffee and Tea Plantation	29.02.2020 to 02.03.2020	The process of cultivation collection and preparation for the market was studied which is the major part in the subject Pharmacognosy & Phytochemistry-I	NO
2						Centre for Cellular and molecular Platforms, Bangalore			NO
3	I B.Pharm.	I	--	44	1. Dr. Haja Nazeer Ahamed 2. Dr. Y. Ismail 3. Mrs. B. Lavanya	Panimalar medical College Hospital and research Institute	07.11.2019	View on Anatomical specimens & Applications of human anatomy and physiology theory course	No
4	II B.Pharm	III	-	59	1. Dr.AL. Akilandeshwari 2. Mr.Mohammad Habeeb	Medopharm Pvt ltd Chennai	22.08.2019	Gave students practical perspective on the world of work, exposure to current work practices and to understand concepts and process covered during the course.	Yes
5	III B.Pharm.	V		59	1.Dr.S.M.Shaheedha 2. Dr. D. Jose Prakash	Medopharm Pvt ltd Chennai	21.08.2019	Made students to interact with industry professionals, made them	Yes

			-					aware of industrial procedures and made them to experience the working environment of the industry	
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## 2. Conferences / FDP / Seminars / Workshops Organized

S. No	Name of the programme	Type of Programme	Duration From – To	Details of Collaborating Agency/Institution	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Global Impacts of Smoking	Webinar	30.05.2020	Duke University Medical Center, Durham, NC, USA	Dr. Thangaraju PhD (Pharmacy), MRSC (UK) Director, Bio-analytical Laboratory at Duke Center for Smoking Cessation, Department of Psychiatry and Behavioural Sciences.	11	90	Around universities and industries	Different and industries
2	Learn and Unlearn Coupling	Webinar	31.05.2020	Universiti Sains Malaysia (USM), Malaysia.	Dr. Muzaimi MBBCh, PGDip BioMed PhD Associate Professor (Medical Neuroscience) School of Medical Sciences Coordinator, Division of Research and Innovation (R&I).	11	95	Around universities and industries	Different and industries
3	Life Cycle of a drug	Webinar	05.06.2020	Dept of Pharmacy, Christian Medical College, Vellore.	Mr. Heber Rew Bright Clinical Pharmacist Cum Researcher.	11	70	Around universities and industries	Different and industries
4	Arete: Aiming Excellence in Teaching and	Webinar	12.6.2020	Justice Basheer Ahmed Sayeed college for women	Dr.P.Lalitha, Professor of English.	11	100	Around universities and industries	Different and industries

	learning			(Autonomous), Chennai				
5	Phytopharma ceutical Industry in the new Millenium: Issues and Challenges	Webinar	18.06.2020	Faculty of Pharmaceutical Sciences, UCSI University Kuala Lumpur	Dr.Mogana R Dean/Associate professor	11	80	Around Different universities and industries



12.06.2020 Arete: Aiming Excellence in Teaching and learning



18.06.2020 Phytopharmaceutical Industry in the new Millenium:  
Issues and Challenges

3. Papers Published/ Presented In Journals & Conferences(Total Numbers Only) (July 2019-June 2020) :

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
1	2	2	0	3	2	3	1	9

4. Sponsored Research (Ongoing / Applied) :

S.No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1	Dr.S.M.Shaheedha	TNSCST	Development and Evaluation of Anti-Acne Products from Inadian medicinal Plants	Applied	-	-	-	-
		CEP, PCI, New Delhi	Leadership in Higher Education	Applied	-	-	-	-
		ICMR	Current Trends and Measures In Animal Experimentation	Applied	-	-	-	-
		CSIR	Invitro cellular Reprogramming and anti oxidant potential of herbal drug	Applied	-	-	-	-
		CSIR	Pharmaceutical waste management in the coastal areas	Applied	-	-	-	-

		DST SATYAM	Pulmonary Recuperation of Dyspnea in Waste Management Workers with COPD using Yoga and Meditation	Applied	-	-	-	-
2	Dr. Y. Ismail	TNSCST	Novel Design of thiazolidinedione derivatives as typical antidiabetic agents against insulin Resistance	Applied	-	-	-	-
		Oil and gas PSUs startups	Innovations in the field of Agriculture	Applied	-	-	-	-
		Biotechnology Ignition Grant DBT	Formulation and Invitro characterization of cow urine nanogel for treatment of piles		-	-	-	-
3	Dr. Haja Nazeer Ahamed	TNSCST	Effect Telmisartan in Mouse model of Obsessive Compulsive Disorder	Applied	-	-	-	-
4	Mr. N. Irfan	TNSCST	Computational design, synthesis and anti-tuberculosis activity of hybrid eugenol substituted isoniazid derivatives	Applied	-	-	-	-
5	Mr. Mohammad Habeeb	TNSCST	Enhancing the dissolution rate of novel Antiviral drugs and their formulation, Invitro-		-	-	-	-

			In vivo evaluation and correlated with molecular dynamics					
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5. Details of Special Research Laboratories Created:

S.No	Name of the Lab	Details of Infrastructure		Value of Equipment procured in the Financial Year 2019-20
		Land	Construction Space	
1	Instrumentation Lab	In the premises of CSP		10Lakh

6. Details of Major Equipment Purchased (Financial year 2019-20)

S.No	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs	Working Status	
					Yes	No
1	UV Visible Spectrophotometer	Shimadzu, Japan	24.09.2019	5,05,000	To be installed	
2	Brook Field's Viscometer	India	28.02.2020	2,88,750		
3	Dissolution test apparatus	Esico, India	24.09.2019	1,53,000		
4	Elisa Reader	Robonik, India	24.09.2019	1,21,550	Yes	
5	Rotary Evaporator Digital Span	Span Automation, India	27.02.2020	1,20,000	To be installed	
6	Orbital shaker	Rivotek, India	27.02.2020	58,900		
7	Fume hood	Technico, India	27.02.2020	1,70,000		
8	Tablet Punching Machine	India	07.10.2020	2,92,950		

7. Society Activities:

S.No	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1	NSS	Medical Camp	06	05	--	--	--	

8. Extension Activity Conducted :

S.No	Type of extension activity	Details of Participants			Details of beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1	World Pharmacist Day 2019-20	09	100	--	B.Pharm. Students	One day	-
2	Seminar- Industrial aspects for Pharmacy Graduates	10	90	--	Students	One day	-

9. Important Visitors :

S.No	Name of the visitor	Affiliation Details	Purpose of visit	Expected Outcome
1	Dr.K.Chitra	Vice principal & Professor Faculty of Pharmacy SRIHER, Chennai-600116	Academic Audit	Student exchange Programme



2	Mr.M.Ramalingam	Plant Head Fourrts India , Pvt,Ltd	Special Invitee, BOS	To create Industry linkage
3	Dr.M.Murugan	Director E.G.S Pillay College of Pharmacy, Nagapattinam	Member, BOS	Student & faculty exchange programmes
4	Mr.S. Suresh Kumar	Drugs Inspector, Govt. of Tamil Nadu	Guest Lecture	To expose our students to Governmental examinations
5	Mr.S. Arther Paul	International Business Manager Apex Pharma	Chief Guest, World Pharmacist day	To create Industry Linkage
6	Mrs.S.Uma Shankari	Drugs Inspector, Govt. of Tamil Nadu	Guest Lecture	To expose our students to Governmental examinations
7	Dr. M. Dhilip Kumar	Assistant Drug Controller Govt. of Tamil Nadu	Chief Guest	To create relationship with various professional bodies

## **ESTATE OFFICE AND FACILITY MANAGEMENT**

### I Major Project work

- Established Indoor Games Hall
- Essential Staff Quarters in Men's Hostel
- Established IBM Computer Laboratory
- Formation of New Roads near STP area
- New 2 Battery Car, Eco friendly load vehicle & E Bike Purchased
- 250Kg Kankyo Eco-Bin Installed in Men's Hostel for food waste management
- Garbage Incinerator machine installed in our campus solid waste management yard with 50kg/hr capacity reducing waste product to inert ash
- Solar Street light 10 nos provided in campus
- Passive Infra-red motion sensor lights provided in Computer Science block lab and staff cabin for energy savings.
- Crescent Sports Village Play Area 80000 sqft. created in campus
- Beema Bamboo plants planted in whole campus in 2acres
- Establishment of Drawing hall at Workshop
- Face-lifting of Men's Hostel Dining Hall in progress
- Extension of Pharmacy block work in progress
- Establishment of Organic Canteen work in progress
- New 100kWp Rooftop Solar power plant work in progress
- Construction of Toilet near MBA block in progress
- Oxy park work in progress

### II Major/ Salient Maintenance works carried out

- Established of additional 18 Class rooms
- Painting work of Hostel Building  
Creation of Landscaping
- Renovation of MBA Department Phase I & II
- Established of Research scholar's room

- Rain water harvesting facility was done in Life Science block, Mechanical Science Block, Architecture Block, Pharmacy Block and Computer Science Block.
- 1<sup>st</sup> year block painting work

#### Establishment of Indoor Games & Centre



#### Establishment of New IBM Computer lab @ 3rd floor Computer Sciences Block



#### Establishment of New Seminar hall, faculties and Research Scholars Cabins



**Establishment of Bio lab @ Crescent Innovation and Incubation Council and Incubation Council.**



**Establishment of Essential Staff Quarters near Men's hostel mess.** This building was constructed using GFRG Panel as affordable housing technology and Department of Civil Engineering executed this project.



Solar street lights are provided towards staff quarters to Men's hostel road and Architecture block area. This project was done by our III yr EEE students.



Garbage Incinerator machine installed in our campus solid waste management yard with 50kg/hr capacity reducing waste product to inert ash



Motion Sensor lights provided in Computer Science Block lab, Auditorium 1st floor Gents toilet and higher officials cabin for energy savings



Staff Cabin



Computer lab

Rain Water Harvesting



New Architecture block RWH



**Computer Science block**



**Pharmacy Block**

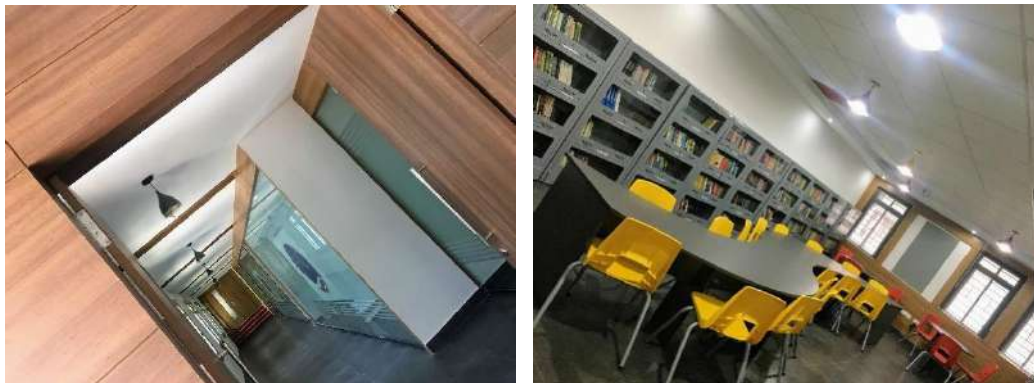


**Research Scholar Room**



MBA Block phase-2 renovation works with the new facility of Library, Syndicate/conference room/Faculty cabin -10, Dept. office and HOD cabin.

This facility is with a 2500 sqft area of energy efficient Lighting and HVAC system.



**Library Entrance**



**Reception**



**Syndicate Room**

**Establishment of New Drawing at Workshop**



**Landscaping work in front of VC office**





## Beema Bamboo Plants



## Oxy Park



## Sports Village



## Outdoor Canteen (Badam Food court)

