



B.S. Abdur Rahman

Crescent

Institute of Science & Technology

Deemed to be University u/s 3 of the UGC Act, 1956

GST Road, Vandalur, Chennai 600 048

The Annual Quality Assurance Report (AQAR) of the IQAC

Academic Year (2018-19)

Dr. A. Azad
REGISTRAR



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

Lr. No : 224:R:2020

20.02.2020

To

The Director
National Assessment and Accreditation Council
P.O. Box No. 1075
Nagarbhavi, Bangalore – 560 072

Sir,

Sub: Submission of Annual Quality Assurance Report (AQAR) for the year
2018-19 – Cycle I – Reg

Ref : Track ID:TNUNGN11169

I am pleased to submit the Annual Quality Assurance Report (AQAR) for the year
2018-19. The AQAR has been uploaded on our website on 20.02.2020.

With best wishes,

Yours Sincerely,

REGISTRAR
B.S. Abdur Rahman

Crescent
Institute of Science & Technology
Vandalur, Chennai-600 048

Encl:
Annual Quality Assurance Report(AQAR)2018-19
(TNUNGN11169 ,B.S.Abdur Rahman Crescent Institute of Science & Technology
Vandalur, Chennai)

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The Annual Quality Assurance Report (AQAR) of the IQAC

Academic Year (2018-19)

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution B.S.Abdur Rahman Crescent Institute of Science & Technology

- Name of the Head of the institution : Dr. A. Peer Mohamed
- Designation : VICE CHANCELLOR (In Charge)
- Does the institution function from own campus : YES
- Phone no./Alternate phone no: : + 91-44 - 22759203, 22750520,
22750006, 22751347
- Mobile no. : +91 9444013050
- Registered Email : director.aria@crescent.education
- Alternate Email : registrar@crescent.education
- Address : Seethakathi Estate, GST Road, Vandalur
- City/Town : Chennai
- State/UT : Tamilnadu
- Pin Code : 600 048

2. Institutional status:

- University: State/Central/Deemed/Private : **Deemed**
(Tick appropriate)
- Type of Institution: Co-education/Men/Women : **Co - education**
- Location : Rural/Semi-urban/Urban : **Semi - urban**
- Financial Status: Centrally funded/state funded/Private : **Private**
(please specify)
- Name of the IQAC Co-ordinator/Director : Dr. U. Sabura Banu
- Phone no. /Alternate phone no. : 22751347

- Mobile : + 91 8610425020
- IQAC e-mail address : iqac.admin@crescent.education
- Alternate Email address : sabura@crescent.education

3. Website address : www.crescent.education

Web-link of the AQAR: (Previous Academic Year):

<https://crescent.education/wp-content/uploads/2019/08/4-AQAR-2017-18.pdf>

4. Whether Academic Calendar prepared during the year? Yes **(Annexure II)**

If yes, whether it is uploaded in the Institutional website: Yes

https://crescent.education/wp-content/uploads/2017/09/Academic_Schedule2018-19.pdf

<https://crescent.education/wp-content/uploads/2019/02/Academic-schedule-18-19.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	3.08	2014	05 May 2014 to 04 May 2019
2 nd	Applied for re-accreditation on 11.12.2019 and the assessment process is on			

6. Date of Establishment of IQAC: 02.09.2013

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Participation in NIRF	2018	Ranked 79 in Engineering
ISO Certification	1.08.2018 – 3.08.2018	DNV GL & all Stake Holders
NBA accreditation for UG programs such as IT,CSE, ECE, E&I	15.06 2019	
NBA accreditation for UG programme such as Polymer, Automobile , Aeronautical and MBA programme.	22.02.2019-24.02.2019	
Feedback collected from all stake holders (academic and administrative), analysed and used for improvements [from 13 mechanism]	08.2018 / 03. 2019	
IQAC Meeting with External experts	14.08.2018	18

IQAC Meeting with External experts	29.01.2019	25
IQAC Meeting (Internal)	05.07.2018	38
	31.07.2018	24
	11.09.2018	32
	10.10.2018	28
	20.11.2018	10
	19.12.2018	23
	19.01.2019	28
	15.02.2019	11
	01.03.2019	19
	16.04.2019	26
	29.05.2019	24
QS STAR Rating	2018	4 star
QS I Guage Rating	15.10.2018 to 15.10.2021	Diamond rating
QS Asia Ranking	2019	In the band of 451-500
QS India Ranking	2019	In the band of 81-85
Submission of AQAR report 2017-18	16.09.2018	
Department Level Academic Audit	07.2018 – 06.2019	
External Academic Audit (Department wise)	12.2018 & 06.2019	
Annual Stock Verification (Departments / Divison / Centres / Library)	04.2019	
Academic and Administration : Comprehensive Audit	10.2018 / 04.2019	
Internal Academic Audit - MBA Dept.	18.01.19	15
Orientation programs for		
B.Tech -	11.07.2019– 23.07.2018	667
B.Sc, B.Com, BBA, BCA	16.07.2018 – 17.07.2018	862
BBA LLB , B.Com LLB	30.07.2018	78
B.Arch & B.Des	11.07.2018	98
B.Pharm	18.07.2018	61
Orientation programme on Quantitative Parameter pertaining to NAAC	28.11.18	71

2 Day FDP on “Train the Trainers”	26.6.2018 – 28.6.2018 2 Day	30
1 Day FDP on “Innovative Presentation Skill”	28.06.2018 1 Day	60
5 Day FDP on “Oracle PL/SQL	22.10.2018 – 26.10.2018 5 Day	30
1 Day Hands-on FDP on “ Predictive Modeling using R”	02.11.2018 1 Day	30
1 Day FDP on Class-room Management	12.11.2018 1 Day	100
One Day Hands-on FDP on ”MS-Office & Google Drive for Clerical Staffs”	20.11.2018 1 Day	60
One Day Training programme on “Maintenance of Computer Hardware/Network/Infrastructure & its Implementation Procedures”	14.12.2018 1 Day	30
2 day Training on “Communication skills and Office Keeping skill training”	26.12.2018&27.12.2018 2 Day	30
One Day National Seminar on “E-Learning and MOOCs in Higher Education”	09.03.2019 1 Day	100
One Week training programme on “Soft-skill training for staffs”	12.03.2019 – 18.03.2019 1 Week	110
One Week training programme on “Soft-skill training for Non Teaching staffs”	28.03.2019 – 03.04.2019 1 Week	100
One Day Hands-on FDP “Usage of Raspberry Pi in Machine Learning Environment	03.04.2019 1 Day	42
Two Day Hands-on FDP “Applications of image processing using MATLAB”	02.05.2019&03.05.2019 2 Day	30
AICTE SPONSORED One Week “Student Induction Programme LEVEL-1” for the faculties	20.05.2019 - 26.05.2019 1 Week	50
Eclectic HR CONFAB’19(2 Day International Conference) Organized by HR & 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	20.06.2019 & 21.06.2019 2 Day	120
One day Faculty Development Programme on “Effective Teaching Practices” for all the faculties	03.07.2019 1 Day	367
Two Day Faculty Orientation Programme for Newly Joined Faculties	08.07.2019 – 09.07.2019 2 Day	30
One Day ICT Enabled Faculty Development Programme on “Engineering Graphics”	09.07.2019 1 Day	60
One Week training programme on “Soft-skill training for staffs”	19.03.2019 – 25.03.2019 1 Week	42
One Week training programme on “Soft-skill training for staffs”	28.03.2019 – 03.04.2019 1 Week	
One Week training programme on “Soft-skill training for Non Teaching staffs”	04.04.2019 – 10.04.2019 1 Week	30
Three days Workshop on “Writing Quality Research Articles, Project Proposals and Patents” Dr. Subhendu Chakrabarti, Chief Scientist, CLRI and Dr. Nikhil A Gokhale, Enago Academy, Mumbai.	20.07.2018 – 22.07.2018	200

A seminar on “How to write project proposal in International collaboration projects” Dr. C. Sivaji, senior scientist, Head, International Division, Department of Science and Technology (DST), Govt. of India, New Delhi.	2.10.2018	40
Onsite training Seminar on “Turnitin’s User Awareness Program & Similarity Check”. Mr. Akshay Prasanna, Customer Success Manager – Turnitin	20.11.2018	80
Introduction to Anveshan- Student Research Convention – 2019. Prof. T Harinarayana - Anveshan- Student Research Convention – 2019.	5.12.2018	25
One Day Workshop on Qualitative Writing of Sponsored Project Proposals. Dr.K. Gopalakrishnan, Dean (Research & Development)	4-01-2019	54
A one-day Workshop on “Data Analysis and Visualization Using R” -Dr. A. Azad, Registrar, Prof. T Harinarayana, Director and Dr. K. Prabhakar, Research Coordinator in the programme.	14.03.2019	25
Two Days workshop on “Data Analytics and Data Visualization using R K. Prabhkar, Dr. E. Syed Mohamed, Mr. R. Pari, Ms. B. Pushpa, and Ms. V. Jean Shilpa	21.02.2019 and 22.02.2019	30

8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration		Cost of the Project (in Lakhs)
CIIC & Life Sciences	Biotechnology Ignition Grant Scheme	Biotechnology Industry Research Assistance Council (BIRAC)	2018	3 Years	180.00
Life Sciences	SERB	Science and Engineering Research Board (SERB)	2019	3 Years	18.30
Chemistry	SERB	Science and Engineering Research Board (SERB)	2019	3 Years	18.30
CSE	SERB	Science and Engineering Research Board (SERB)	2019	3 Years	12.48
Chemistry	TNSCST	Tamil Nadu State Council for Science and Technology (TNSCST)	2019	2 Years	3.2

Commerce	TNSCST	Tamil Nadu State Council for Science and Technology (TNSCST)	2019	1 Year	1.8
ECE	TN-EDII	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2019	1 Year	10.00
Life Sciences	TN-EDII	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2019	1 Year	2.15
IT	TN-EDII	Government of Tamilnadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2018	1 Year	10.00
Aerospace Engineering	DRDO	The Ministry of Aeronautics R&D Board (DRDO)	2019	3 Years	9.79
Mechanical Engineering	TNSCST	Tamilnadu State Council For Science And Technology	2019	1 Year	0.08
Life Sciences	TNSCST	Tamilnadu State Council For Science And Technology	2019	1 Year	0.08
EEE	DRDO	Defence Research and Development organisation (DRDO)	2018	2 Years	9.80
Civil	SERB	Science and Engineering Research Board (SERB)	2018	3 Years	18.30
Life Sciences	DBT	Department of Biotechnology (DBT)	2018	1 Year	8.00
Civil	SERB	Science and Engineering Research Board (SERB)	2018	3 Years	49.50

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: **Yes**

*upload latest notification of formation of IQAC

ANNEXURE III

10. No. of IQAC meetings held during the year :
 IQAC meeting with External Members : 4
 IQAC meeting with Internal Members : 27

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website

Yes

(Please upload, minutes of meetings and action taken report)

<https://crescent.education/accreditation-ranking/iqac/>

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- Implementation of Supplementary Examination to facilitate the programme completed students with arrears for early completion of the programme.
- Offered Social Entrepreneurship course to all B.Tech. Students in collaboration with Wadhvani foundations
- Facilitated value added courses in Open source software in collaboration with IIT Bombay – Spoken Tutorial
- Automation of Academic and Administrative Activities through TCSiON.
- Creation of new class rooms, laboratories and parents waiting hall

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1. To develop and implement strategies to increase the intake of students during 2017-18. 1.1 Creating dynamic website for the department - highlighting the infrastructures, posting important events, best practices, etc. 1.2 Participation in education fair and distributing brochures containing full details such as affiliate faculty, alumni and placement record 1.3 Visiting Schools and Polytechnic Colleges - Organizing competitions, delivering motivational lectures, career guidance, etc. 1.4 Arranging Open-house exhibition at BSACIST and showcasing the infrastructure and strength 1.5 Through Alumni Connect and mailing brochures to alumni 1.6 Through digital media and newspaper advertisement focusing the strength of the Institution 1.7 Alumni / students interaction video in the department website 1.8 Promotional videos of the department/school in the department website 1.9 Visiting industries to promote PG admission	<ul style="list-style-type: none"> • Department of Civil Engineering, EIE, CSE, MCA and School of Life sciences have achieved the target with 100% with respect to admission strategy. • Department of Polymer, Mechanical, ECE, IT, Maths, Chemistry have achieved more than 70 % target. • Department of Aeronautical and Automobile Engineering have got average achievement of target. • As the Department of English and Economics & Sociology are not offering any individual programmes, the criterion is not fully applicable. • The Institution level achievement of admission related metrics is around 75%
2. Induct affiliate faculty from foreign universities and industry. 2.1 To identify a minimum of 20 affiliate faculty from abroad and industry The details of affiliate faculty to be posted in department website To invite affiliate faculty to conduct lecture/ classes to the students	<ul style="list-style-type: none"> • Department of EEE, MCA and School of Life sciences have achieved the target with 100% • Department of Polymer, Civil, EIE and IT have got more than 70 % target achievement. • Department of Mechanical, Aero, Auto, Maths, Physics, Chemistry and School of

	<p>Islamic Studies have achieved less than 50 % of target.</p> <ul style="list-style-type: none"> • The Institution level achievement in the Affiliate Faculty KPI is around 50%
<p>3. Fund generation to the tune of Rs.10 lakh per annum by each department through research, consultancy, funded project and joint/collaborative research with industries and foreign universities.</p> <p>3.1 Consultancy and Testing 3.2 Short term courses 3.3 Workshops 3.4 Conferences (National / International) 3.5 Faculty training programme 3.6 Organizing value added courses 3.7 Funded projects</p>	<ul style="list-style-type: none"> • Department of Civil and EEE generated the fund more than the given target. • Department of Physics, Chemistry, CSE and School of Life Science achieved the 100% target. • For the department of Aero, Automobile, Polymer, ECE, IT, Maths, English, Economics and Sociology the target achieved is less than 10% and needs improvement. • Department of Economics and Sociology is not offering any individual programmes, and could not generate more fund. • Although some departments performed exceedingly well, the Institution level average achievement in case of fund generation KPI is around 50%.
<p>4. To increase more number of quality research publications.</p> <p>4.1 Convert B.Tech project as research paper 4.2 Convert one year M.Tech project work into publications 4.3 Research Publication - One per Faculty per Year</p>	<ul style="list-style-type: none"> • Department of ECE, Life sciences, Civil & EIE achieved the target with 100% in terms of research publications. • Most of the departments achieved 70-100 % of the target in the calendar year 2018 except Aero and Auto Mobile department. • The Institution Average in the Research Publications criteria is around 70%.
<p>5. Enhancement of International Collaboration to facilitate semester abroad programme, faculty student exchange, student internship at foreign universities and Post Doctoral work for faculty.</p> <p>5.1 Semester abroad Programme 5.2 Faculty and Student exchange 5.3 Joint research and publications 5.4 Joint research proposals 5.5 For internship to students and Post Doctoral work for faculty</p>	<ul style="list-style-type: none"> • In this criterion the top achiever is School of Life Sciences with 100% achievement. • Department of ECE has above average achievement with 60% • All the other departments were observed with less than 50% achievement. • Performance of the Institution in terms of International Collaboration activities is less than 50% and needs improvement in the upcoming year.
<p>6. Prepare materials for online courses and encourage faculty and students to take up online courses.</p> <p>6.1 Encourage faculty and students to register courses through Coursera, MOOC, NPTEL, etc. 6.2 YouTube video lectures to be posted in the Department website 6.3 Preparation of course materials for posting under Coursera, NPTEL</p>	<ul style="list-style-type: none"> • Department of Aero and Civil Engineering obtained 100% achievement of target for this criterion in the calendar year 2018. • Department of Mechanical, MBA, EEE, ECE, EIE, IT, MCA, Chemistry and School of Life sciences have achieved the target with 70% success rate. • Department of Polymer, Automobile, Maths, Physics, English and Economics & Sociology have got less than 50 % in achievement of set target. • The Institution performance in the usage of MOOC courses and uploading of teaching material in the department website is around 60% which is really

	encouraging and promising.
7. Encourage research scholars from industries to handle classes to disseminate knowledge on recent trends in industry.	<ul style="list-style-type: none"> The departments viz. Automobile, Civil, EEE, ECE, IT, MCA and School of Life Sciences have achieved the target with 100% by offering one credit/ Partial delivery of courses by research Scholars. Other departments shall be encouraged to initiate this innovative practice in the year 2019.
8. Organize more number of Conferences/ seminars to enrich knowledge of students and faculty members.	<ul style="list-style-type: none"> Department of Aero, Automobile, Civil, CSE, ECE, EEE, MBA, MCA, IT, Economics and Sociology and School of Life Sciences conducted seminar/workshop/Conference in the calendar year 2018 with a target achievement of 100%. Holistic performance of the institution in organizing conferences /seminars is 60 % of set target.
9. Enhancement of industry institute interaction through students and faculty internship/project, industrial visits and consultancy and testing services to industry. 9.1 Internship for students 9.2 Training for Faculty 9.3 Inclusion as Members of Board of Studies 9.4 Student Project Work 9.5 Training Programme/upgradation of qualification to industry professionals 9.6 Industrial Visits 9.7 Consultancy and Testing services to Industry 9.8 Industry-Institute Meet	<ul style="list-style-type: none"> Department of CSE and School of Life Sciences have achieved the 100 % target followed by Department of Computer applications with 90% target achievement. Department of EIE and IT with 80% target achievement. Department of Polymer, Aero, Automobile and Civil Engineering have got average achievement of given target. Department of Economics and Sociology is not offering any individual programmes, and could not progress in this regard. On an average, the Institution achieved 60% of the target in terms of Industry Institute Interaction.
10. To connect and develop rapport with Alumni. 10.1 Identified one or two faculty to contact all alumni 10.2 Arrange open session with current students 10.3 Alumni current position, place, graduation year from BSACIST, video feedback, etc., posted at department website 10.4 Arrange guest lectures and motivational talks 10.5 Create Alumni directory 10.6 Portal to connect Facebook, Twitter and LinkedIn 10.7 Alumni videos in department website 10.8 Alumni meet of the department	<ul style="list-style-type: none"> In this criterion the top achievers are Department of ECE, EEE, CSE, MCA and School of Life Sciences. Most of the other departments achieved 50-90% target in terms of given Alumni Connect metrics in the year 2018. Department of Economics and Sociology is not offering any individual programmes and could not perform better as compared to other departments. Holistically 70% is the Institution's Target achievement.

14. Whether the AQAR was placed before statutory body? Yes /No: Yes

Name of the statutory body:

Date of meeting(s):

Internal Quality Assurance Cell	06.08.2019
Academic Council	17.09.2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

Yes/No: Yes

Committee	Date of Visit
NBA	22.02.2019 – 24.02.2019 & 15.06.2019
Pharmacy Council of India	19.03.2019
AICTE Central Committee	19.03.2019
Council of Architecture	27.03.2019 – 28.03.2019
Bar Council of India	22.06.2019

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2019

Date of Submission: 01.04.2019

17. Does the Institution have Management Information System?

Yes

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

The automation process for effectively handling the academic and administrative activities was implemented through TCS iON Solutions with effect from Dec 2017. iON Digital campus solution comprises a suite of offerings that supports academic and administrative process. The product provides flexibility to automate functions according to requirement. The various processes like Admission, Academics, Examination, Employee Management, Infrastructure Management, Transport Management, Hostel Management, Payroll management, library and Finance Management were taken into account for the automation process.

Part-B

CRITERION I – CURRICULAR ASPECTS		
1.1 Curriculum Design and Development		
1.1.1 Programmes for which syllabus revision was carried out during the Academic year		
Name of programme	Programme Code	Dates of revision
B.Tech. Civil Engineering	CE	29.08.18 and 06.03.2019
M.Tech. Construction Engineering & Project Management	CEPM	29.08.18 and 06.03.2019
M.Tech. Structural Engineering	SE	29.08.18 and 06.03.2019
B.Tech. Aeronautical Engineering	AE	29.08.18 and 06.03.2019
B.Tech. Mechanical Engineering	ME	29.08.18 and 06.03.2019
M.Tech. Manufacturing Engineering	MNE	29.08.18 and 06.03.2019
B.Tech. Automobile Engineering	AU	29.08.18 and 06.03.2019
B.Tech. Electrical & Electronics Engineering	EE	29.08.18 and 06.03.2019
B.Tech. Electronics & Communication Engineering	EC	29.08.18 and 06.03.2019
M.Tech. VLSI & Embedded Systems	VLSI	29.08.18 and 06.03.2019
B.Tech. Computer Science & Engineering	CS	29.08.18 and 06.03.2019
M.Tech Computer Science Engineering	CSEN	29.08.18 and 06.03.2019
B.Tech. Electronics & Instrumentation Engineering	EI	29.08.18 and 06.03.2019
B.Tech. Polymer Engineering	PE	29.08.18 and 06.03.2019
B.Tech. Information Technology	IT	29.08.18 and 06.03.2019
M.Tech. Information Technology	INTE	29.08.18 and 06.03.2019
B.Tech. BioTechnology	BT	29.08.18 and 06.03.2019
M.Tech. Biotechnology	BTE	29.08.18 and 06.03.2019
M.Sc. Biotechnology	MBT	29.08.18 and 06.03.2019
M.Sc. Microbiology	MCB	29.08.18 and 06.03.2019
B.Sc. Biotechnology	BBT	29.08.18 and 06.03.2019
MCA	MCA	29.08.18 and 06.03.2019
B.C.A.	BCA	29.08.18 and 06.03.2019
B.Sc. Computer Science	BCS	29.08.18 and 06.03.2019
B.Arch.	AR	29.08.18 and 06.03.2019

B.Des. (Interior Architecture)	DES	29.08.18 and 06.03.2019
B.Com. (General)	CGN	29.08.18 and 06.03.2019
B.Com (Accounts & Finance)	CAF	29.08.18 and 06.03.2019
BBA LLB (Hons)	BBL	29.08.18 and 06.03.2019
B.Com. LLB (Hons)	BCL	29.08.18 and 06.03.2019
B. Pharmacy	BP	-
B.A. Islamic Studies	BIS	29.08.18 and 06.03.2019
M.A. Islamic Studies	IST	29.08.18 and 06.03.2019
MBA	MBA	29.08.18 and 06.03.2019
BBA	BBA	-
M.Sc. Physics	PHS	29.08.18 and 06.03.2019
M.Sc. Chemistry	CHY	29.08.18 and 06.03.2019
M.Sc. Actuarial Science	AS	-
M.Sc Biochemistry and Molecular Biology	MBM	29.08.18 and 06.03.2019
M.Arch	ARCH	29.08.18 and 06.03.2019

1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Date of Introduction	Course with Code		Date of Introduction
		Course Code	Course Name	
M.Sc.Biochemistry & Molecular Biology	2018	GEC6202	Research Methodology	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSC6201	Immunology	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSC6202	Bioinformatics	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSC6203	Lab II (Immunology/ Bioinformatics)	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSC6241	Industrial Internship	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSC6242	Mini Project	29.08.2018
M.Sc.Biochemistry &	2018	LSC7142	Clinical Biochemistry	29.08.2018

Molecular Biology				
M.Sc.Biochemistry & Molecular Biology	2018	LSC7143	Genomics, Proteomics and Metabolomics	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSC7144	Lab III (Clinical Biochemistry /Omics)	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSC7141	Project Phase II	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY101	Biosafety, Bioethics, Bioentrepreneurship, Intellectual Property rights	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY104	Analytical Methods	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY201	Recombinant DNA Technology	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY203	Molecular Diagnostics	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY205	Biofuel and Bioenergy	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY111	Biopharmaceuticals	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY112	Molecular and immuno Diagnostics	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY113	Tissue and Antibody Engineering	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY114	Bio-nanotechnology	29.08.2018
M.Sc.Biochemistry & Molecular Biology	2018	LSCY115	Protein Engineering	29.08.2018
M.Arch	2018	ARCM1101	Architectural Reading- I	29.08.2018
M.Arch	2018	ARCM1102	Technical studies in practice	29.08.2018
M.Arch	2018	ARCM1103	Digital Representations	29.08.2018
M.Arch	2018	ARCB1104	Architectural Design Studio – I	29.08.2018
M.Arch	2018	ARCM1201	Architectural Reading- II	29.08.2018

M.Arch	2018	ARCM1202	Advanced Building services	29.08.2018
M.Arch	2018	ARCM12XX	Elective- I	29.08.2018
M.Arch	2018	ARCM1203	Performance & Building Evaluation	29.08.2018
M.Arch	2018	ARCM1205	Architectural Design Studio– II	29.08.2018
M.Arch	2018	ARCM2301	Architectural Reading- III	29.08.2018
M.Arch	2018	ARCM2302	Project Assessment& Management	29.08.2018
M.Arch	2018	ARCM2303	Research methodologies	29.08.2018
M.Arch	2018	ARCB2305	Architectural Design Studio – III	29.08.2018
M.Arch	2018	ARCM2401	Architectural Thesis	29.08.2018
M.Arch	2018	ARM1211	Lighting & Ventilation	29.08.2018
M.Arch	2018	ARM1213	New Age Materials & Techniques	29.08.2018
M.Arch	2018	ARM2111	Disaster resilient design	29.08.2018
M.Arch	2018	ARM2112	Urban Design	29.08.2018
M.Arch	2018	ARM2113	Energy Efficiency	29.08.2018
M.Sc Acturial Sciences	2011	MACY007	Econometric Methods and Actuarial practices	29.08.2018
M.Tech IT	2010	ITCY119	Big Data Analytics for IoT	29.08.2018
M.Tech IT	2010	ITCY118	Block Chain Architecture and Use Cases	29.08.2018
B.Tech IT	1999	ITCX113	TCP/IP Protocol Suite	29.08.2018
B.Tech IT	1999	ITCX224	Introduction to Industry 4.0 and Industrial IOT	29.08.2018
B.Tech IT	1999	ITCX132	Artificial Intelligence for Data Science	29.08.2018
B.Tech IT	1999	ITCX133	Block chain Technology	29.08.2018
B.Tech CSE	1990	CSBX52	Python programming	29.08.2018

M.Tech CSE	2001	CSCY112	Software Design and Architecture	29.08.2018
M.Tech Communication Systems	1994	ECCY035	Chaotronics	29.08.2018
M.Tech VLSI	2010	ECCY061	Testing of VLSI Circuits	29.08.2018
B.Tech Civil	1984	CEBX21	Sustainable Water and Sanitation for Smart Cities	29.08.2018
B.Tech Civil	1984	CEBX22	Smart Cities Planning and Development	29.08.2018
B.Tech Biotechnology	2014	MAC1182	Mathematics for biotechnology	29.08.2018
B.Tech Biotechnology	2014	ENC1181	English	29.08.2018
B.Tech Biotechnology	2014	ISC1181	Arabic	29.08.2018
B.Tech Biotechnology	2014	LNC1182	German	29.08.2018
B.Tech Biotechnology	2014	LNC1183	Japanese	29.08.2018
B.Tech Biotechnology	2014	BTC1101	Fundamentals in Biotechnology	29.08.2018
B.Tech Biotechnology	2014	BTC1102	Fundamentals in Biotechnology Laboratory	29.08.2018
B.Tech Biotechnology	2014	MAC1282	Biostatistics	29.08.2018
B.Tech biotechnology	2014	BTC1211	Biochemistry	29.08.2018
B.Tech Biotechnology	2014	BTC1212	Cell Biology	29.08.2018
B.Tech Biotechnology	2014	BTC1213	Microbiology	29.08.2018
B.Tech Biotechnology	2014	BTC1214	Biochemistry – Lab	29.08.2018
B.Tech Biotechnology	2014	BTC1215	Cell Biology– Lab	29.08.2018

B.Tech Biotechnology	2014	BTC1216	Microbiology – Lab	29.08.2018
B.Tech Biotechnology	2014	BTC2101	Enzyme Technology	29.08.2018
B.Tech Biotechnology	2014	BTC2102	Fundamentals of Chemical Engineering	29.08.2018
B.Tech Biotechnology	2014	BTC2103	Molecular Biology	29.08.2018
B.Tech Biotechnology	2014	BTC2104	Basic Bioanalytical Techniques	29.08.2018
B.Tech Biotechnology	2014	BTC2105	Molecular Biology – Lab	29.08.2018
B.Tech Biotechnology	2014	BTC2106	Enzyme Technology – Lab	29.08.2018
B.Tech Biotechnology	2014	BTC2107	Bioanalytical Techniques – Lab	29.08.2018
B.Tech Biotechnology	2014	BTC2211	Genetic Engineering	29.08.2018
B.Tech Biotechnology	2014	BTC2212	Immunotechnology	29.08.2018
B.Tech Biotechnology	2014	BTC2213	Chemical and Bio Thermodynamics	29.08.2018
B.Tech Biotechnology	2014	BTC2214	Plant and Animal Biotechnology	29.08.2018
B.Tech Biotechnology	2014	BTC2215	Genetic Engineering Lab	29.08.2018
B.Tech Biotechnology	2014	BTC2216	Immunology Lab	29.08.2018
B.Tech Biotechnology	2014	BTC2217	Animal and Plant cell culture Lab	29.08.2018
B.Tech Biotechnology	2014	ENC3181	Communication & soft skill I	29.08.2018
B.Tech Biotechnology	2014	BTC3101	Protein Engineering	29.08.2018
B.Tech Biotechnology	2014	BTC3107	Chemical Reaction Engineering Lab	29.08.2018
B.Tech	2014	BTC3109	Protein Engineering Lab	29.08.2018

Biotechnology				
B.Tech Biotechnology	2014	BTC3211	Structural Biology	29.08.2018
B.Tech Biotechnology	2014	BTC3212	Bioprocess Engineering	29.08.2018
B.Tech Biotechnology	2014	BTC3213	Bioinformatics	29.08.2018
B.Tech Biotechnology	2014	BTC3214	Bioprocess Lab	29.08.2018
B.Tech Biotechnology	2014	BTC3102	Bioinformatics- Lab	29.08.2018
B.Tech Biotechnology	2014	BTC4101	Bioreactor Design and Analysis	29.08.2018
B.Tech Biotechnology	2014	BTC4102	Fermentation Technology	29.08.2018
B.Tech Biotechnology	2014	BTC4103	Nano Biotechnology	29.08.2018
B.Tech Biotechnology	2014	BTC4104	Fermentation- Lab	29.08.2018
B.Tech Biotechnology	2014	BTC4105	Bioreactor Design and Drawing laboratory	29.08.2018
B.Tech Biotechnology	2014	BTCX01	Biophysics	29.08.2018
B.Tech Biotechnology	2014	BTCX02	Industrial Biotechnology	29.08.2018
B.Tech Biotechnology	2014	BTCX03	Bio-Organic Chemistry	29.08.2018
B.Tech Biotechnology	2014	BTCX04	Molecular Pathology	29.08.2018
B.Tech Biotechnology	2014	BTCX05	Food Biotechnology	29.08.2018
B.Tech Biotechnology	2014	BTCX06	Cancer Biology	29.08.2018
B.Tech Biotechnology	2014	BTCX07	Tissue Engineering	29.08.2018
B.Tech Biotechnology	2014	BTCX08	Developmental Biology	29.08.2018

B.Tech Biotechnology	2014	BTCX09	Bioseparation Technology	29.08.2018
B.Tech Biotechnology	2014	BTCX10	Proteomics & Genomics	29.08.2018
B.Tech Biotechnology	2014	BTCX11	Biomedical Instrumentation	29.08.2018
B.Tech Biotechnology	2014	BTCX12	Pharmaceutical Biotechnology	29.08.2018
B.Tech Biotechnology	2014	BTCX13	Medical Biotechnology	29.08.2018
B.Tech Biotechnology	2014	BTCX14	Drug Design and Development	29.08.2018
B.Tech Biotechnology	2014	BTCX15	Intellectual Property Rights	29.08.2018
B.Tech Biotechnology	2014	BTCX16	Recombinant DNA Technology	29.08.2018
B.Tech Biotechnology	2014	BTCX17	Material science	29.08.2018
B.Tech Biotechnology	2014	BTCX18	Molecular & Cellular Diagnostics	29.08.2018
B.Tech Biotechnology	2014	BTCX19	Biomedical Engineering	29.08.2018
B.Tech Biotechnology	2014	BTCX20	Biosafety and Bioethics	29.08.2018
B.Tech Biotechnology	2014	BTCX21	Healthcare Biotechnology	29.08.2018
B.Tech Biotechnology	2014	BTCX22	Molecular Farming	29.08.2018
B.Tech Biotechnology	2014	BTCX23	Stem Cells in Health Care	29.08.2018
B.Tech Biotechnology	2014	BTCX24	Transport phenomena in Bioprocess	29.08.2018

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme/Course	Date of introduction
M. Sc Biochemistry and Molecular Biology	July 2018
M. Arch	July 2018

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
B.Tech. Civil Engineering	UG		2009	UG	
B.Tech. Aeronautical Engineering	UG		2010	UG	
B.Tech. Automobile Engineering	UG		2011	UG	
B.Tech. Mechanical Engineering	UG		2009	UG	
B.Tech. Polymer Engineering	UG		2009	UG	
B.Tech. Electrical and Electronics Engineering	UG		2009	UG	
B.Tech. Electronics and Communication Engineering	UG		2009	UG	
B.Tech. Electronics and Instrumentation Engineering	UG		2009	UG	
B.Tech. Computer Science and Engineering	UG		2009	UG	
B.Tech. Information Technology	UG		2009	UG	
B.Tech. Biotechnology	UG		2014	UG	
B.Sc. Biotechnology	UG		2017	UG	
BCA	UG		2016	UG	
B.Sc Computer Science	UG		2016	UG	
B.Arch	UG		2010	UG	
B.Des	UG		2017	UG	
B.A.Islamic Studies	UG		2010	UG	
B.Com (A&F)	UG		2017	UG	
B.Com (General)	UG		2017	UG	

B.B.A Financial Services	UG		2017	UG	
B.Pharm	UG		2017	UG	
BBA.LL.B (Hons.)	UG		2017	UG	
B.COM LL.B (Hons.)	UG		2017	UG	
M.Tech Structural Engineering		PG	2009		PG
M.Tech Construction Engineering and Project Management		PG	2010		PG
M.Tech. Manufacturing		PG	2009		PG
M.Tech. Computer Science and Engineering		PG	2009		PG
M.Tech Information Technology		PG	2009		PG
M.C.A.		PG	2009		PG
M.Sc. Actuarial Science		PG	2011		PG
M.Sc. Physics		PG	2014		PG
M.Sc Chemistry		PG	2010		PG
M.Sc Biotechnology		PG	2013		PG
M.Sc Microbiology		PG	2013		PG
M.Tech. Biotechnology		PG	2013		PG
MBA		PG	2009		PG
M.Tech Communication Systems		PG	2013		PG
M.A. Islamic Studies		PG	2016		PG
M.Sc.Biochemistry & Molecular Biology		PG	2018		PG
M.Arch		PG	2018		PG
1.3 Curriculum Enrichment					
1.3.1 Value-added courses imparting transferable and life skills offered during the year					
Value added courses		Date of introduction		Number of students enrolled	
FINISHES IN VENEER		2018		43	

PARAMETRIC ARCHITECTURE	2018	144
HANDS ON CEMENT WORKSHOP	2018	30
3D LIGHTING SOFTWARE WORKSHOP	2018	71
JOINT STUDIO PROGRAMME	2019	32
3D LIVE SCULPTURE & FURNITURE WORKSHOP	2019	43
DIGITAL TOOLS FOR REPRESENTATION	2018	17
ADVANCED BUILDING SERVICES	2018	17
SOFT SKILL DEVELOPMENT - I	2018	93
SOFT SKILL DEVELOPMENT - II	2018	93
REVIT ARCHITECTURE TRAINING PROGRAMME	2018	21
ETABS TRAINING PROGRAMME	2019	10
SMART & SUSTAINABLE GREEN INFRASTRUCTURE	2019	60
BRIDGE DESIGN, FABRICATION & TESTING	2018	46
COSTX SOFTWARE TRAINING	2019	9
BUSINESS ENGLISH CERTIFICATE COURSE (PRELIMINARY LEVEL)	2019	812
QCAD	2019	12
AUTOMOTIVE EMBEDDED SYSTEMS	2019	19
CERTIFICATION COURSE ON LAB VIEW	2019	15
BOSS LINUX	2019	3
LATEX	2019	13
NGSPICE	2019	15
HANDS ON TRAINING TO DEVELOP A SATELLITE	2019	20
ENTREPRENEURSHIP AWARENESS IN INFORMATION & COMMUNICATION 23	2018	54
ARDUINO	2019	59
SCILAB	2019	37
PYTHON	2019	416
ANDROID APPLICATION DEVELOPMENT	2018	111
C AND CPP	2019	317

MONGO DB FOR JAVA DEVELOPERS	2018	25
ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND DEEP LEARNING	2019	46
C AND C++	2018	24
CATIA	2018	15
NX CAD	2018	5
ATP (ADVANCE TRAINING SERVICES)	2019	16
STUDENT PILOT LICENSE	2019	40
FOOD TECHNOLOGY	2019	56
COMPUTATIONAL BIOLOGY	2019	76
COMMUNICATION SKILL	2019	47
ANALYTICAL TECHNIQUES FOR RESEARCH IN CHEMISTRY	2019	19
HANDS ON EXPERIENCE ON SYNTHESIS AND CHARACTERISATION OF MATERIALS	2019	19
SHAPE 2019	2019	72
MULTIMEDIA AND ITS APPLICATIONS	2018	39
SOFT SKILLS SESSION	2018	116
CLOUD COMPUTING	2019	19
PYTHON FOR MACHINE LEARNING	2019	40
ARTIFICIAL INTELLIGENCE- MACHINE LEARNING & SOFTSKILLS	2018	135
DEVELOPMENT OF APPLICATIONS USING JAVA	2018	39
ETHICAL HACKING.	2018	189
CERTIFICATE IN FUNCTIONAL ARABIC	2019	52
CA- CPT	2018	21
PERL	2019	40
PHP &SQL	2019	39
LIBREOFFICE SUITE BASE	2019	10
LIBREOFFICE SUITE IMPRESS	2019	14
JOOMLA	2019	44
PHP AND MYSQL	2019	13

TRAINING ON MS WORD, AND EXCEL	2019	318
ENTREPRENEURSHIP	2019	110
ADVANCED EXCEL	2019	123
TRAINING ON MS WORD, EXCEL AND POWER POINT PRESENTATION	2019	183
COMMUNICATION SKILLS	2019	76

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
B. Tech. Aeronautical Engineering	44
B.Arch	329
B.Des (Interior Architecture)	84
B.Tech. Automobile Engineering	101
MCA	105
B.Tech. Civil Engineering	297
M.Tech. CEPM	33
M.Tech. Structural Engineering	27
B.Tech. CSE	261
B.Tech. ECE	253
M.Tech. VLSI&ES	5
B.Tech. EEE	88
M.Tech. IT	1
B.Tech. EIE	90
B.Tech. IT	122
M.Sc. Actuarial Science	8
MBA	120
B.Tech. Mechanical	526
M.Sc. Physics	37
M.Sc Chemistry	45
B.Tech. Polymer	60
B.Com. (General)	528

B.Com. (A&F)	157
BBA	116
B.Tech. Biotechnology	229
B.Sc. Biotech	84
B.Sc.Computer Science	123
BCA	450
BBA LLB (Hons) and B.Com. LLB (Hons)	50
B.Tech (All branches) - I year	650
BA Islamic Studies	128
B Pharm	115

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

The Institution follows structured feedback mechanism. The feedback is received from stakeholders in 14 different formats/avenues/forums. Viz.

Students feedback (during the period of study in all the courses): Level I : about the teacher & Level II :about the course ;

- Class committee meetings ;
- Feedback from outgoing students ;
- Feedback from Parents ;
- Feedback from faculty members about Regulations and Curriculum;
- Feedback from Expert members of various statutory bodies of the Institution;
- Alumni Feedback ;
- Feedback from Employers during Placement campaign;
- Feedback from students; faculty and research scholars ;
- Feedback directly received by Vice Chancellor through unique e mail id vcdesk@creseent.education; Administrative audit on departments / schools / divisions / estate office etc;
- Online feedback mechanism;
- Feedback on Campus facilities (exclusive Whatsapp group);
- Feedback from Competent Statutory Authorities (UGC; NBA; NAAC etc.)

The feedback mainly emphasis on Academic and Administrative Perspective

➤ **Academic Areas of Concern**

Academic related feedback is received from students, faculty and other stakeholders are collated department wise and accordingly taken care off during major revision of curriculum & syllabus; modification / revision of syllabus of courses; improving infrastructure facilities; offering value added courses; introduction of skill based elective courses etc **(twice in a year basis)**.

- The Office of Dean, Academic Affairs takes care of curriculum frame related and regulations related feedbacks and accordingly bring changes in curricular frame (during major revision); bring

amendments in the regulations **(twice in a year basis)**.

- Important amendments require immediate attention are solved on need basis **(within 10 days)** after getting approval from Vice Chancellor. Later these items will be presented before statutory bodies for approval / ratification.

Academic related matters are approved / ratified in the IQAC, PMB and Academic Council based on nature.

The Administrative areas of concern are:

- ✓ The administrative grievances are classified in to various categories viz. on need basis; time bound basis and execution after consent from Planning & Monitoring Board & Board of Management.
- ✓ Emergency & Need based works are completed within a time frame of one week.
- ✓ Time bound activities are completed within a time frame of 1 - 3 months.

The Administration related matters are approved / ratified in the PMB, Academic Council and Board of Management based on the nature of feedback.

CRITERION II -TEACHING-LEARNING AND EVALUATION			
2.1 Student Enrolment and Profile			
2.1. 1 Demand Ratio during the year			
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B.Tech. Civil Engineering	120	257	39
B.Tech. Mechanical Engineering	180	1012	111
B.Tech. Automobile Engineering	60	277	29
B.Tech. Aeronautical Engineering	30	348	29
B.Tech. Polymer Engineering	30	96	12
B.Tech. Electrical and Electronics Engineering	30	262	25
B.Tech. Electronics and Communication Engineering	120	690	98
B.Tech. Electronics and Instrumentation Engineering	30	102	16
B.Tech. Computer Science and Engineering	180	1592	173
B.Tech. Information Technology	60	393	56
B.Tech. Biotechnology	120	510	45
B.Arch.	80	745	62
B.Des	60	376	36
B.Pharm	60	704	60
BBA. LLB	60	389	59
B.Com. LLB	60	231	18
BCA	240	934	172
B.Sc. (Computer Science)	60	513	78
B.Sc.(Biotech)	30	365	62
B.Com. (General)	180	1615	332
B.Com. (Accounts and Finance)	60	575	115
BBA (Financial Services)	60	422	68
BA (Islamic studies)	45	230	64
M.Tech Structural Engineering	18	117	16
M.Tech Construction Engineering and Project Management	18	75	13
M. Tech. CAD-CAM	18	32	7
M.Tech. Computer Science and Engineering	18	50	5
M.Tech Information Technology	18	17	2
M.Tech. VLSI & Embedded Systems	18	33	4
M.Tech. Biotechnology	18	55	6
MBA	120	773	122
M.C.A.	120	352	84
M.Sc. Actuarial Science	14	149	28
M.Sc. Physics	14	166	31
M.Sc Chemistry	14	169	29
M.Sc Biotechnology	14	102	15
M.Sc Bio-Chemistry & Molecular Biology	14	41	9
M.Sc Microbiology	14	112	22
M.A. Islamic Studies	14	42	5
M.Arch.	20	65	6
2.2 Catering to Student Diversity			
2.2.1. Student - Full time teacher ratio (current year data)			

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018 - 2019	5423	763	314	25	78

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
417	417	Smart Classrooms LCD Propulsion Lab Animation Social media Projectors SPSS software Multimedia Language Laboratory 70 networked systems Globerena Podcasts Smart Board Online Assignment using Acadly&class marker PPT Scanners Microphones	156	47	NPTEL and youtube videos Online Assignment using Acadly class marker MOODLE Online test Python Tutorial MANETS Coursera Lectures Buzzers connected to arduino Service Oriented Architecture Lectures

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes

Students Mentoring System

B.S. Abdur Rahman Crescent Institute of Science and Technology provides holistic mentoring system for the betterment of students. The mentoring system takes care of in-house academic development, solution to personal problems, opportunity for career advancement, motivation towards innovation, etc. The following members are involved in the mentoring of the students:

Class advisor

- A faculty member is nominated by the Head of the Department to act as Class advisor.
- Class advisor maintains the record of details such as attendance, academic performance, curricular and co-curricular activities, individual counseling, interaction with parent etc. of students throughout their period of study in a systematic way in the "History Card".
- Class advisor develops a cordial relationship with students of the class and play an important role in motivating potential students, identifying weak students and arrange for counseling, taking forward academic, personal, career related requirements of students to the Head of the department.
- Also helps the students for registration of courses and enrollment in every semester.

- However, for the first semester alone, the class advisor and faculty advisors are nominated by first year coordinator.

Faculty Advisor

- The Head of the Department nominates one faculty for every 20 students to act as Faculty Advisor.
- Faculty advisor monitors the overall progress of students under their control and offer personal counseling to the students.
- In addition to academic matters, personal issues which hinder the academic growth of student will be identified by the faculty advisor.
- If required, meeting of the student with the Professional Counselor is arranged in coordination with class advisor.

Course Teacher

- For both theory and laboratory courses, course teacher provides necessary teaching material.
- In theory course, lecture notes in the form of hand written notes / printed notes / soft copy in the form of PDF is issued to the students in addition to effective teaching using modern teaching aids.
- In laboratory course, course teacher offers personal care in explaining concepts behind the experiments by citing industrial application areas

Head of the Department & Dean of School

- The HOD and Dean of School monitor the academic activities happening in the department, ensure proper functioning of various levels of mentoring offered to the students and mentoring support systems.
- Based on the need, they counsel / advice / motivate the students individually / collectively for improved academic performance and achievements.
- They also co-ordinate with higher officials of University and parents in helping / solving student related problems, when need arises.

Professional Counselor

- The institution has appointed professional counselor to offer counseling to the needy students.
- The Class Advisor / Faculty Advisor and the Head of the Department appraise the issue of the students to the professional counselor and recommend counseling.
- If required, parent of the student is called for appraisal of the problems faced by their ward and suitable remedial measures are suggested.

Apart from the above individuals, Students Grievance Redressal Cell is also formed through which complaints received from students are discussed and resolved.

Students Grievance Redressal Cell

- ❖ Students' Grievance Redressal Cell with necessary infrastructure facilities, headed by a Senior Professor as a nodal officer is fully functional in the institution.
- ❖ Students with any grievance are encouraged to contact the Nodal Officer in person or drop a letter in the Grievance Box or submit the grievance online through email to **students_grievance@crescent.education**.

❖ The received grievance is redressed as early as possible, based on the nature of the issue.				
Number of students enrolled in the institution		Number of fulltime teachers		Mentor: Mentee Ratio
6186		417		14.83
2.4 Teacher Profile and Quality				
2.4.1 Number of full time teachers appointed during the year				
No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
417	417	-	51	202
2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)				
Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies	
2018	Dr. T.R. Tamilarasan	Associate Professor	Reviewer Recognition by Elsevier, Netherlands	
2018	Dr. N.Ayyanathan	Associate Professor	Reviewer Recognition award from Elsevier publication Technical Committee Member for international conference	
2018	Dr.R.Raja Prabu	Senior Professor	Best International Collaborator Award, Purdue University, USA	
2018	Dr.M.S.Haji Sheik Mohammed	Professor	Executive Committee (EC) member, Indian Concrete Institute (ICI) - Chennai Centre National Association of Corrosion Engineers (NACE) - Life Membership Card	
2019	Dr. P. Vasanthi	Professor	SWE Affiliate, Society of Women Engineers (SWE), India Member of Indian Concrete Insitute	
2019	Dr. V. S. Priya	Associate Professor	SWE Affiliate, Society of Women Engineers (SWE), India	
2019	Mr. B. Kannadasan	Assistant	Top second learner - taken most number of NPTEL online	

		Professor	exams
2018	Ms.V. Roopa	Assistant Professor	TARE
2018	Dr.J.Revathy	Professor	Member of Indian Concrete Insitute
2018	Dr. P. Gaja Lakshmi	Associate Professor	Member of Indian Concrete Insitute
2018	Dr. K. Yogeswari	Associate Professor	Member of Indian Concrete Insitute
2018	Dr. A. K. Kaliluthin	Assistant Professor (Selection Grade)	Member of Indian Concrete Insitute
2019	Mrs. Sharon Priya	Assistant Professor (Senior Grade)	Appreciation - IIT Spoken Tutorial
2019	Mr. S. Karthikeyan	Assistant Professor	The Institution of Engineers (India)
2019	Dr. S. Kaja Mohideen	Senior Professor	Fellow of Institution of Engineers (India) - FIE Fellow of Institution of Electronics & Telecomn. Engineers - FIETE Life Member of Indian Society for Technical Education - ISTE
2018	Dr.G.Kannan	Associate Professor	CLAD Certification by National Instruments ,USA
2019	Ms.Indira Gandhi	Assistant Professor (Senior Grade)	CLAD Certification by National Instruments ,USA
2018	Dr. L. Shakeera	Assistant Professor (Selection Grade)	Certificate of Appreciation for serving as Reviewer of "Concurrency and Computation: Practice and Experience" Wiley Publications
2018	Ms.R. Priyadarshini	Assistant Professor (Senior Grade)	Certificate of Appreciation for serving as Reviewer of IJMER

2019	Dr.M.Basheer Ahamed	Professor	Elsevier Reviewer Award
2018	Dr. P.S. Syed Masood	Professor	Sadakathullah Appa Literary Award given by Seethakathi Trust, Chennai
2018	Dr.Asha Jhonsi	Assistant Professor	TARE
2018	Dr Ashok K Pandurangan	Associate Professor	TARE
2018	Dr. H. Sofia	Associate Professor	Member of English Language Teachers' Association of India
2019	Dr. Md. Sahidul Islam	Assistant Professor	Member of International Multidisciplinary Research Foundation
2018	Dr. G. Kavitha	Associate Professor	Member of The Indian Society for Technical Education
2018	Ms. P. Latchoumy	Assistant Professor (Selection Grade)	Member of The Indian Society for Technical Education
2018	Dr. N. Prakash	Associate Professor	Member of The Indian Society for Technical Education

2.5 Evaluation Process and Reforms

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
B Tech-Aeronautical Engineering	AE	8	21-May-19	1-Jun-19
B Tech-Aeronautical Engineering	AE	2	21-May-19	1-Jun-19
B Tech-Aeronautical Engineering	AE	4	21-May-19	1-Jun-19
B Tech-Aeronautical Engineering	AE	6	21-May-19	1-Jun-19
B Tech-Automobile Engineering	AU	4	21-May-19	1-Jun-19

B Tech-Automobile Engineering	AU	6	21-May-19	1-Jun-19
B Tech-Automobile Engineering	AU	8	21-May-19	1-Jun-19
B Tech-Automobile Engineering	AU	2	21-May-19	1-Jun-19
B Tech-Civil Engineering	CE	2	21-May-19	1-Jun-19
B Tech-Civil Engineering	CE	4	21-May-19	1-Jun-19
B Tech-Civil Engineering	CE	6	21-May-19	1-Jun-19
B Tech-Civil Engineering	CE	8	21-May-19	1-Jun-19
B Tech- Computer Science & Engineering	CS	2	21-May-19	1-Jun-19
B Tech- Computer Science & Engineering	CS	4	21-May-19	1-Jun-19
B Tech- Computer Science & Engineering	CS	6	21-May-19	1-Jun-19
B Tech- Electronics & Communication Engineering	EC	2	21-May-19	1-Jun-19
B Tech- Electronics & Communication Engineering	EC	4	21-May-19	1-Jun-19
B Tech- Electronics & Communication Engineering	EC	6	21-May-19	1-Jun-19
B Tech- Electronics & Communication Engineering	EC	8	21-May-19	1-Jun-19
B Tech-Electrical & Electronics Engineering	EE	2	21-May-19	1-Jun-19
B Tech-Electrical & Electronics Engineering	EE	4	21-May-19	1-Jun-19

B Tech-Electrical & Electronics Engineering	EE	8	21-May-19	1-Jun-19
B Tech-Electronics & Instrumentation Engineering	EI	2	21-May-19	1-Jun-19
B Tech-Electronics & Instrumentation Engineering	EI	4	21-May-19	1-Jun-19
B Tech-Electronics & Instrumentation Engineering	EI	8	21-May-19	1-Jun-19
B Tech - Information Technology	IT	2	21-May-19	1-Jun-19
B Tech - Information Technology	IT	4	21-May-19	1-Jun-19
B Tech-Mechanical Engineering	ME	4	21-May-19	1-Jun-19
B Tech-Mechanical Engineering	ME	6	21-May-19	1-Jun-19
B Tech-Mechanical Engineering	ME	8	21-May-19	1-Jun-19
B Tech-Mechanical Engineering	ME	2	21-May-19	1-Jun-19
B Tech-Polymer Engineering	PE	2	21-May-19	1-Jun-19
B Tech-Polymer Engineering	PE	4	21-May-19	1-Jun-19
B Tech-Polymer Engineering	PE	6	21-May-19	1-Jun-19
B Tech-Polymer Engineering	PE	8	21-May-19	1-Jun-19
B Tech- Electronics & Instrumentation Engineering	EI	2	21-May-19	1-Jun-19
B Tech- Electronics & Instrumentation Engineering	EI	6	21-May-19	1-Jun-19

B Tech- Electronics & Instrumentation Engineering	EI	8	21-May-19	1-Jun-19
BBA	BBA	2	21-May-19	1-Jun-19
B Tech- BioTechnology	BT	8	21-May-19	1-Jun-19
B Tech- BioTechnology	BT	2	21-May-19	1-Jun-19
B Tech- BioTechnology	BT	4	21-May-19	1-Jun-19
B Tech- BioTechnology	BT	6	21-May-19	1-Jun-19
BCA	BCA	2	21-May-19	1-Jun-19
BA-Islamic Studies	BIS	6	21-May-19	1-Jun-19
BA-Islamic Studies	BIS	2	21-May-19	1-Jun-19
BA-Islamic Studies	BIS	4	21-May-19	1-Jun-19
B.Sc. Computer Science	BCS	4	21-May-19	1-Jun-19
B.Sc. Computer Science	BCS	2	21-May-19	1-Jun-19
BARCH	AR	6	21-May-19	1-Jun-19
BARCH	AR	10	21-May-19	1-Jun-19
BARCH	AR	2	21-May-19	1-Jun-19
BARCH	AR	4	21-May-19	1-Jun-19

BARCH	AR	6	21-May-19	1-Jun-19
BARCH	AR	8	21-May-19	1-Jun-19
BBA LLB	BBL	2	21-May-19	1-Jun-19
B.COM ACCOUNTS & FINANCE	CAF	2	21-May-19	1-Jun-19
B.COM GENERAL	CGN	4	21-May-19	1-Jun-19
B.DES	DES	6	21-May-19	1-Jun-19
B.Sc - Biotechnology	BBT	2	21-May-19	1-Jun-19
B Tech- Aeronautical Engineering	AE	2	21-May-19	1-Jun-19
B Tech- Aeronautical Engineering	AE	8	21-May-19	1-Jun-19
B Tech- Aeronautical Engineering	AE	4	21-May-19	1-Jun-19
B Tech- Automobile Engineering	AU	4	21-May-19	1-Jun-19
B Tech- Civil Engineering	CE	4	21-May-19	1-Jun-19
B Tech- Electronics & Communication Engineering	EC	2	21-May-19	1-Jun-19
B Tech- Electronics & Communication Engineering	EC	4	21-May-19	1-Jun-19
B Tech-Mechanical Engineering	ME	2	21-May-19	1-Jun-19
B Tech-Mechanical Engineering	ME	4	21-May-19	1-Jun-19

B Tech-Mechanical Engineering	ME	8	21-May-19	1-Jun-19
B Tech- BioTechnology	BT	2	21-May-19	1-Jun-19
B Tech- Electrical & Electronics Engineering	EE	2	21-May-19	1-Jun-19
B Tech- Electrical & Electronics Engineering	EE	4	21-May-19	1-Jun-19
B Tech- Information Technology	IT	4	21-May-19	1-Jun-19
B Tech- Computer Science & Engineering	CS	4	21-May-19	1-Jun-19
B Tech-Polymer Engineering	PE	4	21-May-19	1-Jun-19
M.Tech. VLSI & Embedded Systems	VLSI	2	21-May-19	1-Jun-19
M.Tech Biotechnology	BTE	2	21-May-19	1-Jun-19
M.Tech Biotechnology	BTE	4	21-May-19	1-Jun-19
M.Tech CAD/CAM	CADM	2	21-May-19	1-Jun-19
M.Tech. Computer Science Engineering	CSEN	4	21-May-19	1-Jun-19
M.Tech. Computer Science Engineering	CSEN	2	21-May-19	1-Jun-19
M.Tech. Information Technology	INTE	2	21-May-19	1-Jun-19
M.Sc. Actuarial Science	AS	2	21-May-19	1-Jun-19
M.Sc. Actuarial Science	AS	4	21-May-19	1-Jun-19

MCA	MCA	2	21-May-19	1-Jun-19
M.Tech CAD/CAM	CADM	2	21-May-19	1-Jun-19
M.Tech. Construction Engineering & Project Management	CEPM	2	21-May-19	1-Jun-19
M.Sc. Chemistry	CHY	2	21-May-19	1-Jun-19
M.Sc. Chemistry	CHY	4	21-May-19	1-Jun-19
M.Tech. Communication Engineering	CSY	2	21-May-19	1-Jun-19
M.Tech. Computer Science Engineering	CSEN	2	21-May-19	1-Jun-19
M.Tech. Electronics & Instrumentation Engineering	EINE	2	21-May-19	1-Jun-19
M.Tech. Information Technology	INTE	2	21-May-19	1-Jun-19
M.Tech. Manufacturing Engineering	MNE	2	21-May-19	1-Jun-19
M.Sc. Microbiology	MCB	2	21-May-19	1-Jun-19
M.Sc. Molecular Biology	MBM	2	21-May-19	1-Jun-19
M.Sc. Physics	PHS	4	21-May-19	1-Jun-19
M.Sc. Physics	PHS	2	21-May-19	1-Jun-19
M.Tech. Power Systems Engineering	PSE	2	21-May-19	1-Jun-19
M.Tech. Structural Engineering	SE	2	21-May-19	1-Jun-19

M.Tech. VLSI & Embedded Systems	VLSI	2	21-May-19	1-Jun-19
B Tech- Electronics & Communication Engineering	EC	1	19-Dec-18	26-Dec-18
B Tech- Electronics & Communication Engineering	EC	3	19-Dec-18	26-Dec-18
B Tech- Electronics & Communication Engineering	EC	5	19-Dec-18	26-Dec-18
B Tech- Electronics & Communication Engineering	EC	7	19-Dec-18	26-Dec-18
B Tech-Aeronautical Engineering	AE	3	19-Dec-18	26-Dec-18
B Tech-Aeronautical Engineering	AE	5	19-Dec-18	26-Dec-18
B Tech-Aeronautical Engineering	AE	7	19-Dec-18	26-Dec-18
B Tech-Electronics & Instrumentation Engineering	EI	3	19-Dec-18	26-Dec-18
B Tech-Electronics & Instrumentation Engineering	EI	5	19-Dec-18	26-Dec-18
B Tech-Electrical & Electronics Engineering	EE	3	19-Dec-18	26-Dec-18
B Tech-Electrical & Electronics Engineering	EE	5	19-Dec-18	26-Dec-18
B Tech-Mechanical Engineering	ME	3	19-Dec-18	26-Dec-18
B Tech-Mechanical Engineering	ME	5	19-Dec-18	26-Dec-18
B Tech - Information Technology	IT	5	19-Dec-18	26-Dec-18
B Tech-Polymer Engineering	PE	3	19-Dec-18	26-Dec-18

B Tech - Information Technology	IT	7	19-Dec-18	26-Dec-18
B Tech-Electronics & Instrumentation Engineering	EI	7	19-Dec-18	26-Dec-18
B Tech-Electrical & Electronics Engineering	EE	7	19-Dec-18	26-Dec-18
B Tech-Mechanical Engineering	ME	7	19-Dec-18	26-Dec-18
B Tech-Polymer Engineering	PE	5	19-Dec-18	26-Dec-18
B Tech-Polymer Engineering	PE	7	19-Dec-18	26-Dec-18
B Tech-Civil Engineering	CE	3	19-Dec-18	26-Dec-18
B Tech-Civil Engineering	CE	5	19-Dec-18	26-Dec-18
B Tech-Civil Engineering	CE	7	19-Dec-18	26-Dec-18
B Tech-Mechanical Engineering	ME	1	19-Dec-18	26-Dec-18
B Tech - Information Technology	IT	1	19-Dec-18	26-Dec-18
B Tech-Mechanical Engineering	ME	9	19-Dec-18	26-Dec-18
B Tech- Computer Science & Engineering	CS	1	19-Dec-18	26-Dec-18
BARCH	ARC	9	19-Dec-18	26-Dec-18
BARCH	ARC	1	19-Dec-18	26-Dec-18
BARCH	ARC	3	19-Dec-18	26-Dec-18

BARCH	ARC	5	19-Dec-18	26-Dec-18
BARCH	ARC	7	19-Dec-18	26-Dec-18
MCA	MCA	1	19-Dec-18	26-Dec-18
BA-Islamic Studies	BIS	1	19-Dec-18	26-Dec-18
MCA	MCA	5	19-Dec-18	26-Dec-18
BA-Islamic Studies	BIS	3	19-Dec-18	26-Dec-18
BA-Islamic Studies	BIS	5	19-Dec-18	26-Dec-18
B Tech-Automobile Engineering	AU	3	19-Dec-18	26-Dec-18
B Tech-Automobile Engineering	AU	5	19-Dec-18	26-Dec-18
B Tech-Automobile Engineering	AU	7	19-Dec-18	26-Dec-18
M.Tech CAD/CAM	CADM	1	19-Dec-18	26-Dec-18
M.Tech CAD/CAM	CADM	3	19-Dec-18	26-Dec-18
MBA	MBA	1	19-Dec-18	26-Dec-18
M.Tech. Structural Engineering	SE	1	19-Dec-18	26-Dec-18
M.Tech. Construction Engineering & Project Management	CEPM	3	19-Dec-18	26-Dec-18
M.Tech. Manufacturing Engineering	MNE	1	19-Dec-18	26-Dec-18

M Tech-M Tech-FG	MNE	3	19-Dec-18	26-Dec-18
M.Tech. VLSI & Embedded Systems	VLSI	1	19-Dec-18	26-Dec-18
M Tech-VLSI	VLSI	3	19-Dec-18	26-Dec-18
MBA	MBA	3	19-Dec-18	26-Dec-18
M.Tech. Structural Engineering	SE	3	19-Dec-18	26-Dec-18
M.Tech. Information Technology	INTE	1	19-Dec-18	26-Dec-18
M.Tech. Information Technology	INTE	3	19-Dec-18	26-Dec-18
M Tech-Power Electronic Drives	PED	1	19-Dec-18	26-Dec-18
M Tech-PED	PED	3	19-Dec-18	26-Dec-18
M.Tech. Power Systems Engineering	PSE	1	19-Dec-18	26-Dec-18
M.Tech. Construction Engineering & Project Management	CEPM	1	19-Dec-18	26-Dec-18
M.Tech. Power Systems Engineering	PSE	3	19-Dec-18	26-Dec-18
M.Tech. Electronics & Instrumentation Engineering	EINE	1	19-Dec-18	26-Dec-18
M.Tech. Electronics & Instrumentation Engineering	EINE	3	19-Dec-18	26-Dec-18
M Tech-Communication System	CSY	3	19-Dec-18	26-Dec-18
M.Sc. Chemistry	CHY	1	19-Dec-18	26-Dec-18

M.Sc. Actuarial Science	AS	3	19-Dec-18	26-Dec-18
M.Tech. Computer Science Engineering	CSEN	1	19-Dec-18	26-Dec-18
M.Tech. Computer Science Engineering	CSEN	3	19-Dec-18	26-Dec-18
B Tech-Civil Engineering	CE	1	19-Dec-18	26-Dec-18
M.Sc.Microbiology	MCB	1	19-Dec-18	26-Dec-18
M.Sc.Microbiology	MCB	3	19-Dec-18	26-Dec-18
B Tech-Electrical & Electronics Engineering	EE	1	19-Dec-18	26-Dec-18
BA-Islamic Studies	BIS	7	19-Dec-18	26-Dec-18
B Tech- BioTechnology	BT	1	19-Dec-18	26-Dec-18
M Tech-Computer Predictive Analytics	BT	1	19-Dec-18	26-Dec-18
B Tech- BioTechnology	BT	3	19-Dec-18	26-Dec-18
M Tech-Computer Predictive Analytics		3	19-Dec-18	26-Dec-18
M.Tech. Biotechnology	BTE	3	19-Dec-18	26-Dec-18
M.Sc. Physics	PHS	1	19-Dec-18	26-Dec-18
M.Sc. Physics	PHS	3	19-Dec-18	26-Dec-18
B Tech- BioTechnology	BT	5	19-Dec-18	26-Dec-18

B Tech- BioTechnology	BT	7	19-Dec-18	26-Dec-18
BCA	BCA	1	19-Dec-18	26-Dec-18
BCA	BCA	5	19-Dec-18	26-Dec-18
B.Sc. Computer Science	BCS	5	19-Dec-18	26-Dec-18
M.Tech. Biotechnology	BTE	1	19-Dec-18	26-Dec-18

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

***Do not include re-evaluation/ re-totalling**

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
225	6051	2.69

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

- ❖ As this institute is practising OBE, all the programmes are given Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Programme Specific Outcomes (PSOs).
- ❖ In addition, the curriculum comprises of various categories of courses and all these courses would have Course Educational Objectives (CEOs) and Course Outcomes (COs).
- ❖ The PEOs, POs, PSOs, CEOs & COs are well-defined, established & made known to all the stakeholders of the system.
- ❖ The COs of all the courses offered by this institute are furnished in the data template form.
- ❖ The process for establishment of POs & PSOs are furnished below :
 - A team of senior faculty members of the respective department prepares the draft POs & PSOs, considering the vision & mission of the Institute and the vision & Mission of the department.
 - This team would collect the input and feedback from all the stakeholders of the system in refining the same through various categories of meetings, including School level Advisory Committee (SLAC) meetings .
 - In general, SLAC comprises of all the stakeholders including students, parents, employers, industries, alumni, teachers and others.
 - This draft would be presented by the respective programme coordinator and the HoD to a Institute level committee, which would comprise of senior academicians and others.
 - After collating the inputs from the institute level committee, the same would be presented by the respective committee in the meeting of "Board of Studies" (BoS)".
 - The recommendations of the BoS would be presented in the Academic Council for approval.
 - After approval from the Academic Council, it is presented in the Board of Management (BoM) for final approval.

- ❖ The process for establishment of CEOs & COs are furnished below :
 - A teacher, who is the subject expert would be requested by the HoD to prepare the CEOs & COs in alignment with the POs.
 - It is very vital that these COs are leading to the attainment of Programme Outcomes.
 - Hence, the respective course teacher would take suitable precautions and refer to the premier institutions in framing the CEOs & COs.
 - Then the same would be presented in the department meeting, where, all the members of the faculty are present for further refinement.
 - This would be presented in the SLAC meetings, where all the stakeholders are present.
 - This enhanced draft would be presented in the meeting of BoS.
 - The recommendations of the BoS would be presented in the Academic Council for approval.
 - After approval from the Academic Council, it is presented in the BoM for final approval.

- ❖ Once the BoM approves the PEOs, POs, PSOs, CEOs & COs, then the same would be displayed and disseminated to all the stake holders, through the following modes :
 - Web site
 - Department library
 - Notice boards of the department
 - Seminar hall
 - Classrooms
 - Laboratories
 - Curriculum & syllabus book
 - Faculty meetings
 - Orientation programmes
 - Class committee meeting
 - Placement brochures

https://crescent.education/wp-content/uploads/2020/02/PO_PSO_BSACIST.pdf

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
CE	B.Tech. Civil Engineering	142	132	93
AE	B.Tech. Aeronautical Engineering	16	14	88
AU	B.Tech. Automobile Engineering	41	40	98
ME	B.Tech. Mechanical Engineering	223	201	90
PE	B.Tech. Polymer Engineering	12	11	92
EC	B.Tech. Electronics & Communication Engineering	85	82	96

EE	B.Tech. Electrical & Electronics Engineering	56	54	96
EI	B.Tech. Electronics & Instrumentation Engineering	31	31	100
CS	B.Tech. Computer Science Engineering	104	98	94
IT	B.Tech. Information Technology	44	40	91
BT	B.Tech. Biotechnology	55	55	100
AR	B.Architecture	74	71	96
BCA	BCA	95	82	86
BCS	B.Sc. Computer Science	12	9	75
BIS	B.A. Islamic Studies	40	38	95
SE	M.Tech. Structural Engg.	17	14	82
CEPM	M.Tech. Construction Engg. Project Management	20	20	100
PSE	M.Tech. Manufacturing Engineering	4	4	100
CSY	M.Tech. Communication System	4	4	100
CSEN	M.Tech. Computer Science Engg.	2	1	50
INTE	M.Tech. Information Technology	3	3	100
BTE	M.Tech. Biotechnology	7	7	100
AS	M.Sc. (Actuarial Sciences)	15	15	100
MBT	M.Sc.(Biotechnology)	9	9	100
MCB	M.Sc.(Microbiology)	5	5	100
PHS	M.Sc. (Physics)	11	10	91
CHY	M.Sc. (Chemistry)	20	20	100

MCA	Master of Computer Applications	104	102	98
MBA	MBA	107	107	100
IST	M.A. Islamic Studies	17	13	76

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

Annexure IV : Sample of Student/Parent satisfaction survey Reports

<https://crescent.education/wp-content/uploads/2019/12/Students-satisfaction-survey-2018-19.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 Teachers awarded National/International fellowship for advanced studies/ research during the year

International /National	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
International	Dr. Ayub Khan Dawood	Turning to sustainable business practices	2019	Universitas Atma Jaya Yogyakarta
	Dr. Shameem Banu / Physics	ASEAN - Indian research and training fellowship (AIRTF)	2019	University Teknologi, MARA malaysia
	Irfan Navabshan	Biosolve IT's scientific challenge	2019	Biosolve IT GmbH, Germany
	Dr. Asha Johnsi	Visiting Professor	2019	Melbourne University Australia
	Mr. Surya Rajan B	Euro Brake 2019, Germany	2019	Eurobrake student Opportunities Programme
	M. Muthu Manokar A	Young Scientist	2019	The 5th International conference on scientific Research ISR-2019, Egypt.
	Dr. Mohamed Ashfaq	FONDECYT Researcher	2019	Multidisciplinary Reasearch Institute for Science and Technology, Chile
	Dr. Abuzar Nomani	Visiting Professor	2019	Russa
	Ms. Rupel Nargunam	Doctoral Fellowship program	2019	Fulbright, USA
	Prof. B. Vijayalakshimi /ECE	Doctoral Fellowship program	2019	Visiting Doctoral Fellowship program at Purdue University, USA
	Dr. Mohamed Ashfaq	Visiting Professor	2019	GIMEGA University of Laserena
	Dr. Karunanithi Rasu	European Advanced Materials Congress	2018	IAAM Advancement of materials to Global Excellence

	Mohamed Shanawaz	2018 Geoinformatics summer school	2018	State Key lab of information Engineering in surveying mapping and remote sensing at Wuhan University, China
	Dr. Asif Khan	Visiting Faculty	2018	University of Electronic Science and Technology of china (UESTC)
	Ms. Kadirvelu Sindhubala	Visiting Scholar	2018	Purdue University
	Dr. Asif Khan / CA	Scholarship for International students	2018	Govt. of China
	Dr. Shameem Banu / Physics	ASEAN - Indian research and training fellowship (AIRTF) - Student attachment programme	2018	University Technologi, MARA Malaysia
National	Dr. Asha Jhonsi	Teachers Associateship Research Excellence	2019	SERB, DST
	Dr Ashok Kumar P	Teachers Associateship Research Excellence	2018	SERB, DST
	Ms. B. Roopa	Teachers Associateship Research Excellence	2019	SERB, DST

3.1.2 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellow	Name of Research fellowship	Duration of fellowship	Funding agency
Ziaul Haque Choudhury	Maulana Azad National Fellowship	Two years (Three more years of extension on work satisfaction)	UGC
Mohamed Adil A A	Maulana Azad National Fellowship	Two years (Three more years of extension on work satisfaction)	UGC
Mehjabin Khatoon	Maulana Azad National Fellowship	Two years (Three more years of extension on work satisfaction)	UGC
Ashiq Mohd Ilyas	Maulana Azad	Two years (Three more years of extension on work	UGC

	National Fellowship	satisfaction)	
Niha K	Maulana Azad National Fellowship	Two years (Three more years of extension on work satisfaction)	UGC
Azka	Maulana Azad National Fellowship	Two years (Three more years of extension on work satisfaction)	UGC
Amir Ahmad Dar	Maulana Azad National Fellowship	Two years (Three more years of extension on work satisfaction)	UGC
Mr. P. Sundara Mallayan	JRF	1	BSACIST
Ms. Madhy vadany.M	JRF	1	BSACIST
Ms.Jain Jacob M	JRF	1	BSACIST
Mr. Karthik. A	JRF	1	BSACIST
Ms.N.Gowriboy	EWL*	1	BSACIST
Ms. Dhanalakshmi.J	EWL*	1	BSACIST
Ms.Sivakani.R	EWL*	1	BSACIST
Ms.Sathya.R	EWL*	1	BSACIST
Ms. Arunika Krishnan	EWL*	1	BSACIST
Ms. Rosina Begam	JRF	1	BSACIST
Mr. Mohsin Fayaz	JRF	1	BSACIST
Ms. Namrata Biswas	JRF	1	BSACIST
Mr. Imran Nadeem	JRF	1	BSACIST
Mr. M.Prashanth	JRF	1	BSACIST
Ms. Ranjani.S	Scientific Assistant	NA	BSACIST
Mr. Shariq Ahmed.M	JRF	1	BSACIST
Ms. S.Prathibha	JRF	1	BSACIST
Ms.Rubeena Khaliq	JRF	1	BSACIST
Mr. Tawseef Ahmad	JRF	1	BSACIST
Ms. S.Sindhuja	JRF	1	BSACIST
Mr. Syed Noman	JRF	1	BSACIST
Mr. Maruthu Pandi.M	JRF	1	BSACIST
Ms.Rosina Begam	JRF	2	BSACIST
Mr. Mohsin Fayaz	JRF	2	BSACIST
Ms. Namrata Biswas	JRF	2	BSACIST
Mr. Imran Nadeem	JRF	2	BSACIST
Mr. M.Prashanth	JRF	2	BSACIST
Ms. T.Lakshmi	EWL*	1	BSACIST
Mr. Rayees Ahmad Khan	EWL*	1	BSACIST
Ms.P.V.Bhuvanewari	EWL*	1	BSACIST
Mr. Asif Rasool	EWL*	1	BSACIST

3.2 Resource Mobilization for Research

3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant Sanctioned Rs. (in Lakh)	Amount received during the year Rs.(in Lakh)	PI / Email
Major Projects	3 Years	Biotechnology Industry Research Assistance Council (BIRAC)	180.00	110.00	Dr.S.Hemalatha SLS and Dr. ParveezAlam, CIIC hemalatha.sls@crescent.education
	3 Years	Science and Engineering Research Board (SERB)	18.30	2.75	Dr. P. Ashok Kumar SLS ashokkumar.sls@crescent.education
	3 Years	Science and Engineering Research Board (SERB)	18.30	2.75	Dr. Asha JhonsiMariadoss CHEMISTRY asha@crescent.education
	3 Years	Science and Engineering Research Board (SERB)	12.48	5.28	Dr. E.Syed Mohamed CSE syedmohamed@crescent.education
	1 Year	Government of Tamil Nadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	10.00	5.00	Parvez Alam, CEO,CIIC Kannan Ganapathi ECE kannan@agritinda.com
	1 Year	Government of Tamil Nadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	10.00	5.00	RadhakrishnanJothiram IT wajju24@gmail.com jps.radhakrishnan@gmail.com Parvez Alam, CEO,CIIC
	3 Years	The Ministry of Aeronautics R&D Board (DRDO)	9.79	7.44	Dr.P.N.Kadiresh Aeronautical kadiresh@crescent.education
	2 Years	Defence Research and Development organisation (DRDO)	9.80	0	Dr. K. Boopathy EEE Mrs. V. Bharanigh, EEE bharanigha@crescent.education

	3 Years	Science and Engineering Research Board (SERB)	8.25	2.50	Ms.Roopa Civil roopa@crescent.education
	1 Year	Department of Biotechnology (DBT)	8.00	6.00	Dr.Wasima. M SLS wasima.sls@crescent.education
	3 Years	Science and Engineering Research Board (SERB)	49.50	10.00*	Dr. M.S. Haji Sheik Mohammed CIVIL dean_acad@crescent.education
	3 years	Department of Biotechnology (DBT)	30.34	10.00	Dr.S.Hemalatha SLS and Mr. Ranjai hemalatha.sls@crescent.education
Major Project	3 years	Science and Engineering Research Board (SERB)	18.30	2.75	Dr. R. Karunanithi karunanithi@crescent.education
	3 years	Science and Engineering Research Board (SERB)	18.30	2.75	Ms. Sivashanmuga Valli, sivashanmugavalli@crescent.education
	1 year	CSIR – Central Leather Research Institute funded by Department of Science and Technology (CLRI, DBT)	21,70	21.70*	Dr. T. Harinarayana
Minor project	2 Years	Tamil Nadu State Council for Science and Technology (TNSCST)	3.20	1.60	Dr. K. Karthikeyan Chemistry karthikeyan_kesav@crescent.education
	1 Year	Tamil Nadu State Council for Science and Technology (TNSCST)	1.80	1.80	Dr. Mohd. Amir & Dr. Afzalur Rahman Commerce hodcommerce@crescent.education Mr. M. Parvez Alam, CEO, CIIC

	1 year	Government of Tamilnadu Entrepreneurship Development and Innovation Institute (TN-EDII)	5.00	2.15	Islets Cell Transplantation Mr. M. Parvez Alam, CEO, CIIC 9551076617 & Dr. Nithya Kalyani
	1 Year	Government of Tamil Nadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2.15	2.00	Ravi Senji Life Sciences ravikasravisenji@gmail.com Mr. M. Parvez Alam, CEO, CIIC
	1 Year	Government of Tamil Nadu, Entrepreneurship Development and Innovation Institute (TN-EDII)	2.00	1.00	WE GOT Mr. M. Parvez Alam, CEO, CIIC
Industry sponsored project	I Year	RadheStructorepair Pvt Ltd.,	9.912	6.44	Prof. Haji Sheik Mohammed Civil dean_acad@crescent.education
	3 years	M/s Prag Robotics Pvt. Ltd.	120.00	120.00	Dr. S. Rasool Mohideen
	3 Years	KankyoCleantech (I) Pvt Ltd	20.00*	20.00*	Dr. T. Harinarayana Director (ESPAC)
	3 Years	KankyoCleantech (I) Pvt Ltd			
	3 Years	KankyoCleantech (I) Pvt Ltd			
	3 Years	KankyoCleantech (I) Pvt Ltd			
	3 Years	Ford India Pvt Ltd	14.97	14.97*	Dr. Ashok Ghosh Mech /Auto hodaero@crescent.education
	I Year	Jasmin Infotech	40.00	40.00*	Dr.C.Tharini ECE hodece@crescent.education
	I Year	Prof. S. Peer Mohamed	1.27	1.27**	Mr. Hamanulla N Physical Education

		Endowment Fund			
	I Year	Dr. Raja Sir Muthiah of Chettinadu	0.30	0.30**	Mr. T. Velmurugan Physical Education
	I Year	Jasmin Infotech	0.70	0.60	Dr.C.Tharini ECE hodece@cresecent.education
	I Year	Dr. Raja Sir Muthiah of Chettinadu	0.30	0.30**	T. Velmurugan Physical Education
	I Year	Prof. S. Peer Mohamed Endowment Fund	0.60	0.60**	Dr. R.Auvai Physical Education
Projects sponsored by University	1 year	BSACIST	48.51	48.51	
Student Research projects	1 Year	Tamilnadu State Council For Science And Technology	0.075	0.075	AquibYousuf, Aravind.V.K, AravindaKrishnan .A, Farhanuddin.S.M. Syed Shaul Hameed MECH syedshaulhameed@cresecent.education
	1 Year	Tamilnadu State Council For Science And Technology	0.075	0.075	Dr D Mubarak Ali, M Santhosh Kumar A Aravindh SLS mubarakali.sls@cresecent.education
		Total	480.28	296.26	

Note: Message received over phone from the individuals

*Market value of equipment / training received.

** As per audit statement (2017-18& 2018-19)

3.3 Innovation Ecosystem

3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Workshop on Herbal Entrepreneurship	CIIC	12.07.2019

Workshop on Essentials of Scientific Entrepreneurship	CIIC	28.05.2019
Workshop on Digitalizing the Medical world	CIIC	24.04.2019
Two day Workshop on “Embedded System in Robotics using ARM Cortex M0+”	ECE	5.02.2019 & 6.02.2019
One Day Workshop on Qualitative Writing of Sponsored Project Proposals	Research	4.01.2019
Seminar on “Corrosion of Reinforced Concrete exposed in Natural Environment”	Civil	23.10.2019
A one-day Workshop on “Data Analysis and Visualization Using R”	Research	14.03.2019
A two-day workshop on ‘Writing for Research Purpose’	English	19.07.2019 & 20.07.2019
Seminar on “Alternate Technologies in Construction” for our young Engineers	Civil	21.10.2019
Seminar on “Personal SWOT analysis for identifying one’s competencies and limitations”	Management	4.11.2019
Two days training program on "Stadd"	Civil	17.10.2019 & 18.10.2019
Value added training programme in “Non-sewered Sanitation an important link for Sanitation Solutions in Urban India”	Civil	27.09.2019 and 28.09.2019
Two days training program on Cost X	Civil	24.09.2019 and 25.09.2019
One day FDP in Recent Trends in BIM	Civil	7.04.2019
Two day International workshop on “Smart and Sustainable Green Infrastructure”	Civil	3.04.2019 & 4.04.2019
Two day workshop on “Construction Management Software”	Civil	14.03.2019 & 15.03.2019
Seminar on “Climate change and water security”	Civil	22.03.2019

One day workshop on “Scientific Documentation and Presentation Using LaTeX”	EEE	8.03.2019
Two days Workshop on “Industrial IoT for Remote Monitoring and Management”	ECE	21.03.2019-22.03.2019
Partial Course Delivery for the course EICX01, Biomedical Instrumentation,	EIE	7.02.2019-25-02.2019
two days Handson FDP on “Applications of Image Processing using Matlab” on 02/05/19 and 03/05/19	ECE	2.03.2019 & 3.03.2019
one day workshop on “Innovative Teaching Methodologies for School Teachers”	ECE	16.04.2019
Two days workshop on “Design and Development of Smart Drones”	ECE	4.02.2019 and 5.02.2019
Workshop – Internet of Things	CSE	21.01.2019
Seminar on A Deluge Talk	CSE	5.03.2019
A One day Mediation Awareness Program	Law	6.02.2019
Seminar on English: Modern Day Lifeline	English	17.10.2019.
One day workshop ‘Pedagogies for Language and Literature in the 21st Century’	English	30.04.2019
One-day Workshop on ‘MS Excel on Supply Chain Management’	Management	19.10.2019
Certificate programme in iOS Application Development	IOS application centre	03.2018 to 05.2018
A two days workshop on “Android Application Development”	IOS application centre	12.10.2018 & 13.10.2018.
One –day workshop on “The Art of Writing Winnable project Proposal for funding”	CIIC	29.09.2018

One Day Workshop on MS-Office (Word & Excel)	Mechanical	20.12.2018
A Seminar on “Principles of Clutch Design – Recent Trends”	Mechanical	29.10.2018
One day workshop on “Building your own 3D Printer” sponsored by ASME on the 29th of October 2018	Mechanical	29.10.2018
FISITA World Automotive Congress 2018	Mechanical	2.10.2018 – 5.10.2018
One Day Workshop on Micro Electro Mechanical Systems (MEMS) on 12th September 2018	Mechanical	9.12.2018
One day national level workshop on “Friction Material Concepts: Formulation, Testing & Environmental Issues”	Mechanical	4.10.2018
One Day Workshop On “Engine Dismantling And Assembly”	Mechanical	25.04.2018
Seminar on “Hybrid Nuclear Renewable Integrated Energy system”	Mechanical	26.03.2018
2 day workshop on autonomous robot building	Mechanical	15.03.2018
Two Days National level workshop on “Advanced Composite Materials – A Research Perspective”	Mechanical	2.02.2018 and 3.02.2018
One day Seminar on Recent Trends in Automotive Technology	Automobile	19.09.2018
Workshop on Design and development of Quadcopter UAV”	Aerospace	9.12.2018
One day workshop on 3D printing	Civil	29.10.2018
Two day workshop on “Bridge Design, Fabrication & Testing”	Civil	18.09.2018 & 19.09.2018
Two day Workshop on “Electrochemical Corrosion Techniques: Theory and Hands on Training”	Civil	7.09.2018 & 8.09.2018
Two Days Workshop On Structural Engineering Software (Etabs & Staadpro)	Civil	21.03.2018 & 22.03.2018

Workshop On Kkm Soft – Autodesk for Pre-Final Year Students	Civil	13.03.2018 To 15.03.2018
Seminar on Recent advances on developments in combustion problems and challenges in the scramjet engines	Aerospace	9.08.2018
Two Days Workshop on Evolutionary Computing and its application to Engineering using MATLAB	EEE	3.10.2018 & 4.10.2018
One Day Workshop on Micro Electro Mechanical Systems (MEMS)	EEE	12.09.2018
One day Workshop on “Intrinsically Safe Instrumentation”	EIE	26-10-2018
Two days workshop on “Entrepreneurship Awareness in the field of Information and Communication	ECE	5-09-2018 and 6.09.2018.
Two days workshop on “Entrepreneurship Awareness in the field of Information and Communication	ECE	5-09-2018 and 6.09.2018.
15 days training programme for NI Certified Labview Associate Developer (CLAD) from 25th June 2018 to 9th July 2018.	ECE	25.06.2018 to 9.07.2018.
one day workshop on “Embedded Application design using Arduino board” for plus two students	ECE	4.09.2018
One day National Workshop On Artificial Intelligence – Machine Learning and Soft skills on 8th Feb, 2019	CA	2.08.2019
One day workshop on Big Data Analytics using Hadoop	IT	12.09.2018
Workshop on IBM-DB2	CSE	2.07.2018 to 6.07.2018
Special lecture on “Fundamental Rights and Duties of Individuals”	LAW	18.09.2018
The Second Orientation Programme	LAW	18.09.2018
International Conference on Emerging Areas in Biotechnology for Human Welfare and Bioentrepreneurship (ICEBHE)	LIFE SCIENCE	11.09.2018-12.09.2018
Three day workshop on “Writing Quality Research Articles, Project Proposals and Patents”	Research	20.07.2018 and 22.07.2018

Seminar on “how to write a Project Proposal”	Research	2.10.2018		
Onsite training on Turnitin’s User Awareness Program & Similarity Check	Research	20.11.2018		
One day Workshop on “Intrinsically Safe Instrumentation”	CIIC	26.10.2018		
National Seminar on “Development of Materials for Aerospace applications”	CIIC	25.10.2018		
3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year				
Title of the innovation	Name of the Awardee	Awarding Agency	Year of Award	Category
Young Scientist	Dr. D. Mubarak Ali	International Science Festival 2018	2018	Teacher
The Most Startup Award	Mohamed Ibrahim	Anna University	2018	Student
Social science research for sustaining business and economy in Global market (ICRSBEGM - 17)	Fathima Zarin and Haider Yasmeen	Sri Sairam Institute of Management Studies	2018	Scholar
Development of polyethylene oxide based polyelectrolyte for lithium polymer batteries	Munwar Ahamed. N, Tanveer Ahamed.B	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Development an characterization of epoxy/LDH flame retardant nanocomposite	Gomathi.R, Syed Imran Ahamed.I	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Enhanced malware detecting for android mobiles	M. Mohamed Javeed	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Risk Barriers in Aircargo and safety Measures	Bhuvanawar.T	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
A study on working capital Management	Preethi.E	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Underwriting in fire insurance	Apurva.S	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
A Comparative Mortality Investigation in south India states	Laurent saehe shilingi	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Synchronization of threshold control based choatic circuit	Asif Iqbal.K	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Influence of metal nanoparticles on energy transfer distrusted feedback Dye laser	Pallavi Suvalaxmi Pradhan	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Car parking slot booking	Azarudeen.S	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Traffic Violator Monitoring System	Hassina Begum.A	B S Abdur Rahman crescent Institute of Science &	2018	Student

		Technology, Chennai		
Award of innovative Technological Research & Teaching Profesional	Dr. D. Najumnissa Jamal	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	teacher
Innovative & Dedicated - Professional Engineer Award	Mr. N. Sivaramakrishnan	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Thomson Reuters India citation award 2012 for high citation of his research articles	Dr. V. Murugesan	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	teacher
Nation Builder Award - 2018 in presence of chief guest Arcot Nawab.Nawab zada Mohammed Asife Ali and Dr.Pratap, State information Commissioner and Former DGP Mr Bolonath IPS	Placement & Training Cell, BSACIST	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Institution
Design of IMC based PI controller of buck boost converter for various load condition	Meenakshi. A.,Abul Kalam Syed, Abdul Tanzeel.K	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Synthesis, Characterization and Tribological behavior of Al alloy based composites	Ayisha zuleikha K , Syed danish khurram	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Parametric study of transformer oil to develop online condition monitoring device.	Karthick. S	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2018	Student
Synthesis and charatherization of aromatic polyimide with IPDA for electrochromic devices	Deepalakshmi K	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2019	Student
Design Analysis and Fabrication of New Combined Braking System for Two Wheelers	M. Fareeth Aslam P. Jayesh Pradhyumna, V. Mohan Raj	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2019	Student
Design and Development of Seat Belt integrated igniton switch	Mithiran.K	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2019	Student
Implemenation of Value Engineering in Sky Scrapers	Jeffreeves Ronald.P	B S Abdur Rahman crescent Institute of Science & Technology, Chennai	2019	Student

3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
Crescent Innovation and Incubation Centre – (A section 8 not for profit company & registered under Indian Companies Act 2013)	Crescent Innovation and Incubation Centre	BS Abdur Rahman Crescent Institute of Science and Technology
Crescent Innovation & Incubation Council	M. Parvez Alam CEO & Director	Biotechnology Industry Research Assistance Council (BIRAC)
Dr APJ Abdul Kalam Innovation Centre – Nurturing Entrepreneurship	M. Parvez Alam	Entrepreneurship Development Institute of India(EDII)

Name of the Start-up	Nature of Start-up	Date of commencement
We Got Utility Solutions Pvt Ltd	Water Management/ Irrigation/ Fertigation Systems	12.7.19
Kankyo Cleantech India Pvt Ltd	WasterWater Treatment/ Bioremediation	15.7.19
Farmagain Agro Pvt Ltd	Precision Agriculture	24.7.19
Rekindle Automations Pvt Ltd	Medtech	12.7.19
Madiee Games Pvt Ltd	Edu Tech / Board Games	12.7.19
Aindra Labs Pvt Ltd	Artificial Intelligence	24.7.19
Onium Life Sciences Pvt Ltd	Drug Discovery	12.7.19
Agrit Greenhouse Solutions Pvt Ltd	Agriculture	12.7.19
Ravikas Kakoos	Sanitary (Napkin disposal machine)	1.7.19
Precise 3D/ Graft 3D	3D printing	12.7.19
Scada Geoinformatics Pvt. Ltd	Healthcare IoT	12.7.19
Precilabz Techno Private Ltd	Automated Gem Stone Sorting Machine	12.7.19
Bigphi Technologies	Textile Nanotechnology	12.7.19
Frutunes Food Products Pvt Ltd	Agriculture	12.7.19
Jothna Software Solutions Pvt Ltd	E-commerce portal	12.7.19
Xsdata Factory Pvt.Ltd / Networkk	IOT	16.7.19
Mirrar Innovation	Augmented Reality	25.7.19
Sirpi Software Pvt.Ltd	Ecommerce Portal	22.8.19
Acre-Alliance For Critical Regionalism Pvt Ltd	Design	22.8.19
Hi Fusion	Fire extinguisher	22.8.19
Meiyur Education & Skill Development Private Limited	Robotic Boat/ Precison Agriculture	22.8.19
Greenflora Bio Sciences Pvt Ltd	Agriculture	10.9.19
Patent Pro	Innovation Portal	12.9.19
Dhanvantri Medicals	Convertible Electric Chair	23.9.19

Sabari Medicals	DIARIS Device to detect Diabetes	23.9.19
Impensus Electronics	Solutions for Growing crops	30.9.19
Medmorph3D	3D printing for Hospitals	30.9.19
Sirius Motorsports(India)Pvt Ltd	Innovation technology	30.9.19
The Car Guy	Doorstep car washing	23.9.19
New Propeller Technologies	Relvolutionary toiletbed	30.9.19
Visaiyon Energies	Electri Mobike	11.11.19
Sruthi Impex	Pure natural honey	11.11.19
PMC Global Systems	IoT	16.11.19
Plastgen Solutions	Bioremediation	16.11.19
Altsense Technology	IOT	16.11.19

3.4 Research Publications and Awards

3.4.1 Ph. Ds awarded during the year

Name of the Department	No. of Ph. Ds Awarded
School of Life sciences	4
Physics	5
Mechanical	4
Mathematics and Actuarial Science	1
Management Studies	1
Information Technology	5
Islamic Studies	2
English	3
EEE	2
ECE	4
EIE	1
CSE	5
Chemistry	3
Computer Applications	7

3.4.2 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	Aerospace Engineering	0	0
	Architecture	0	0
	Automobile Engineering	4	0
	Chemistry	14	1.159
	Civil Engineering	16	0
	Commerce	4	0
	Computer Applications	4	0.41
	Computer Science and Engineering	10	1.88
	Electrical and Electronics Engineering	3	0
	Electronics and Communication Engineering	4	0.79
	Electronics and Instrumentation Engineering	3	2.79
	English	3	0
	Information Technology	3	0
	Islamic Studies	3	0
	LAW	0	0
	Life Sciences	4	0
	MANAGEMENT STUDIES	13	0
	Mathematics	6	0.41
	Mechanical Engineering	11	1.14
	Pharmacy	6	0
	Physics	8	1.913
	Physical education	0	0
Polymer Technology	0	0	
International	Aerospace Engineering	10	1.108
	Architecture	0	0
	Automobile Engineering	9	1.428
	Chemistry	34	2.487
	Civil Engineering	6	0.675
	Commerce	5	0
	Computer Applications	14	1.61
	Computer Science and Engineering	32	0.854
	Electrical and Electronics Engineering	11	0.544
	Electronics and Communication Engineering	30	0.759
	Electronics and Instrumentation Engineering	47	2.156
	English	1	0
	Information Technology	14	0.495
	Islamic Studies	2	0
	Law	0	0
	Life Sciences	68	1.488
	Management Studies	10	0.79
	Mathematics	26	0
	Mechanical Engineering	66	1.407
	Pharmacy	2	3.84
	Physical Education	0	0
	Physics	77	2.117
Polymer Technology	4	1.863	

3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year	
Department	No. of publication
Aerospace Engineering	2
Architecture	1
Automobile Engineering	1
Chemistry	2
Civil Engineering	1
Computer Applications	5
Computer Science and Engineering	14
Electrical and Electronics Engineering	4
Electronics and Communication Engineering	13
Electronics and Instrumentation Engineering	10
English	1
Information Technology	9
Islamic Studies	0
Life Sciences	6
Management Studies	2
Mathematics	8
Mechanical Engineering	16
Pharmacy	0
Physical Education	0
Physics	16
Polymer Technology	1
Commerce	0
Law	0

3.4.4 Patents published/awarded during the year			
Patent Details	Patent status Published/Filed	Patent Number	Date of Award
Automated supporting wheels for self-stabilization in motorcycles (CBR No. 17578)	FER Issued	201741015956	09-11-2018
Pedal acceleration and modified rear brake pedal for motorcycle (CBR No. 17579)	FER Issued	201741015957	09-11-2018
A new process for preparation of self-reinforced thermoplastic micro and nanofiber	Application in Amended Stage	4834/CHE/2014	01-07-2016

polyamide composite system			
Porous Hydrophobic polymer composite for separation of Oil from Oil spills in water and preparation method thereof	FER Issued	6942/CHE/2015	23-06-2017
Heat treatment method for Magnesium- Zinc-copper (ZC71) Alloy and composites	Application Awaiting Examination	201641029056	30-09-2016
Method of Disengagement and Engagement of Auxillary Devices with Engine Drive Unit	FER Issued	201741013529	28-04-2017
Electrical Insulation Characteristics of Silicone and EPDM Polymeric Blends Compounds	Application Published	201641026589	19-08-2016
A method for acquiring quality of service and quality of experience parameter of PAAS cloud Renderfarm services	Application Awaiting Examination	201641025966	19-08-2016
A method for overcoming cold start problem in recommending cloud services	Application Awaiting Examination	201641025965	19-08-2016

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Optimal Deep Learning Model For Classification Of Lung Cancer On CT Images	Lakshmanaprabu S.K., Mohanty S.N., Shankar K., Arunkumar N., Ramirez G.	Future Generation Computer Systems	2019	21	B. S. Abdur Rahman Crescent Institute Of Science And Technology	11
A Review On Recent Advances In Hybrid Supercapacitors: Design, Fabrication And Applications	Muzaffar A., Ahamed M.B., Deshmukh K., Thirumalai J.	Renewable And Sustainable Energy Reviews	2019	21	B. S. Abdur Rahman Crescent Institute Of Science And Technology	17

Effect Of Water Depth On A Novel Absorber Plate Of Pyramid Solar Still Coated With TiO ₂ Nano Black Paint	Kabeel A.E., Sathyamurthy R., Sharshir, Muthumanokar A., Panchal H., Prakash N., Prasad C., Nandakumar S., El Kady M.S	Journal Of Cleaner Production	2019	13	B. S. Abdur Rahman Crescent Institute Of Science And Technology	4
Effect Of Chemical Treatment And Fiber Loading On Physico-Mechanical Properties Of Prosopis Juliflora Fiber Reinforced Hybrid Friction Composite	Surya Rajan B., Balaji M.A.S., Saravanakumar S.S.	Materials Research Express	2019	10	B. S. Abdur Rahman Crescent Institute Of Science And Technology	4
A Review On Different Design Modifications Employed In Inclined Solar Still For Enhancing The Productivity	Kabeel A.E., Manokar A.M., Sathyamurthy R., Winston D.P., El-Agouz S.A., Chamkha A.J.	Journal Of Solar Energy Engineering, Transactions Of The Asme	2019	10	B. S. Abdur Rahman Crescent Institute Of Science And Technology	3
A Review On Different Design Modifications Employed In Inclined Solar Still For Improving The Yield Of Fresh Water	Ravishankar Sathyamurthy., S A El Agouz., A E Kabeel., Muthu Manokar Athikesavan., D Prince Winston., Ali J Chamkha	Journal Of Solar Energy Engineering, Transactions Of The Asme	2019	10	B. S. Abdur Rahman Crescent Institute Of Science And Technology	3
Biosynthesis And Characterization Of Copper Oxide Nanoparticles From Indigenous Fungi And Its Effect Of Photothermolysis On Human Lung Carcinoma	Saravanakumar K., Shanmugam S., Varukattu N.B., Mubarakali D., Kathiresan K., Wang M.-H.	Journal Of Photochemistry And Photobiology B: Biology	2019	7	B. S. Abdur Rahman Crescent Institute Of Science And Technology	3
Tribo Performance Of Brake Friction Composite With Stainless Steel Fiber	Sathickbasha K., Selvakumar A.S., Sai Balaji M.A., Surya Rajan B., Javeed Ahamed M.	Lecture Notes In Mechanical Engineering	2019	7	B. S. Abdur Rahman Crescent Institute Of Science And Technology	3

Synthesis, Optimization And Applications Of Zno/Polymer Nanocomposites	Ponnamma D., Cabibihan J.-J., Rajan M., Pethaiah S.S., Deshmukh K., Gogoi J.P., Pasha S.K.K., Ahamed M.B., Krishnegowda J., Chandrashekar B.N., Polu A.R., Cheng C.	Materials Science And Engineering C	2019	8	B. S. Abdur Rahman Crescent Institute Of Science And Technology	6
High Performance Green Concrete (Hpgc) With Improved Strength And Chloride Ion Penetration Resistance By Synergistic Action Of Fly Ash, Nanoparticles And Corrosion Inhibitor	Harilal M., Rathish V.R., Anandkumar B., George R.P., Mohammed M.S.H.S., Philip J., Amarendra G.	Construction And Building Materials	2019	5	B. S. Abdur Rahman Crescent Institute Of Science And Technology	3
The Dual Role Of Metal Sulfides As Lubricant And Abrasive: An Interface Study In Friction Composite	K Sathickbasha., A. S. Selvakumar., M. A. Sai Balaji., B. Surya Rajan	Materials Research Express	2019	5	B. S. Abdur Rahman Crescent Institute Of Science And Technology	2
Ict's Role In Building And Understanding Indian Telemedicine Environment: A Study	S. Syed Thouheed Ahmed., S. Shankar., M. Sandhya	Information And Communication Technology For Competitive Strategies	2019	3	B. S. Abdur Rahman Crescent Institute Of Science And Technology	1
Unveiling The Potentials Of Biocompatible Silver Nanoparticles On Human Lung Carcinoma A549 Cells And Helicobacter Pylori	Saravanakumar K., Chelliah R., Mubarakali D., Oh D.-H., Kathiresan K., Wang M.-H.	Scientific Reports	2019	5	B. S. Abdur Rahman Crescent Institute Of Science And Technology	3
Experimental Investigation On Pyramid Solar Still In Passive And Active Mode	Muthu Manokar A., Prince Winston D., Sathyamurthy R., Kabeel A.E., Rama	Heat And Mass Transfer/Waerme- Und Stoffuebertra	2019	3	B. S. Abdur Rahman Crescent Institute Of Science And	0

	Prasath A.	gung			Technology	
Dielectric Properties Of Polyvinyl Alcohol (Pva) Nanocomposites Filled With Green Synthesized Zinc Sulphide (Zns) Nanoparticles	P. Lokanatha Reddy., Kalim Deshmukh., K. Chidambaram., Mohammad M. Nazeer Ali., Kishor Kumar Sadasivuni., Y. Ravi Kumar., R. Lakshmipathy., S. K. Khadheer Pasha., Zameer Gulzar., L. Arun Raj., A. Anny Leema	Journal Of Materials Science: Materials In Electronics	2019	4	B. S. Abdur Rahman Crescent Institute Of Science And Technology	2
Real-Time Biomedical Recursive Images Detection Algorithm For Indian Telemedicine Environment	Thouheed Ahmed S., Sandhya M.	Advances In Intelligent Systems And Computing	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	1
Alzheimer Detection Using Group Grey Wolf Optimization Based Features With Convolutional Classifier	Shankar K., Lakshmanaprabu S.K., Ashish Khanna., Sudeeptanwar., Joel J.P.C.Rodriguez., Nihar Ranjanroy	Computers & Electrical Engineering	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	2
Security Aware Routing Protocol For Hybrid Wireless Network (Sarp-Hwns) Via Trust Enhanced Mechanism	Kumar A.V., Mohideen S.K.	International Journal Of Business Data Communications And Networking	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	2
Fungal-Mediated Synthesis Of Pharmaceutically Active Silver Nanoparticles And Anticancer Property Against A549 Cells Through Apoptosis	Akther, Tahira; Mathipi, Vabeiryureilai; Kumar, Nachimuthu Senthil; Davoodbasha, Mubarakali; Srinivasan,	Environmental Science And Pollution Research	2019	3	B. S. Abdur Rahman Crescent Institute Of Science And Technology	1

	Hemalatha					
An Investigation On The Role Of Salicylic Acid Alleviate The Saline Stress In Rice Crop (Oryza Sativa (L))	Mohd Shahanbaj Khan., Tahira Akther., Davoodbasha Mubarakali., Srinivasan Hemalatha	Biocatalysis And Agricultural Biotechnology	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	1
Solution Plasma Process: An Option To Degrade Bisphenol A In Liquid-Phase To Non-Toxic Products	Mubarakali D., Park J., Han T., Srinivasan H., Lee S.-Y., Kim J.-W.	Journal Of Molecular Liquids	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	1
Mycosilver Nanoparticles: Synthesis, Characterization And Its Efficacy Against Plant Pathogenic Fungi	Tahira Akther., S. Hemalatha	Bionanoscience	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Microwave Irradiation Mediated Synthesis Of Needle-Shaped Hydroxyapatite Nanoparticles As A Flocculant For Chlorella Vulgaris	Mubarakali D.	Biocatalysis And Agricultural Biotechnology	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	2
Influence Of Aging, Varying Particle Size & Volume Fraction Of Al ₂ O ₃ Particles On The Hardness And Wear Behavior Of Al 7150 Alloy Composite Produced By Hot Uniaxial Compaction Method	Rahman M.A., Sirajudeen N.	Materials Research Express	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
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Tribological Performance Evaluation Of Epoxy Modified Phenolic Fc Reinforced With Chemically Modified Prosopis Juliflora Bark Fiber	B Surya Rajan., M A Sai Balaji., S .Rasool Mohideen	Material Research Express	2019	2	B. S. Abdur Rahman Crescent Institute Of Science And Technology	2
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Exchange Bias Effect, Ferroelectric Property, Primary Bonding And Charge Density Analysis Of La _{1-x} Ce _x FeO ₃ Multiferroics	G. G., R. S., S. S., I.B. S.B.	Materials Research Bulletin	2019	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
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Effect Of Poly Ethylene Glycol (Peg) On Structural, Thermal And Photoluminescence Properties Of CdO Nanoparticles For Optoelectronic Applications	Lokanatha Reddy P., Deshmukh K., Chidambaram K., Ahamed B., Sadasivuni K.K., Ponnamma D., Lakshmi pathy R., Dayananda D., Khadheer Pasha S.K.	Materials Today: Proceedings	2019	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
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A Nanocrystalline Cds Thin Film As A Heterogeneous, Recyclable Catalyst For Effective Synthesis Of Dihydropyrimidinon es And A New Class Of Carbazolyl Dihydropyrimidinon es: Via An Improved Biginelli Protocol	Venkatapathy K., Magesh C.J., Lavanya G., Perumal P.T., Sathishkumar R.	New Journal Of Chemistry	2019	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
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Pyrene-Based Prospective Biomaterial: In Vitro Bioimaging, Protein Binding Studies And Detection Of Bilirubin And Fe ³⁺	Srinivasan V., Jhonsi M.A., Dhenadhayalan N., Lin K.-C., Ananth D.A., Sivasudha T., Narayanaswamy R., Kathiravan A.	Spectrochimica Acta - Part A: Molecular And Biomolecular Spectroscopy	2019	1	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
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Performance Analysis Of Pulse Shape Filter For Repetition Channel Coding	Alias Isakki R.M., Tharini C., Arulvani M.	IEEE International Conference On Power, Control, Signals And Instrumentation Engineering, Icpcsi 2017	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
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Modified Contourlet Transform Based Effective Image Compression Framework For Wireless Sensor Networks	Sudha G., Tharini C.	Journal Of Advanced Research In Dynamical And Control Systems	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

Market Clearing And Settlement Using Participant Based Distributed Slack Optimal Power Flow Model For A Double Sided Electricity Auction Market	Sundaram A., Abdullah Khan M.	Electric Power Components And Systems	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Market Clearing And Settlement Using Participant Based Distributed Slack Optimal Power Flow Model For A Double Sided Electricity Auction Market	Sundaram A., Abdullah Khan M.	Electric Power Components And Systems	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Low Sidelobe Level Csrr Loaded Weighted Array Antenna	Manikandan R., Jawahar P.K., Rao P.H.	IEEE Transactions On Antennas And Propagation	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Detection Of Choroidal Neovascularization Through Characterization Of Changes In Anterior And Posterior Eye Segments	G Anitha., Mohamed Ismail	3d Research	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Fragmentary Substitution Of Fine Aggregate By Tannery Sludge In Concrete	Ibrahim Y., Sidiqua M.A., Jeddy S.A., Ahamed R.T.	Indian Journal Of Environmental Protection	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Growth Inhibitory Effect Of Oven Dried Copper Nanoparticles (Cunps) On Drug Resistant Clinical Isolates	Rasool U., Sah S.K., Hemalatha S.	Iranian Journal Of Materials Science And Engineering	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Dye-Tolerant Marine Acinetobacter Baumannii-Mediated Biodegradation Of Reactive Red	Mohd Hashim Khan., R.Karthikeyan Ramalingam ., Sneha Unnikrishnan	Water Science And Engineering	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

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Biotic And Abiotic Substrates For Enhancing Acinetobacter Baumannii Biofilm Formation: New Approach Using Extracellular Matrix And Slanted Coverslip Technique	Karthikeyan Ramalingam., Valerie Lee	The Journal Of General And Applied Microbiology	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Isolation, Structure Elucidation And Antibacterial Activity Of Methyl-4,8-Dimethylundecanate From The Marine Actinobacterium Streptomyces Albogriseolus Ecr64	Thirumurugan D., Vijayakumar R., Vadivalagan C., Karthika P., Alam Khan M.K.	Microbial Pathogenesis	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Log D Analysis Using Dynamic Approach	Prashanth Alluvada., Esayas Alemayehu., Ganesh Kumar Krishnamoorthy ., Janarthanan Krishnamoorthy ., Shahul Hameed., Wasihun Alemayehu., Timothy Kwa	Biorxiv	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Health Monitoring System For Automobile Vehicles To Enhance Safety	Dineshkumar C., Subramanian M., Muthaya J., Deepan V.	International Journal Of Vehicle Structures And Systems	2018	1	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

High-Performance Poly(Vinylidene Fluoride-Co-Hexafluoropropylene) Based Electrospun Polyelectrolyte Mat For Lithium-Ion Battery	Jakriya S.P., Syed A.M., Pillai S.K., Rahim D.B.	Materials Express	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Interfacial Heat Transfer Coefficient Estimation During Solidification Of Rectangular Aluminum Alloy Casting Using Two Different Inverse Methods	Rajaraman R., Gowsalya L.A., Velraj R.	Frontiers In Heat And Mass Transfer	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Enhancing Wear Resistance Of Cryo Treated Cu-Be ₂ Alloy	Ahmed M.P., Jailani H.S.	Silicon	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Experimental Investigation Of Onboard Driver Condition Monitoring System For Passenger Vehicles	Dineshkumar C., Subramanian M.	International Journal Of Mechanical Engineering And Technology	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Effect Of Fiber Orientation On The Delamination Behaviour Of Glass-Carbon Hybrid Interface	Arockia Julias A., Rajaraman R., Murali V.	International Journal Of Mechanical And Production Engineering Research And Development	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Cheap Natural Fibers As Composite Material For Automobiles - An Experimental Research	Arul Murugan M., Kumar J.G.K.	International Journal Of Mechanical Engineering And Technology	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Surface Roughness Evaluation Of Milled Surfaces By Image Processing Of Speckle And White-Light Images	Mahashar Ali J., Siddhi Jailani H., Murugan M.	Lecture Notes In Mechanical Engineering	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

Spray Characteristics Of Plug Type Swirl Injector	Jayapal S.N.M., Rafnaz M., Kadiresh P.N.	2018 Advances In Science And Engineering Technology International Conferences, Aset 2018	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Selection Of Suppliers Using Swara And Copras-G	Rajesh G., Malliga P.	International Journal Of Enterprise Network Management	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Quality And Productivity Improvement Through Spot Welding Process Optimisation In Automobile Body Shop	Selvam G., Prince S.A.D., Prakash V.S., Rohit T.	International Journal Of Productivity And Quality Management	2018	1	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Modelling And Analysis Of Aircraft Wing With And Without Winglet	Venkatesan S.P., Beemkumar N., Jayaprabakar J., Kadiresh P.N.	International Journal Of Ambient Energy	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
A New Control Approach On Positioning Of Heat Exchangers In Automotive Front End Cooling Module	Baskar S., Dr.S. Prince Arockia Doss	International Conference On Recent Trends In Electrical, Control And Communication	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Incorporation Of Cof-Lzu-1 Into The Terpolyimide Matrix To Obtain Cof-Lzu-1/Terpolyimide Composites With Ultra-Low Dielectric Constant	Purushothaman R., Vaitinadin H.S.	Polymer Engineering And Science	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Intrinsic ZnO/Al-Doped ZnO Homojunction: Structural And Optical Properties	Ismail A.S., Mamat M.H., Malek M.F., Yusoff M.M., Sin N.D.M., Shariffudin S.S., Zoolfakar A.S., Suriani A.B., Ahmad	Indonesian Journal Of Electrical Engineering And Computer Science	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

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Investigation Of Half-Metallic Ferromagnetism In Hafnium And Tantalum Doped Nio For Spintronic Applications: A Dft Study	M.Mohamed Sheik Sirajudeen Abdullah., Nazir Ahmad Teli	Current Applied Physics	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Erratum To: Synthesis, Luminescent Properties And Energy Transfer In Tb ³⁺ And Eu ³⁺ Co-Doped Li ₃ Ba ₂ Gd ₃ (Moo ₄) ₈ Phosphors For W-Led's (Journal Of Materials Science: Materials In Electronics, (2018), 29, 3, (2363-2371), 10.1007/S10854-017-8155-0)	Jaganathan S.K., Anthuvan J.P., Banu I.B.S.	Journal Of Materials Science: Materials In Electronics	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Effect Of Sr Doping On The Magnetocapacitive Effect In Bi _{0.6} Sr _{0.4} FeO ₃ Δ†Δ €™† Polycrystalline Ceramics	Rajesh R., John Ethilton S., Ramachandran K., Ramesh Kumar K., Vadla S.S., Shameem Banu I.B.	Applied Physics A: Materials Science And Processing	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Chapter 12: Hybrid Nano-Filler For Value Added Rubber Compounds For Recycling	Sadasivuni K.K., Rattan S., Deshmukh K., Muzaffar A., Basheer Ahamed M., Khadheer Pasha S.K., Mazumdar P., Waseem S., Grohens Y., Kumar B.	Rubber Recycling: Challenges And Development s	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

A Novel Method For The Synthesis Of Racemic Pregabalin, Baclofen And 3-Phenibut Involving Lossen Rearrangement	Ponnusamy, Kannan; Presley, S. I. Davis; Nagapillai, Prakash; Deivanayagam, Eswaramoorthy	Indian Journal Of Heterocyclic Chemistry	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Synchronization Of Two Chaotic Oscillators Through Threshold Coupling	Chithra A., Raja Mohamed I.	Advances In Intelligent Systems And Computing	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Synthesis And Characterization Poly (5-Indanyl Methacrylate-Co-Ethyl Methacrylate)	Senthilnathan G., Mohammed Bilal I., Anver Basha K	International Journal Of Research In Pharmaceutical Sciences	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Strange Nonchaotic Dynamics Of Parametrically Enhanced Mic Circuit	Rizwana R., Raja Mohamed I.	Journal Of Computational Electronics	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Structural And Mechanical Properties Of Diglycine Perchlorate Single Crystals	Kumar M.S., Rajesh K., Vijayaraghavan G.V., Krishnan S.	Materials Science-Poland	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Rhodium(III)-Catalysed Decarbonylative Annulation Through C-H Activation: Expedient Access To Aminoisocoumarins By Weak Coordination	Mayakrishnan S., Arun Y., Maheswari N.U., Perumal P.T.	Chemical Communications	2018	1	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Quantum Chemical Calculations Of Cr 2o 3/ Sno 2 Using Density Functional Theory Method	Jawaher K.R., Indirajith R., Krishnan S., Robert R., Das S.J.	Pramana - Journal Of Physics	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

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Low-Temperature-Dependent Growth Of Titanium Dioxide Nanorod Arrays In An Improved Aqueous Chemical Growth Method For Photoelectrochemical Ultraviolet Sensing	Yusoff M.M., Mamat M.H., Ismail A.S., Malek M.F., Zoolfakar A.S., Suriani A.B., Ahmad M.K., Nayan N., Shameem Banu I.B., Rusop M.	Journal Of Materials Science: Materials In Electronics	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Investigation On Underhood Airflow Management - Effect Of Airflow Statistics	Baskar S., Prince Arockia Doss S.	Sae Technical Papers	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Experimental Field Performance Analysis Of Small Weed Remover In Sugarcane Grassland	Prabu K., Jeyakumar P.D., Thirumurugan M.	Sae Technical Papers	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Fault Diagnosis Of Self-Aligning Troughing Rollers In A Belt Conveyor System Using An Artificial Neural Network And Naive Bayes Algorithm	S.Ravikumara., H.Kanagasabapathy., V.Muralidharan	Emerging Trends In Engineering, Science And Technology For Society, Energy And Environment: Proceedings Of The International Conference In Emerging Trends In Engineering, Science And Technology	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

Corrosion Study Of Nip And Nip Composite Plated Piston Ring	Malathi M., Mabel J.H., Rajendran R., Gowrishankar N., Vignesh A.	Sae Technical Papers	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
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Biw Resistance Spot Weld Parameter Standardization Through Parameter Optimization Across Various Sheet Metal Panel Combinations	Selvam G., Prince Arockia Doss S., Gounder Kannan M., Thirupathi R., Voppuru N.S.	Sae Technical Papers	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
A Reinforced Coconut Char, Jute And Glass Fibers Composite Material Mechanical Effects Compared By Using Taguchi Method And Analysis (Anova) Technique	Kumar J.G.K., Venkatesh Babu R., Arul Murugan M.	International Journal Of Engineering And Technology(Uae)	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Analysis Of Userâ€™S Behavior Using Markov Model	Arputha Rathina X., Ponnaivaikko M., Mehata K.M., Kavitha M.S.	Advances In Intelligent Systems And Computing	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Preface	Chitrakala S., Sridhar R., Gladston A.	Communications In Computer And Information Science	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0
Propagation Losses Of Uwb Antenna For On-Body To In-Body Signal Propagation	Priya A., Kaja Mohideen S., Thirumaraiselvan P.	Progress In Electromagnetics Research M	2018	0	B. S. Abdur Rahman Crescent Institute Of Science And Technology	0

3.4.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
A Review On Recent Advances In Hybrid Supercapacitors: Design, Fabrication And Applications	Muzaffar A., Ahamed M.B., Deshmukh K., Thirumalai J.	Renewable And Sustainable Energy Reviews	2019		17	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Optimal Deep Learning Model For Classification Of Lung Cancer On Ct Images	Lakshmanaprabu S.K., Mohanty S.N., Shankar K., Arunkumar N., Ramirez G.	Future Generation Computer Systems	2019		11	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Synthesis, Optimization And Applications Of Zno/Polymer Nanocomposites	Ponnamma D., Cabibihan J.-J., Rajan M., Pethaiah S.S., Deshmukh K., Gogoi J.P., Pasha S.K.K., Ahamed M.B., Krishnegowda J., Chandrashekar B.N., Polu A.R., Cheng C.	Materials Science And Engineering C	2019		6	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Effect Of Water Depth On A Novel Absorber Plate Of Pyramid Solar Still Coated With Tio2 Nano Black Paint	Kabeel A.E., Sathyamurthy R., Sharshir S.W., Muthumanokar A., Panchal H., Prakash N., Prasad C., Nandakumar S., El Kady M.S.	Journal Of Cleaner Production	2019		4	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Effect Of Chemical Treatment And Fiber Loading On Physico-Mechanical Properties Of Prosopis Juliflora Fiber Reinforced	Surya Rajan B., Balaji M.A.S., Saravanakumar S.S.	Materials Research Express	2019		4	B. S. Abdur Rahman Crescent Institute Of Science And Technology

Hybrid Friction Composite						
High Performance Green Concrete (Hpgc) With Improved Strength And Chloride Ion Penetration Resistance By Synergistic Action Of Fly Ash, Nanoparticles And Corrosion Inhibitor	Harilal M., Rathish V.R., Anandkumar B., George R.P., Mohammed M.S.H.S., Philip J., Amarendra G.	Construction And Building Materials	2019		3	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Biosynthesis And Characterization Of Copper Oxide Nanoparticles From Indigenous Fungi And Its Effect Of Photothermolysis On Human Lung Carcinoma	Saravanakumar K., Shanmugam S., Varukattu N.B., Mubarakali D., Kathiresan K., Wang M.-H.	Journal Of Photochemistry And Photobiology B: Biology	2019		3	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Unveiling The Potentials Of Biocompatible Silver Nanoparticles On Human Lung Carcinoma A549 Cells And Helicobacter Pylori	Saravanakumar K., Chelliah R., Mubarakali D., Oh D.-H., Kathiresan K., Wang M.-H.	Scientific Reports	2019		3	B. S. Abdur Rahman Crescent Institute Of Science And Technology
A Review On Different Design Modifications Employed In Inclined Solar Still For Enhancing The Productivity	Kabeel A.E., Manokar A.M., Sathyamurthy R., Winston D.P., El-Agouz S.A., Chamkha A.J.	Journal Of Solar Energy Engineering, Transactions Of The Asme	2019		3	B. S. Abdur Rahman Crescent Institute Of Science And Technology
A Review On Different Design Modifications Employed In Inclined Solar Still For Improving The Yield Of Fresh Water	Ravishankar Sathyamurthy., S A El Agouz., A E Kabeel., Muthu Manokar Athikesavan., D Prince Winston., Ali J Chamkha	Journal Of Solar Energy Engineering, Transactions Of The Asme	2019		3	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Tribo Performance Of	Sathickbasha K., Selvakumar A.S.,	Lecture Notes In Mechanical	2019		3	B. S. Abdur Rahman

Brake Friction Composite With Stainless Steel Fiber	Sai Balaji M.A., Surya Rajan B., Javeed Ahamed M.	Engineering				Crescent Institute Of Science And Technology
Alzheimer Detection Using Group Grey Wolf Optimization Based Features With Convolutional Classifier	Shankar K., Lakshmanprabu S.K., Ashish Khanna., Sudeeptanwar., Joel J.P.C.Rodriguese , Nihar Ranjanroy	Computers & Electrical Engineering	2019		2	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Security Aware Routing Protocol For Hybrid Wireless Network (Sarp-Hwns) Via Trust Enhanced Mechanism	Kumar A.V., Mohideen S.K.	International Journal Of Business Data Communications And Networking	2019		2	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Microwave Irradiation Mediated Synthesis Of Needle-Shaped Hydroxyapatite Nanoparticles As A Flocculant For Chlorella Vulgaris	Mubarakali D.	Biocatalysis And Agricultural Biotechnology	2019		2	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Tribological Performance Evaluation Of Epoxy Modified Phenolic Fc Reinforced With Chemically Modified Prosopis Juliflora Bark Fiber	B Surya Rajan., M A Sai Balaji., S .Rasool Mohideen	Material Research Express	2019		2	B. S. Abdur Rahman Crescent Institute Of Science And Technology
The Dual Role Of Metal Sulfides As Lubricant And Abrasive: An Interface Study In Friction Composite	K Sathickbasha., A. S. Selvakumar., M. A. Sai Balaji., B. Surya Rajan	Materials Research Express	2019		2	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Dielectric Properties Of Polyvinyl Alcohol (Pva) Nanocomposites Filled With Green	P. Lokanatha Reddy., Kalim Deshmukh., K. Chidambaram., Mohammad M. Nazeer Ali.,	Journal Of Materials Science: Materials In Electronics	2019		2	B. S. Abdur Rahman Crescent Institute Of Science And

Synthesized Zinc Sulphide (Zns) Nanoparticles	Kishor Kumar Sadasivuni., Y. Ravi Kumar., R. Lakshmi pathy., S. K. Khadheer Pasha., Zameer Gulzar., L. Arun Raj., A. Anny Leema					Technology
An Effect Of Big Data Technology With Ant Colony Optimization Based Routing In Vehicular Ad Hoc Networks: Towards Smart Cities	Lakshmanprabu S.K., Shankar K., Sheeba Rani S., Abdulhay E., Arunkumar N., Ramirez G., Uthayakumar J.	Journal Of Cleaner Production	2019		2	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Ict's Role In Building And Understanding Indian Telemedicine Environment: A Study	S. Syed Thouheed Ahmed., S. Shankar., M. Sandhya	Information And Communication Technology For Competitive Strategies	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Real-Time Biomedical Recursive Images Detection Algorithm For Indian Telemedicine Environment	Thouheed Ahmed S., Sandhya M.	Advances In Intelligent Systems And Computing	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
An Efficient Method To Detect Communities In Social Networks Using DbSCAN Algorithm	Khatoun M., Banu W.A.	Social Network Analysis And Mining	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Effective Features To Classify Ovarian Cancer Data In Internet Of Medical Things	Elhoseny M., Bian G.-B., Lakshmanprabu S.K., Shankar K., Singh A.K., Wu W.	Computer Networks	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Fungal-Mediated Synthesis Of Pharmaceutically Active Silver Nanoparticles And Anticancer	Akther, Tahira; Mathipi, Vabeiryureilai; Kumar, Nachimuthu Senthil;	Environmental Science And Pollution Research	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And

Property Against A549 Cells Through Apoptosis	Davoodbasha, Mubarakali; Srinivasan, Hemalatha					Technology
An Investigation On The Role Of Salicylic Acid Alleviate The Saline Stress In Rice Crop (Oryza Sativa (L))	Mohd Shahanbaj Khan., Tahira Akther., Davoodbasha Mubarakali., Srinivasan Hemalatha	Biocatalysis And Agricultural Biotechnology	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Solution Plasma Process: An Option To Degrade Bisphenol A In Liquid-Phase To Non-Toxic Products	Mubarakali D., Park J., Han T., Srinivasan H., Lee S.-Y., Kim J.-W.	Journal Of Molecular Liquids	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Tribological Performance Evaluation Of Newly Synthesized Silane Treated Shell Powders In Friction Composites	Surya Rajan B., Balaji M.A.S., Mohamed Aslam Noorani A.B., Khateeb M.U.H., Hariharasakthisud an P., Doss P.A.	Materials Research Express	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Annual Performance Analysis Of Adding Different Nanofluids In Stepped Solar Still	Hitesh Panchal., Ravishankar Sathyamurthy., A. E. Kabeel., S. A. El-Agouz., Dsilva Rufus., T. Arunkumar., A. Muthu Manokar., D. Prince Winston., Atul Sharma., Nishant Thakar., Kishor Kumar Sadasivuni	Journal Of Thermal Analysis And Calorimetry	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Fuel Waste To Fluorescent Carbon Dots And Its Multifarious Applications	Venkatesan S., Mariadoss A.J., Arunkumar K., Muthupandian A.	Sensors And Actuators, B: Chemical	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Synthesis And Characterization Of Fe(NO ₃) ₂ -Nio Composite As A Photocatalyst For Degradation Of Methylene Blue Dye Under Uv-Irradiation	Muthusamy K., Muzaffar A., M. B.A.	Optik	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology

Schiff Base Rare Earth Metal Complexes: Studies On Functional, Optical And Thermal Properties And Assessment Of Antibacterial Activity	Andiappan K., Sanmugam A., Deivanayagam E., Karuppasamy K., Kim H.-S., Vikraman D.	International Journal Of Biological Macromolecules	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Structural Modification Of ZnO Nanorod Array Through Fe-Doping: Ramification On Uv And Humidity Sensing Properties	Ismail A.S., Mamat M.H., Shameem Banu I.B., Amiruddin R., Malek M.F., Parimon N., Zoolfakar A.S., Md. Sin N.D., Suriani A.B., Ahmad M.K., Rusop M.	Nano-Structures And Nano-Objects	2019		1	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Development Of Novel TiO ₂ -Cu ₂ (OH)PO ₄ Heterojunction As Nanophotocatalyst For Improved Cr (VI) Reduction	Egambaram Dhivya., Trilochan., Deviga Magadevan., Noor Danish Ahar Mundari., Noor Aman Ahrar Mundari	Journal Of Environmental Chemical Engineering	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Conceptual Design Of Hybrid Pcsk9 Lead Inhibitors Against Coronary Artery Disease	Puratchikody A., Irfan N., Balasubramanian S.	Biocatalysis And Agricultural Biotechnology	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Clinical Findings Of Sydenham's Chorea And Comparison Of The Efficacy Of Sodium Valproate And Carbamazepine Drug Use	Shaheedha Sm., Vijaya Vara Prasad M	International Journal Of Research In Pharmaceutical Sciences	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
The Effect Of Antioxidants In Acute Amitriptyline Poisoning	Kadar Ali S.H., Raja W.A.	Toxicology Reports	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Investigation For Assessing Dengue In	S.M. Shaheedha., M. Vijaya Vara	International Journal Of Research In	2019		0	B. S. Abdur Rahman Crescent

Children With Their Clinical Presentation.	Prasad	Pharmaceutical Sciences				Institute Of Science And Technology
An Optimized Rtsrv Machine Learning Algorithm For Biomedical Signal Transmission And Regeneration For Telemedicine Environment	Ahmed S.T., Sandhya M., Sankar S.	Procedia Computer Science	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Intelligent Three-Pin Adapter: A Turnkey lot Solution	Aisha Banu W., Sankar S., Sandhya M., Krishna Sagar N., Imran M.	5th International Conference On Electrical Energy Systems, Icees 2019	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Dominator Coloring Of Mycielskian Graphs	A. Mohammed Abid., T.R. Ramesh Rao	Australasian Journal Of Combinatorics	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
A Dynamic Moom Dataset Processing Under Telmed Protocol Design For Qos Improvisation Of Telemedicine Environment	Ahmed S.T., Sandhya M., Sankar S.	Journal Of Medical Systems	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
An Empirical Investigation Of Efficiency And Productivity In The Indian Non-Life Insurance Market	Ashiq Mohd Ilyas., S. Rajasekaran	Benchmarking: An International Journal	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Analysis Of A Non-Markovian Single Server Batch Arrival Queueing System Of Compulsory Three Stages Of Services With Fourth Optional	Vignesh P., Srinivasan S., Sundari S.M.	International Journal Of Operational Research	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology

Stage Service, Service Interruptions And Deterministic Server Vacations						
Ranking Cloud Render Farm Services For A Multi Criteria Recommender System	Annette J.R., Banu A.	Sadhana - Academy Proceedings In Engineering Sciences	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Optimal Reserve Inventory From Output Of One Machine To Input Of Two Machines When Inter-Arrival Breakdown Is A Random Variable	Nandakumar C.D., Srinivasan S., Sathiyamoorthi R.	International Journal Of Process Management And Benchmarking	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
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Tailoring The Multiferroic Properties Of Bifeo3 By Co-Doping Er At Bi Site With Aliovalent Nb, Mn And Mo At Fe Site	S. Divya Lakshmi., I B. Shameem Banu	International Journal Of Applied Ceramic Technology	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
The First Recyclable, Nanocrystalline Cds Thin Film Mediated Eco-Benign Synthesis Of Hantzsch 1, 4 Dihydropyridines, 1, 8-Dioxodecahydro acridine And Polyhydroquinolines Derivatives	Lavanya G., Venkatapathy K., Magesh C.J., Perumal P.T., Sathishkumar R., Amudha P.	Applied Organometallic Chemistry	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Structural, Optical, And Electrical Evolution Of Sol-Gel-Immersion Grown Nickel Oxide Nanosheet Array Films On Aluminium Doping	G. Vijayaraghavan., M K Yaakob., M K Ahmad., M Rusop., M H Mamat., N Parimon., A S Ismail., I. B. Shameem Banu., S. Sathik Basha., A B Suriani	Journal Of Materials Science: Materials In Electronics	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Synthesis, Computational Predictions Of Selective Bioactive Nicotinamide Derivatives And In Vitro Biological	Thirunavukarasu J., Begam R., Shajahan A.	Journal Of Molecular Structure	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology

Evaluations						
Synthesis Of Titanium Based Hetero Mof Photocatalyst For Reduction Of Cr (Vi) From Wastewater	Dhivya E., Magadevan D., Palguna Y., Mishra T., Aman N.	Journal Of Environmental Chemical Engineering	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Shape Memory Polymer Composites In Biomedical Field	Aqib Muzaffar., Kalim Deshmukh., M. Basheer Ahamed., S. K. Khadheer Pasha	Polymer Nanocomposites In Biomedical Engineering	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Simple And Mild Stereoselective O-Glycosidation Using 1,2-Anhydrosugars Under Neutral Conditions	S. Bhagavathy., Devaraj Somasundaram., Kalpattu K Balasubramanain	Tetrahedron Letters	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Processing And Industrial Applications Of Sustainable Nanocomposites Containing Nanofillers	Khadija Zadeh., Sadiya Waseem., Kishor Kumar Sadasivun., Kalim Deshmukh., Aqib Muzaffar., M. Basheer Ahamed., Mariam Al-Ali Almaadeed	Sustainable Polymer Composites And Nanocomposites	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Pyrene-Based Prospective Biomaterial: In Vitro Bioimaging, Protein Binding Studies And Detection Of Bilirubin And Fe ³⁺	Srinivasan V., Jhonsi M.A., Dhenadhayalan N., Lin K.-C., Ananth D.A., Sivasudha T., Narayanaswamy R., Kathiravan A.	Spectrochimica Acta - Part A: Molecular And Biomolecular Spectroscopy	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
N- Doped Carbon Wrapped Polyoxometalate Derived From Pom-II Hybrid: A Heterogeneous Catalyst For The Synthesis Of Coumarin Derivatives Under Solvent-Free Conditions	Meenakshi Ramalingam., Chandhru Mani., Sundar Manickam., Kutti Rani Srinivasalu	European Journal Of Inorganic Chemistry	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology

Magnetolectric Coupling Of Manganese Ferrite– Potassium Niobate Lead-Free Composite Ceramics Synthesized By Solid State Reaction Method	P. Komalavalli., I. B. Shameem Banu., M. Shahid Anwar	Journal Of Materials Science: Materials In Electronics	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Substitution Driven Optical And Magnetic Properties Of Neodymium And Nickel Doped Bifeo3 Ceramics For Spintronics Applications	Banu I.B.S., Lakshmi S.D., Kossar S., Mundari N.A.A.	Proceedings Of The IEEE International Conference On Recent Trends In Electrical, Control And Communication & RTECC 2018	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Need For Clil Approach To Teaching In Indian Schools	Anuradha T., Viswanathan R.	Asian Efl Journal	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Impact Of Baso 4 Filler On Woven Aloe vera/Hemp Hybrid Composite: Dynamic Mechanical Analysis	Arulmurugan M., Prabu K., Rajamurugan G., Selvakumar A.S.	Materials Research Express	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
From The Conference Chair	Mohideen S.K.	Proceedings Of The IEEE International Conference On Recent Trends In Electrical, Control And Communication & RTECC 2018	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Increased Expression Of Tgf-B And Infy In Peripheral Blood Mononuclear Cells (Pbmcs) Cultured In Conditioned Medium (Cm) Of	Mohamed Adil, Aa, Lavanya V, Kchitra, Shazia Jamal, Ashok Kumar Pandurangan And Neesar Ahmed	Journal Of Environmental Pathology, Toxicology And Oncology	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology

K562 Cell Culture						
Fault Diagnosis Of Self-Aligning Troughing Rollers In Belt Conveyor System Using K-Star Algorithm	Ravikumar S., Kanagasabapathy H., Muralidharan V.	Measurement: Journal Of The International Measurement Confederation	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Design Of Half Elliptic Circular Slot Monopole Antenna On A Partial Or Defected Rectangular Ground Plane For Wlan & Uwb Applications	Priya A., Mohideen S.K.	Proceedings Of The IEEE International Conference On Recent Trends In Electrical, Control And Communication & RTECC 2018	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Complex Environment Fuzzy Vision Computing	Khan A., Li J.-P., Khan J., Mohamed Jasim K., Alam R., Niaz Ahamed V.M.	2018 15th International Computer Conference On Wavelet Active Media Technology And Information Processing, Iccwamtip 2018	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Climate-Smart Groundnuts For Achieving High Productivity And Improved Quality: Current Status, Challenges, And Opportunities	Liao., Ramesh S. Bhat., Nagamadhuri., S. Hemalatha., Hari K. Sudini., Pasupuleti Janila., Putta Latha., Hasan Khans., Babu N. Motagi., T. Radhakrishnan., Naveen Puppala., Rajeev K. Varshney., Manish K. Pandey., Sunil S. Gangurde., Rakesh Kumar., Arun K. P	Genomic Designing Of Climate-Smart Oilseed Crops	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Analysis Of Different Csrr Structures On Microstriptransmi	Ambika A., Tharini C., Roashna K., Sujitha R.P.,	Proceedings Of The IEEE International Conference On Recent Trends	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And

ssion Lines	Begam J.R.	In Electrical, Control And Communication & RTECC 2018				Technology
VIs Model For Content Words: An Experimental Study On Engineering Students In India	Uma Maheswari V., A.Shahin Sultana	Journal Of Language Studies	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Study Of MasrcI3 And Masr(1-X)Sn(X)Cl3 Perovskite As Light Harvesting Material In Optoelectronic Devices	S Sathik Basha., Gopinathan N., S Mohamed Asif	Indian Journal Of Environmental Protection	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Simplification Of Application Operations Using Cloud And Devops	Premchand A., Sandhya M., Sankar S.	Indonesian Journal Of Electrical Engineering And Computer Science	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Simulation Of Quantum Encoder Decoder With Flip Bit Error Correction Using Reversible Quantum Gates	Anitha R., Vijayalakshmi B.	Proceedings Of The IEEE International Conference On Recent Trends In Electrical, Control And Communication & RTECC 2018	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Software Fault Prediction Based On Change Metrics Using Hybrid Algorithms: An Empirical Study	Rhmann W., Pandey B., Ansari G., Pandey D.K.	Journal Of King Saud University - Computer And Information Sciences	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Ontology Supported Hybrid Recommender System With Threshold Based Nearest Neighbourhood Approach	P. Lokanatha Reddy., Kalim Deshmukh., K. Chidambaram., Mohammad M. Nazeer Ali., Kishor Kumar Sadasivuni., Y. Ravi Kumar., R. Lakshmipathy., S. K. Khadheer	International Journal Of Information And Communication Technology Education	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology

	Pasha., Zameer Gulzar., L. Arun Raj., A. Anny Leema					
Mutual Profit Increment For Cloud User And Resource Providers Efficient Resource Utilization Auction Method In Cloud Computing	Ali M.B.D., Somasundaram A.	International Journal Of Intelligent Engineering And Systems	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology
Isolation And Identification Of Culturable Bacteria From Honeydew Of Indian Lac Insect, Kerria Lacca (Kerr) (Hemiptera: Tachardiidae)	Shamim G., Sharma K.K., Ramani R.	Meta Gene	2019		0	B. S. Abdur Rahman Crescent Institute Of Science And Technology

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty Attended	International level	National level	State level
Seminars/ Workshops	69	75	219
Presented papers	99	53	---
Resource Persons	5	4	7

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) & department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. S. Rasool Mohideen Mechanical	Consultancy Training program for employees of M/s. Apollo Tyres Pvt Ltd	Apollo Tyres Pvt Ltd, Oragadam, Chennai. Ernest Koil Raj, Team Leader (HR), 7972636105, earnest.koilraj@apolloytyres.com	31.52
Prof. Jayalakshmi Architecture	Interior Design of Electrical Manufacturing Facility	Deekay Electricals, Gunidy, Chennai, tamil, Nadu, Phone no 09884292000	13.62
Dr. N. Ayyanathan Computer	Energy analytics related Big data framework for Indian sothern	GB Power projects Pvt.Ltd IV Floor, Guna Building annex,	0.50

Application (CA)	region power distribution systems and segment wise grid operations time series demand modeling	443, Anna Salai, Teynampet, Chennai - 600 018.	
Prof. Jayalakshmi Architecture	Design of housing units with landscaping	Gugan residence Chennai	19.50
Dr. G.V. Vijayaraghavan Physics	Training on Non-Linear Optical studies and Laser Damage Threshold studies	Request from different Institutions and Universities	1.28
Dr. P. Vasanthi Mr. Y. Ibrahim Civil	Testing on Water Quality	S.S. Consultancy No.19/10, Bazullah road BRB Apartment, T. Nagar Chennai, Tamil Nadu 600017 Phone : 090038 38597	0.10
Dr.V.S.Priya Der.P. Vasanthi Civil	Sewage Treatment Plant	Arts and Science college for Adhiparasakthi Siddhar Peeda Women's Charitable Trust G.B. Nagar, Vellore District, Kalavai, India - 632 506, Phone: 04173-242226	0.10
Dr.P.Vasanthi Civil	Soil Testing of Mohamed Meeran	Sundarapuram Administrative Society Kamudi, Ramanathapuram - 623603	0.05
Dr.M.S.Haji Sheik Mohammed Civil	Water quality standard	Crescent Girls Higher sec.School, Rina Mandal Rd, Pycrofts Garden Rd, Thousand Lights West, Nungambakkam, Chennai, Tamil Nadu 600006 Phone: 044 2827 4616	0.09
Dr.P.Vasanthi Civil	Adequacy report for proposed Sewage treatment plant	Sobha Developers Ltd, No 88 Poly House Tower SPIC Annexe Building 5th Floor, Mount Road, Guindy, Chennai - 600032 Phone: 044-22350115,044 22350117	0.10
Dr.G.Madumathi Civil	Compressive strength of concrete cubes of 150mm size	Chennai Metropolitan Development Authority 'Thalamuthu-Natarajan Maaligai', No.1, Gandhi Irwin Road, Egmore, Chennai – 600 008. Phone : 28414855	0.03
Mr.Basanta Kumar Behera Mr Murali Manohar Mrs Sindhu K P Polymer Engineering	Consultancy training programme to Industry employees of M/s. Bridgestone India Automotive Products Private Limited.	Bridgestone India Automotive Products Private Limited No.136, Vaipur 'B' Block, Eraiyur Village, Mathur Post, Taluk, Oragadam Industrial	0.76

		Corridor, Sriperumbudur, Tamil Nadu 602105 Phone: 044 2715 2500	
Mr.Mukundan Mr.D.Muralimanohar Mr.Basanta Kumar Behera Polymer Engineering	Testing of Samples during the whole year	Request from different Institutions and Universities	1.54
Dr. T.R. Tamilarasan Automobile	Disc Wear Testing	M/s WABCO INDIA Limited, Ambattur, Chennai, Ph no 044-42242000	0.02
Dr. T.R. Tamilarasan Automobile	Disc Wear Testing	Pondicherry Engg. College East Coast Road, Pillaichavadi, Puducherry, 605014 Mr. Yamunadevi Phone 0413 265 5281	0.1
Mr. S. Loganathan Mechanical	Cryogenic Treatment	SRM Institute of Science & Technology Mahatma Gandhi Rd, Potheri, SRM Nagar, Kattankulathur, Tamil Nadu 603203	0.13
Mr. S. Loganathan Mechanical	Cryogenic Treatment	SRM Institute of Science & Technology Mahatma Gandhi Rd, Potheri, SRM Nagar, Kattankulathur, Tamil Nadu 603203	0.01
Mr. S. Loganathan Mechanical	Cryogenic Treatment	SRM Institute of Science & Technology Mahatma Gandhi Rd, Potheri, SRM Nagar, Kattankulathur, Tamil Nadu 603203	0.25
Dr. T.R. Tamilarasan Automobile	Disc Wear Testing	Thangavelu Engg College IT Highway Complex, Number 6, Old Mahabalipuram Rd, Karappakam, Chennai, Tamil Nadu 600096 Phone: 044 6604 1234	0.05
Dr. T.R. Tamilarasan Automobile	Disc Wear Testing	A.J. College of EducationKrishnauniversity Campus, Raju Peta, Krishna District, Machilipatnam, Andhra Pradesh 521001	0.06
Dr. T.R. Tamilarasan Automobile	Disc Wear Testing	Thangavelu Engg College IT Highway Complex, Number 6, Old Mahabalipuram Rd, Karappakam, Chennai, Tamil Nadu 600096 Phone: 044 6604 1234	0.05
Dr. T.R. Tamilarasan Automobile	Disc Wear Testing	SRM Institute of Science & Technology Mahatma Gandhi Rd, Potheri,	0.02

		SRM Nagar, Kattankulathur, Tamil Nadu 603203 Phone: 044 4743 7500	
Dr. T.R. Tamilarasan Automobile	Pin on disc wear testing	SRM Institute of Science & Technology Mahatma Gandhi Rd, Potheri, SRM Nagar, Kattankulathur, Tamil Nadu 603203 Phone: 044 4743 7500	0.29
Dr. L.Shakkeera IT	Setting up of mobile cloud computing facility	Firstsoft Technologies Private Limited No: 25, Ground Floor, 8th Street, Dr. Subbarayan Nagar, Kodambakkam, Chennai - 600 024. Phone: 044 - 43578157 Email: info@firstsofttech.com	0.10
Dr. Latha Tamilselvan IT	Consultancy for setting up cloud lab	Cloud Masters technology solutions No:20, Rajamanickam Street, New Perungalathur, Chennai - 600 063. Phone: 9003091631, 044- 22743272 Contact Person: Maridhasan Arjunan	0.25
Dr. G.Kavitha IT	Consultancy for setting up cloud lab	Cloud Masters technology solutions No:20, Rajamanickam Street, New Perungalathur, Chennai - 600 063. Phone: 9003091631, 044- 22743272 Contact Person: Maridhasan Arjunan	0.25
Ms. R.Priyadarshini IT	Testing Modern Web Applications	Gain Valuable SolutioN No: 164/G4, Nisha Plaza, Karuneeagar Street, Adambakam, Chennai - 600 088 Phone: 9841615418 Email: gainvaluesolution@gmail.com	0.10
Mr. N.Rajendran & Ms. R.Priyadarshini IT	Design and Testing Consultancy for Mobile App Development	Gain Valuable SolutioN No: 164/G4, Nisha Plaza, Karuneeagar Street, Adambakam, Chennai - 600 088 Phone: 9841615418 Email: gainvaluesolution@gmail.com	0.12

Ms. A.Priya ECE	Training on Vector Network Analyzer	Adhiparasakthi Engg College SH 115, Melmaruvathur, Tamil Nadu 603319 Phone: 044 2752 9247	0.03
Dr.D. Esawrmorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	St.Josephs College of Engg Old Mahapalipuram Road, Chennai - 119 Phone:044 - 24501060, 24501449 Email: jprstjosephs@stjosephs.ac.in	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Easwari Engg College 162, Bharathi Salai, Ramapuram, Ramapuram, Chennai, Tamil Nadu 600089 Phone: 044 4392 3041	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Easwari Engg College 162, Bharathi Salai, Ramapuram, Ramapuram, Chennai, Tamil Nadu 600089 Phone: 044 4392 3041	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Dhaanish Ahmed College of Engineering Dhaanish Nagar Vanchuvancherry Padappai, Near, Tambaram, Chennai, Tamil Nadu 601301 Phone: 044 4203 4893	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Loyola – ICAM Loyola Campus, Nungambakkam, Chennai, Tamil Nadu 600034 Phone: 044 2817 8490	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Loyola – ICAM(LICET) Loyola Campus, Nungambakkam, Chennai, Tamil Nadu 600034 Phone: 044 2817 8490	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Velammal Inst.Of Tech Velammal Knowledge Park, Kolkatta High Road, Panchetti 601204 91 44 30446300-306	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Loyola – ICAM Loyola Campus, Nungambakkam, Chennai, Tamil Nadu 600034 Phone: 044 2817 8490	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Loyola – ICAM(LICET) Loyola Campus, Nungambakkam, Chennai,	0.02

		Tamil Nadu 600034 Phone: 044 2817 8490	
Ms. A.Priya ECE	Training on Vector Network Analyzer	Hindustan Institute of Technology and Science 1, Rajiv Gandhi Salai, Old Mahabalipuram Road, Padur, Kelambakam, Chennai, Tamil Nadu 603103 Phone: 044 2747 4395	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Sri Lakshmiammal Engg College 83, 3, Agaram Main Rd, Tiruvanchery, Selaiyur, Chennai, Tamil Nadu 600126 Phone: 044 2229 0443	0.02
Ms. A.Priya ECE	Training on Vector Network Analyzer	Hindustan Institute of Technology and Science 1, Rajiv Gandhi Salai, Old Mahabalipuram Road, Padur, Kelambakam, Chennai, Tamil Nadu 603103 Phone: 044 2747 4395	0.02
Dr.C.Tharini ECE	Training on PCB Milling Machine	Prince Venkateshwara Engg College Mambakkam - Medavakkam Main Rd, Ponmar, Chennai, Tamil Nadu 600127 Phone: 090470 40412	0.01
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madha Engineering College Madha Nagar, Kundrathur, Chennai, Tamil Nadu 600069 Phone: 044 2478 0732, Adiparasakthi Engineering College SH 115, Melmaruvathur, Tamil Nadu 603319 Principal: Dr. V. Ramasamy Phone: 044 2752 9247 & (Multiple Colleges)	0.11
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06

Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.06
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Anna University Guindy, Chennai, Tamil Nadu 600025	0.04
Ms. A. Ambika ECE	Training on Vector Network Analyzer	Sri Venkateswara College of Engineering (SVCE) Pennalur Village, Bengaluru - Chennai Highway, Tk, Sriperumbudur, Tamil Nadu 602117	0.02
Ms. A. Ambika ECE	Training on Vector Network Analyzer	Sri Venkateswara College of Engineering (SVCE) Pennalur Village, Bengaluru - Chennai Highway, Tk, Sriperumbudur, Tamil Nadu 602117	0.02
Dr.D. Esawrmoorthy	Testing on Diffuse reflectance	DG Vaishnav College	0.01

Chemistry	Spectroscopy	O.833, Gokul Bagh, Poonamallee High Rd, Arumbakkam, Chennai, Tamil Nadu 600106 Phone: 044 2363 5101	
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Rajeswari Vedachalam Government Arts College GST Road, Anna Nagar, Chengalpattu, Tamil Nadu 603001 Phone: 044 2743 1257	0.01
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Madras Christian College East Tambaram, Tambaram, Chennai, Tamil Nadu 600059 Phone: 044 2239 6772	0.01
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Pachaiyappa's College Poonamallee High Rd, Shenoy Nagar, Chetpet, Chennai, Tamil Nadu 600030 Phone: 044 2641 2844	0.01
Dr.D. Esawrmoorthy Chemistry	Training and consultancy on Fourier Transform infrared spectroscopy	Rajeswari Vedachalam Government Arts College GST Road, Anna Nagar, Chengalpattu, Tamil Nadu 603001 Phone: 044 2743 1257	0.01
Dr.D. Esawrmoorthy Chemistry	Testing on Fourier Transform infrared spectroscopy	Justice Basheer Ahmed Sayeed College for Women (SIET) 56, KB Dasan Rd, Teynampet, Chennai, Tamil Nadu 600018 Phone: 044 2436 4152	0.01
Dr.D. Esawrmoorthy Chemistry	Testing on Diffuse reflectance Spectroscopy	The New College New No. 147, Old No. 87, Peters Rd, Royapettah, Chennai, Tamil Nadu 600014 Phone: 044 2835 1269	0.01
Mr. N.Rajendran IT	Testing Modern Web Applications	Gain Valuable SolutioN No: 164/G4, Nisha Plaza, Karuneegar Street, Adambakam, Chennai - 600 088 Phone: 9841615418 Email: gainvaluesolution@gmail.com	0.10

3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) &	Title of the Programme	Agency seeking training	Revenue generated	Number of trainees
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Department			(amount in rupees)	
Dr. R. Raja Prabu EEE	Training program for faculties of UiTM, Malaysia	UiTM, Sarawak, Malaysia Mr. Abdul Rahman Saili arsaili76@gmail.com	2.03	6
Dr. S. Rasool Mohideen Mechanical	Training program for employees of M/s. Mando Automotive India Pvt Ltd	Mando Automotive India Pvt Ltd. R.Ramakrishnan, DGM (HR),7824800313, r.ramakrishnan@halla.com	44.66	126
Dr. HAIDER YASMEEN MBA	Training Program for Vice Chancellor's of different University Administration and Management	Government of India, Ministry of Human Resource Development (MHRD)	1.69	50
Dr. HAIDER YASMEEN MBA	Academic Leadership Training for Statutory Board Members of various University	Government of India, Ministry of Human Resource Development (MHRD)	2.96	60
Dr. R. Raja Prabu EEE	Training program for faculties of UiTM, Malaysia	UiTM, Sarawak, Malaysia Mr. Abdul Rahman Saili arsaili76@gmail.com	1.53	6
Dr. S. Rasool Mohideen Mechanical	Training program for employees of M/s.Apollo Tyres Pvt Ltd	Apollo Tyres Pvt Ltd, Oragadam, Chennai. Ernest Koil Raj, Team Leader (HR),7972636105, earnest.koilraj@apolloytyres.com	34.21	7
Dr. HAIDER YASMEEN MBA	Training on Corporate Social Responsibility titled Leveraging on CSR for Creating Shared Value	Management Development Programme organized by MBA Dept in association with GGS Information Services Pvt. Ltd.(DI)	0.50	51

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
General Orientation Programme	NSS Units	5	600
Anti Drug Awareness Programme and a Visit to Karanai Puducherry Village	NSS Units	4	50
Pit Shope Cleaning	NSS Units	4	100
Visiting of Akshaya Old Age	NSS Units	2	50

Home			
Traffic and Helmet Awareness Campaign	NSS Units	2	100
Arasankalani Lake Cleaning	NSS Units	2	70
Kerala Flood Relief Materials Contributions	NSS/YRC/RRC	4	50
National Conference on Youth Volunteering	NSS Units	3	25
Cleaning Programme Conducted (Swatch Bharat)	NSS Units	4	125
National Teacher's Day celebrated on 5th September, 2018 by Planting the tree sapling in University premises.	NSS Units/YRC	2	150
Participation in PFMS Training Programme	NSS Units	3	10
Participation in Mega Tree Plantation at Mahindra City	NSS Units	4	500
Youth Awakening Day Programme Conducted at Panchayat Union Middle School, Keerapakkam, Chennai	NSS Units	4	35
'Youth Awakening Day' in Commemoration of Dr A P J Abdul Kalam Birth Anniversary on	NSS Units	3	60
Diwali Celebration At Good Life Centre, Tambaram	NSS Units	4	50
One Day Orientation Training Programme For Nss Programme Officers	NSS Units	4	50
Observance of World AIDS day 2018 at Crescent	NSS Units	2	100
Food & Health Awareness Training To NSS Volunteers	NSS Units & Government of TN	2	50
NSS Students are Participated in Food & Health Awareness at Vandalur, Conducted by Food Safety Department Of Tamil Nadu	NSS Units & Government of TN	3	30
Distribution of Flood Meterials to the Gaja Cyclone Affected Victims of Tamil Nadu	NSS Units & Roraract Club	4	20
Voters Day Awareness	NSS Units & Election Commission Government of TN	4	100
Drug Free India Campaign by The 'Art of Living'	NSS Units & Art of Living	3	100

International Women's Day	NSS Units	3	200
National Integration Camp-Rannibennur, Karnataka,	NSS Units	1	10
Lok Sabha Election orientation Programme	NSS Units/Election Commission of India	3	75
Food Adulteration Awareness Programme conducted	NSS Units & Food safety department Government of TN	3	150

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Youth Awakening Day Programme Conducted at Panchayat Union Middle School, Keerapakkam, Chennai	Appreciation Letter from Head master	School of Education Government of TN	35
One Day Orientation Training Programme For Nss Programme Officers	Appreciation Letter	NSS Regional Directorate, Ministry of Youth Affairs and Sports, Government of India	50
Food Adulteration Awareness Programme conducted	Appreciation Letter	Tamil Nadu Food Safety and Drug Administration Department, Food Safety wing, Kancheepuram.	150
Distribution of Flood Materials to the Gaja Cyclone Affected Victims of Tamil Nadu	Appreciation Letter	Nagore, Crescent Matriculation School, Nagore, Nagapattinam.	500
Diwali Celebration At Good Life Centre, Tambaram	Appreciation Letter	Good life Centre, Home for Homeless Children, Chennai.	75

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated in such activities	Number of students participated in such activities
National Service Scheme	NSS Regional Directorate, Ministry of Youth Affairs and Sports, Government of India	NSS-National Integration Camp	4	30
National Service Scheme	Tamil Nadu Food Safety and Drug Administration Department, Food Safety wing, Kancheepuram.	Food Adulteration Awareness programme	4	30
National Service Scheme	BSACIST	Beach cleaning drive	8	90
National Service Scheme	Dr. Abdul Kalam Trust,	Awareness rally on youth awakening day	7	65

	Kancheepuram			
National Service Scheme	Tamilnadu Election Commission	Awareness programme on right to vote	9	85
Unnath Bharath abyaan	Ministry of Rural Development	Household survey and village survey (6 Villages)	36	600
Unnath Bharath Abyaan	Ministry of Rural Development	Environmental Awareness Camp	12	200
National Service Scheme	BSACIST	Chennai's biggest trio rally	20	170
National Service Scheme	BSACIST	Lake Cleaning	3	35
National Service Scheme	BSACIST	NSS – orphanage visit, anaikkum karangal	3	30
National Service Scheme	BSACIST	Activities at Akshaya old age home	3	30
National Service Scheme	BSACIST	Womens day Celeberation, Adanur Panchayat	15	200
National Service Scheme	Panchayat Union Middle school, Keerappakkam	Societal Activity, Keerappakkam	2	35
National Service Scheme	Panchayat Union Middle school, Keerappakkam	Career guidance to the government school students, Keerappakkam	2	20
National Service Scheme	BSACIST	Eye camp	3	20
Crescent Blood Donors club	BSACIST	Blood donation camp	5	100
Crescent Blood Donors club	BSACIST	Blood donation camp	17	250
National Service Scheme	BSACIST	Blind empowerment champions	3	20
National Service Scheme	BSACIST	International non violence day	6	50
Social Technical Service club	BSACIST	Three Projects were implemented, Karinaipuducherry	6	50
National Service Scheme	BSACIST	Traffic and Helmet Awareness campaign , Vandalur	3	20
National Service Scheme	BSACIST	School campus Cleaning, Kumuzhi	2	30
National Service Scheme	BSACIST	World heart day celebrationcelebration (September 29th)	2	20
National Service Scheme	BSACIST	World blood donor day celebration(June 14th)	3	25
National Service Scheme	BSACIST	International red cross day celebration (May 8th)	2	20
National Service Scheme	BSACIST	Human rights day celebration(December 10th)	3	30

National Service Scheme	BSACIST	international anti-corruption day celebration(December 9th)	2	25
National Service Scheme	BSACIST	World diabetes day celebration(November 14th)	3	25
National Service Scheme	BSACIST	Happy engineers day celebration(September 15th)	4	25
National Service Scheme	BSACIST	World literacy day celebration(September 8th)	4	30
National Service Scheme	BSACIST	Olympic day celebration(June 23th)	3	30
National Service Scheme	BSACIST	World blood donor day celebration(June 14th)	5	30
National Service Scheme	BSACIST	Awareness Programme On Antidrug	4	40
Crescent Blood Donors	BSACIST	Friends Of Police	3	25
National Service Scheme	BSACIST	Awareness programme on right to vote	3	30
National Service Scheme	BSACIST	Arasankalani lake cleaning	5	35
National Service Scheme	BSACIST	Anti drug awareness programme	4	35
National Service Scheme	BSACIST	World Largest Recycle Logo	65	1726
National Service Scheme	BSACIST	Independence Day Celebration	23	100
EIE Department	BSACIST	Government School Visit	4	50
Crescent Blood Donors	BSACIST	Traffic and Helmet Awareness campaign	3	25
Staff Club	BSACIST	Teacher's Day Celebration	6	50
National Service Scheme	BSACIST	Surgical Strike Day Celebration	11	120
National Service Scheme	BSACIST	Unnat Bharat Abhiyan	23	150
Literary Club	BSACIST	National unity day 2018	5	50
National Service Scheme	Good Life Centre, Tambaram	Activities at orphans children	3	25
Center for leadership	Department of School Education, Government of Tamilnadu	Leadership training for Headmasters and Principals	10	300
National Service Scheme	BSACIST	World AIDS day 2018	2	40
National Service Scheme	BSACIST	Happy engineers day celebration(September 15th)	4	25
National Service Scheme	BSACIST	World literacy day celebration(September 8th)	4	30

National Service Scheme	BSACIST	Olympic day celebration(June 23th)	3	30
National Service Scheme	BSACIST	World blood donor day celebration(June 14th)	5	30
National Service Scheme	BSACIST	Awareness Programme On Antidrug	4	40
Crescent Blood Donors	BSACIST	Friends Of Police	3	25
National Service Scheme	BSACIST	Arasankalani lake cleaning	5	35
National Service Scheme	BSACIST	Anti drug awareness programme	4	35
National Service Scheme	BSACIST	World Largest Recycle Logo	65	1726
National Service Scheme	BSACIST	Independence Day Celebration	23	100
EIE Department	BSACIST	Government School Visit	4	50
Crescent Blood Donors	BSACIST	Traffic and Helmet Awareness campaign	3	25
Staff Club	BSACIST	Teacher's Day Celebration	6	50
National Service Scheme	BSACIST	Surgical Strike Day Celebration	11	120
National Service Scheme	BSACIST	Unnat Bharat Abhiyan	23	150
Literary Club	BSACIST	National unity day 2018	5	50

3.7 Collaborations

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Collaborative research publication	I. B. Shameem Banu, S. Sathik Basha, G. V. Vijayaraghavan	DST of Indian Government for the ASEAN-India Research & Training Fellowship Scheme (IMRC/AISTDF/R&D/P-1/2017)	6 Months
Collaborative research publication	I. B. Shameem Banu	DST of Indian Government for the ASEAN-India Research & Training Fellowship Scheme (IMRC/AISTDF/R&D/P-1/2017)	6 Months
Collaborative research publication	A. Ambika and C. Tharini	BSACIST and Universiti Teknologi MARA	6 Months
Collaborative research publication	I.B.Shameem Banu R.Amiruddin	DST of Indian Government for the ASEAN-India Research & Training Fellowship Scheme (IMRC/AISTDF/R&D/P-1/2017)	6 Months
Collaborative research publication	I. B. Shameem Banu	DST of Indian Government for the ASEAN-India Research & Training Fellowship Scheme (IMRC/AISTDF/R&D/P-1/2017)	6 Months
Collaborative research publication	Aqib Muzaffar, M. Basheer	Qatar National Research Fund, UREP23-116-2-041.	6 Months

		Ahamed		
Collaborative publication	research	AqibMuzaffara, M.BasheerAhamed	Science and Engineering Research Board, EMR/2016/006705.	6 Months
Collaborative publication	research	Aashique M	Department of Science and Technology, Ministry of Science and Technology, 6242-P5/RGCB/PMD/DBT/SMNB/2015.	5 Months
Collaborative publication	research	Ramalingam K	Science and Engineering Research Board, SERB, SERB/LS-267/2014.	5 Months
Collaborative publication	research	A. Muthumanokar	Kaferlshiekh University, Egypt and BSACIST	6 months
Collaborative publication	research	Davoodbasha MubarakAli	National Research Foundation of Korea (NRF) funded by the Ministry of Science, ICT (2017H1D3A1A01052610)	6 months
Collaborative publication	research	M. A.Saibalaji	Ministry of Coal, Government of India, 8-191/RFID/RPS/POLICY-1/2014-15.	6 months
Collaborative publication	research	Kalim Deshmukh	NPRP grant from the Qatar National Research Fund (NPRP 7-673- 2- 251)	7 months
Collaborative publication	research	Kalim Deshmukh	Qatar University, Doha, Qatar and BSACIST	7 months
Collaborative publication	research	Athikesavan Muthu Manokar	Tanta University, Tanta, Egypt and BSACIST	7 months
Collaborative publication	research	Venkatesan Srinivasan	DST-SERB Project (Ref. No. SB/FT/CS-125/2013, Dt. 30/06/2014)	4 months
Collaborative publication	research	Davoodbasha MubarakAli	Incheon National University, Republic of Korea and BSACIST	4 months
Collaborative publication	research	Davoodbasha MubarakAli	Ministry of Science, ICT and Future Planning, 2017H1D3A1A01052610.	4 months
Collaborative publication	research	S.K.Lakshmana prabu	University of Cauca, Colombia and BSACIST	8 months
Collaborative publication	research	Kalim Deshmukh	Qatar University and BSACIST	5 months
Collaborative publication	research	Venkatesan Srinivasana ,Mariadoss Asha Jhonsi	DST-SERB Project (Ref. No. SB/FT/CS-125/2013, Dt. 30/06/2014)	3 months
Collaborative publication	research	Aqib Muzaffara ,M. BasheerAhamed	Science and Engineering Research Board (DST-SERB) EMR/2016/006705	3 months
Collaborative publication	research	Lakshmanaprabu S.K.	Wenzhou Kean University, Wenzhou, Zhejiang Province, China and BSACIST	3 months
Collaborative publication	research	Showkat Ahmad	National Research Foundation of Korea, Republic of Korea funded by	1 months

	Lone,Sathya Raghunathana ,Mubarak Ali Davoodbasha b, Hemalatha Srinivasan	the Korean Government (No 2016R1D1A1A09918072)	
Collaborative research publication	Adil AAM	University of Alabama, Birmingham, 35205 USA and BSACIST	3 months
Collaborative research publication	D.Mubarak Ali	National Research Foundation of Korea (NRF) funded by the Korean Government (No 2016R1D1A1A09918072).	4 months
Collaborative research publication	Aashique M	National Institutes of Health, Grant/ Award Numbers: R21CA182103, RO1CA127943	4 months
Collaborative research publication	Vasimalai N	NanoDesk project (SOE1/P1/E0215) co-financed by the Interreg SUDOE Programme through the European Regional Development Fund (ERDF)	4 months

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Student Internship	Internship	Ernst&young LLP /+914466548100	07 January 2019-05 April 2019	Mr. N. Krishna Sagar
Student Internship	Internship	Peritus solutions private limited/No.2, 1st Floor, Third Street, Sri Sakthi Vijaylakshmi Nagar, Off 100 Feet Bypass Road, Velachery - Chennai - 600 042, Tamil Nadu, Phone: +91 44 48608788	02 January 2019-02 April 2019	Mr.Mohammed Ziyad A
Student Internship	Summer Internship	National Payments Corporation of India (NPCI)/+912240009100	04 June 2018-04 August 2018	C.Pooja Priyadarshini
Student Internship	Summer Internship	National Payments Corporation of India (NPCI)/+912240009100	04 June 2018-04 August 2018	Mohammad Ameena
Student Internship	Summer Internship	National Payments Corporation of India (NPCI)/+912240009100	04 June 2018-04 August 2018	Mohammad Afsar Rahuman M K
Student Internship	Summer Internship	National Payments Corporation of India (NPCI)/+912240009100	04 June 2018-04 August 2018	Mohammad Ashiq Rajja
Student Internship	Project Internship	SIDSYNC Technologies Pvt Ltd/Spaces.Express Avenue EA Chambers Tower II, No. 49/50L,, Whites Road, Royapettah,	03 Months	Mr.Joshua J

		Chennai, Tamil Nadu 600002		
Student Internship	Project Internship	Trail Cloud Innovation Services Private Limited	19 Nov,2018-March 2019	Mr. N.Imtiaz And Mr. K.V.S.Barth
Student Internship	Internship program	BSNL	11.06.18-15.06.18	Mr.Manikandan Prasanna Ms.Sobia Shafi Ms.Karthiyayini Manthra K.P.Nivetha Sandhiya.S Vishwamalini.S
Student Internship	Internship program	Codebind Tech	11.12.18-15.12.18	Mr.Prasanna
Student Internship	Internship program	Jio Industries	1 Month 03/06/2018- 03-07-2018	S.Saiprashanth
Student Internship	Internship program	BSNL	1 Week From 04-06-2018 To 08-06-2018	A.LakshmiPriya G.Aishwarya S.Priyanka Rohit Kumar Bansal Karthiyayini R
Student Internship	Internship program	Sands Signals and Systems Pvt. Limited,Sipcot IT Park, Siruseri, Chennai	1 Week (25/6/2018 To 29/06/2018)	Zainab Sheerin M S
Student Internship	Internship	Bharat Heavy Electricals Limited, Ranipet, Ranipet, Tamil Nadu 632406, 04172 284 665	July 2018 To Nov 2018	Aravind.B
Student Internship	Internship	M/S. Larsen & Turbo/Ecc, Chennai, P.B, No.979, Mount Poonamalle High Rd, Chennai, Tamil Nadu 600089, Phone : 044 2252 6000	July 2018 To Nov 2018	Srinivasan.K
Student Internship	Internship	BEEZ INNOVATION LABS PVT.LTD., CHENNAI, HQ10 Primus, Office no. 205, 2nd floor, SP-7A, South Phase, Guindy Industrial Estate, Guindy, Chennai, Tamil Nadu 600032, 044 4004 0468	July 2018 To Nov 2018	Govinda Sri Charan.D
Student Internship	Internship	KASIM TEXTILES & MILLS PVT.LTD, MADURAI, 39/1, Ramnad Main Road, Puliyanikulam, Madurai, Tamil Nadu 625201, : 0452 246 5555	July 2018 to Nov 2018	T.Mohamed Nizar
Student Internship	Internship	HINDUSTAN HEAVY ELECTRICALS PVT.LTD., COIMBATORE , 66, Avaram Palayam Rd, KR Puram, Kamadhenu Nagar,	July 2018 to Nov 2018	N, S Naveen Kumar

		Avarampalayam, Illango Nagar, Coimbatore, Tamil Nadu 641006, 099449 99031		
Student Internship	Internship	CIBET Technologies, Chennai., C, 7th Floor, Block A, West Wing, SP Infocity, Dr. 600096, MGR Salai, Kandancavadi, Perungudi, Chennai, Tamil Nadu 600041, 044 6454 2178	July 2018 to Nov 2018	Sheefa.I
Student Internship	Internship	IPL Products., Chennai, K 2, Thiru-vi-ka Industrial Estate, Guindy, Chennai, Tamil Nadu 600032, 044 4353 4275	July 2018 to Nov 2018	Vinitha.T
Student Internship	Internship	Techfi Technology., Velachery, 2, Second Floor, 3rd St, Sri Sakthi Vijayalakshmi Nagar, Velachery, Chennai, Tamil Nadu 600042, 081221 22777	July 2018 to Nov 2018	Dhivya.P, S. Abiseg
Student Internship	Internship	Daon Auto Parts Pvt.Ltd, Chennai., Kuthambakkam, Tamil Nadu 600124, 087544 70255	July 2018 to Nov 2018	Mohammeds Waqas.N.S
Student Internship	Internship	IPL Products, Chennai, K 2, Thiru-Vi-Ka Industrial Estate, Guindy, Chennai, Tamil Nadu 600032, 044 4353 4275	July 2018 to Nov 2018	Prabhavathy.R
Student Internship	Internship	Sri Ram Constructions Pvt.Ltd., Chennai, No 15,Lake View St,West KK Nagar, Nesapakkam, Chennai, Tamil Nadu 600078, 084283 19879	July 2018 to Nov 2018	Md.Ashfaq Ur Rehman
Student Internship	Internship	NHPC Limited,URI	July 2018 to Nov 2018	Toiba Nisar
Student Internship	Internship	Solar Energy Systems.,Chennai, 1, Gopalakrishna Nagar, Agraharam, Korattur, Chennai, Tamil Nadu 600076, 1, Gopalakrishna Nagar, Agraharam, Korattur, Chennai, Tamil Nadu 600076	July 2018 to Nov 2018	Pavithra.B
Student Internship	Internship	Indian Institute Of Technology Madras (IITM), Indian Institute Of Technology, Chennai, Tamil Nadu 600036	July 2018 to Nov 2018	Sara Neha.M.H
Student Internship	Internship	Indian Institute Of Technology Madras (IITM), Indian Institute Of Technology, Chennai, Tamil Nadu 600036	July 2018 to Nov 2018	Shadin Ashraf

Student Internship	Internship	M/S. ARS Power Plant Pvt.Ltd., Gumudipoondi, Survey No 207, Madharpakkam - Gummidipoondi Road, Eguvarpalayam, Tamil Nadu 601201, 044 4560 6700	July 2018 to Nov 2018	Sirajudeen Saifuddeen
Student Internship	Internship	Powertek Controls-Chennai, sp-45a, 3rd main road, ambattur industrial estate,, Chennai, Tamil Nadu 600058, 098409 98422	July 2018 to Nov 2018	N.Kader Ibrahim
Student Internship	Internship	M/S. Sarada Engineering Pvt.Ltd., Chennai, 17, Post Office Street, Post Office Street, Chennai, Tamil Nadu 600001 Phone: 044 2522 4658	July 2018 to Nov 2018	Srivignesh .H
Student Internship	Internship	M/S.Daebu Automotive Seat India Pvt.Ltd., Kancheepuram, 492, mannur village, valarpuram post, Sri preumbudur thaluk, 602105	July 2018 to Nov 2018	Shajahan.M
Student Internship	Internship	Ashley Alteams Ltd., Thiruvannamalai, No.8, SIPCOT Industrial Park, Sozhavaram Post Akkur (Via), Vembakkam, Taluk, Chellaperumpulimedu, Tamil Nadu 631701, 04182 221 500	July 2018 to Nov 2018	Ganapthy Karthik R Sivam.C,
Student Internship	Internship	M/S. PHP Power & Automation	July 2018 to Nov 2018	Ahmad Rizwan
Student Internship	Internship	M/S. Sri Vinayaka Enterprises Pvt.Ltd., Bangalore, Shop # 50, 8th E Main Rd, opp. to Jain Temple, 4th Block, Jayanagar, Bengaluru, Karnataka 560011, 080 2244 7003	July 2018 to Nov 2018	Fayas Ahamed.N.K
Student Internship	Internship	Tema Solutions, Chennai, 28, second floor South Usman Road Near Bus Terminus, 3rd Building from sree leathers, T. Nagar, Chennai, Tamil Nadu 600017, 086808 02110	July 2018 to Nov 2018	H.Shahul Hameed
Student Internship	Internship	Smart Bas Pvt.Ltd., Adayar, 3260, Kasturba Nagar 3rd Cross St, Nehru Nagar, Adyar, Chennai, Tamil Nadu 600020, 095661 92929	July 2018 to Nov 2018	Abdul Kader
Student Internship	Internship	DLK Technologies Pvt.Ltd, Raahat Plaza, No. 172, Arcot Rd, Ottagapalayam, Kannika Puram, Vadapalani, Chennai, Tamil	July 2018 to Nov 2018	A.Abdul Rahman

		Nadu 600026, 097518 00789		
Student Internship	Internship	Solar Energy Systems.,Chennai, Gopalakrishna Nagar, Agraharam, Korattur, Chennai, Tamil Nadu 600076, 072999 86257	July 2018 to Nov 2018	Safrin.S
Student Internship	Internship	V.R.S Electrical Works-Tirunelveli, Balabagya Nagar South, Tirunelveli Town, Tirunelveli, Tamil Nadu 627001, 098431 10609	July 2018 to Nov 2018	Mohamed Shahul Hameed Ss
Student Internship	Internship	IPL Products, Chennai, K 2, Thiru-vi-ka Industrial Estate, Guindy, Chennai, Tamil Nadu 600032, 044 4353 4275	July 2018 to Nov 2018	<u>Ponni@Surya.S</u>
Student Internship	Internship	Accord Elevators Pvt.Ltd, Crown Court, Unit:5, 3rd Floor, 128/34, Cathedral Rd, Alwarpet, Chennai, Tamil Nadu 600086, 044 4230 3154	July 2018 to Nov 2018	L.Hannan Sherif, S Y Y Ahmad Hussain
Student Internship	Internship	Chennai Electro And Circuits Pvt.Ltd, No 9 arumugam nagare vandalore, Chennai, Tamil Nadu 600048, 098412 50374	July 2018 to Nov 2018	Mohamed Tafidansari.A
Student Internship	Internship	Powertek Controls-Chennai, sp-45a, 3rd main road, ambattur industrial estate,, Chennai, Tamil Nadu 600058, 098409 98422	July 2018 to Nov 2018	Vignesh.S
Student Internship	Internship	Kestrel Engineering Services Private Limited., Chennai, B-2, 56 Halls Road,Egmore, Chennai, Tamil Nadu 600008 Phone: 098460 19611	July 2018 to Nov 2018	Mohamed Amrullah.S
Student Internship	Internship	230/110KV Mosur SS	July 2018 to Nov 2018	Mohammed Arshath .K
Student Internship	Internship	Modernize Engineering Solutions, No 116, kasi Arcade Building, Shop No 13, Thiyagaraya Road, T Nagar, Chennai, Tamil Nadu 600017 Phone: 097908 66364	July 2018 to Nov 2018	Z.Syed Moosa
Student Internship	Internship	DLK Technologies Pvt.Ltd, Raahat Plaza, No. 172, Arcot Rd, Ottagapalayam, Kannika Puram, Vadapalani, Chennai, Tamil Nadu 600026	July 2018 to Nov 2018	K.Abdul Ameen

		Phone: 097518 00789		
Student Internship	Internship	Sakthi Transformer, Thandalam, Tamil Nadu 600069 Phone: 098401 63572	July 2018 to Nov 2018	A.Juneeth Alam
Student Internship	Internship	Control Technique, 17B, Bethel Nagar St, Industrial Estate, Perungudi, Chennai, Tamil Nadu 600096 Phone: 044 6691 8400	July 2018 to Nov 2018	P.M.Fahad Ayub
Student Internship	Internship	Apex Global Solutions, 13/6, Kumaran Colony, 3rd Street, Vadapalani, Near Vadapalani Bus Depot, Chennai, Tamil Nadu 600026 Phone: 095000 38389	July 2018 to Nov 2018	J.Ashwanth Krishna
Student Internship	Internship	Way 2 Web, Chennai, 098400 85691	July 2018 to Nov 2018	Z.Sayed Afridi
Student Internship	Internship	Femtomega Technologies, Mylapore	July 2018 to Nov 2018	Ahmad Rizwan
Student Internship	Internship	PROPELLER TECHNOLOGIES, No.57, 2nd Floor, WB Road, Opp, Ibrahim Park St, Tiruchirappalli Phone: 073387 10091	July 2018 to Nov 2018	Syed Sameeullah
Student Internship	Internship	River Insulations, 49, 1 Floor, SVP Nagar, Arumbakkam, Arumbakkam, Chennai, Tamil Nadu 600106 Phone: 044 2475 1818	July 2018 to Nov 2018	G. Sessa Kannan
Student Internship	Internship	Way 2 Web, Chennai, 098400 85691	July 2018 to Nov 2018	A.Javid Nazeem
Student Internship	Internship	San Software, New No: 93, 2nd Floor, Lakshmi Tower, Arcot Road,, Kodambakkam, Chennai - 600 024., Chennai, Tamil Nadu 600024 Phone: 099405 86891	July 2018 to Nov 2018	A.Wahith
Student Internship	Internship	Itc Printig & Packaging Division, P 2277, Ramanathapuram, Tiruvottiyur, Chennai, Tamil Nadu 600019 Phone: 044 2572 3174	July 2018 to Nov 2018	Ashfaaq Ali Ahamed.M
Student Internship	Internship	SAN SOFTWARE SOLUTIONS, New No: 93, 2nd Floor, Lakshmi Tower, Arcot Road,, Kodambakkam, Chennai - 600 024., Chennai, Tamil Nadu 600024	July 2018 to Nov 2018	Sarath Perumal.J

		Phone: 099405 86891		
Student Internship	Internship	AL Construction	18june2018 to 09 july 2018	Mustaq Ahamed A
Training	Training	Hara Constructions, Palayamkottai.	4th june 2018 to 9th july 2018	S. Mahathoom Ibrahim
Training	Training	Elite Homes, Vaniyambadi	10th june 2018 to 9th july 2018	Md Shuaib Saqib
TRaining	Training	GA Constructions, Kayalpattinam 628 204	4th june 2018 to 4th july 2018	Pmi Mohamed Abdullah
Training	Training	S R Builders, Sellur, Madurai Email: srbuilder08@yahoo.com	10th June 2018 to 10th july 2018	Z Mohammed Afrath Khan
Training	Training	ODERN constructions and structural Consultants, Madukur Mobile +91-8870626364	5th june 2018 to 5th july 2018	J Mohamed Afzar
Training	Training	Al Shifa Builders	1st June 2018 to 30th june 2018	Mohamed Akhil Mm
Training	Training	MR Constructions	5th june 2018 to 15th june 2018	M Mohamed Faizal
Training	Training	Gulf Constructions and consultant, Kilakarai, Email gccklk@gmail.com	3rd june 2018 to 7th june 2018	Mohammed Hasan Raif
Training	Training	MSA Builders and Promoters	4th june 2018 to 3rd july 2018	Mohamed Irfan Mb
Training	Training	Mammu Constructions, Kadayannallur Cell: +91-9788735809	5th june 2018 to 6th july 2018	Mohammed Ismail
Training	Training	Elite Homes, Vaniyambadi	10th june 2018 to 9th july 2018	Mohamed Muzammil V
Training	Training	Keen Establishment	5th June 2018 to 4th june 2018	Mohamed Nasurudeen
Training	Training	Shekar Constructions Engineer and Contractor, Tiruvarur Email: shekar_pvm@yahoo.co.in	8th June 2018 to 9th July 2018	Mohamed Riyaz M
Training	Training	GA Constructions, Kayalpattinam 628 204	4th june 2018 to 4th july 2018	Ksl Mohamed Sadakathullah
Training	Training	Perfect Constructions, Karaikal	4th june 2018 to 5th july 2018	Mohamed Saeed Mahadhi SM

3.7.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
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Ford (I) Pvt. Ltd.,	2018-19	Donation of used cars and few diesel and gasoline engines for the pupose of imparting students training	36 faculty and 60 students
Anjum Hami-E-Muslimeen	2018-19	1) Organizing faculty development programs to enhance academic knowlodge and skills 2) Exchange of information on teaching, learning materials and other literature, 3) Organizing short-term continuing education programs, seminars, conferences and workshops on the topics of mutual interest 4) Submission of research and training programs sponsored by funding agencies Exchange students at UG, PG and PhD level	17 faculty and 30 students
Kyungdong University	2018-19	Exchange of students and 70% scholarship of the tuition fees (1 semester)	17 faculty and 30 students
Holly cross College, Tiruchirapalli	2018-19	1) Joint research 2) Exchange of faculties for research, teaching and collaboration 3) Exchange of students for study and research 4) Exchange of information related to research	17 faculty and 30 students
Bio Engineering major division Bioengineering Incheon national university, Republic of Korea	2018-19	1) Joint research 2) Exchange of faculties for research, teaching and collaboration 3) Exchange of students for study and research 4) Exchange of information related to research	17 faculty and 30 students
Annavarshini Foods LLP	2018-19	1) Joint research 2) Exchange of faculties and staff for research, teaching 3) Exchange of students for study and research 4) access to various research facilities of the institutions by collaborating faculty and students	17 faculty and 30 students
Center for surface technology and applications korea aerospace University, Republic of Korea	2018-19	1) Joint research 2) Exchange of faculties and staff for research, teaching 3) Exchange of students for study and research 4) access to various research facilities of the institutions by collaborating faculty and students	17 faculty and 30 students
ACRE -Alliance for Critical Regionalisim Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Agrit Green House Solution Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Aindra Labs Private Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different startups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members

Basil Energetic Pvt Ltd, Chennai	2018-19	1. Pursuing Research and Development in the above area and Energy Efficiency using DC appliances. 2. Interacting closely with the industry in the relevant field to establish a long term association to benefit the students and the teaching staff who are specialising in the area to gain practical experience and enhance their understanding of the field. 3. Jointly pursue development work in the above area with leading industrial company to help them develop innovative and new products for Indian and International markets.	36 faculty and 60 students
Chennai Liver Foundation	2018-19	To exchange of research experience and the organisation of joint activities, in close collaboration.	20 members
Dhanvantri Biomedical Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Farmagain Agro Private Limited	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Frutunes Food Products Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Greenflora Biosciences Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Guru Angad Dev Teaching Learning Centre of MHRD & Centre for e-Learning, SGTB Khalsa College, Delhi	2018-19	"Centre for e-Learning (CFEL) in six subjects namely Chemistry, Commerce, Forensic Science, Economics, Psychology and Business Economics.	15 faculty members and 30 students
Impensus Electronics Pvt.Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Jothna Software Solutions Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
KankyoCleantech (India)	2018-19	Students and Research scholar to take up research	4 faculty members

Pvt Ltd		activities on full time basis. Waste Management segment as pilot units :- 1. Mira-Carbon based STP for water recycling -To be installed in Department of Civil Engineering. 2. Bio-Box for organic waste to biogas conversion - To be installed in Department of Chemistry. 3. Pyrolysis reactor for plastic and other feed stocks - To be installed in Department of Physics.	and 10 students
Kardle Industries Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Madiee Games Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Meiyur Education and Skill Development Private Limited	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Mili Institute of Higher Education, Afghanistan	2018-19	Students and faculties contribution to increase international co-operation on PG programmes, Ph.D programmes ,Intergrated Ph.D programmes and Research 2. To support the MIHE in Educational Development process 3. Cooperate in the exchange of information relating to their activities in teaching and research in the field of mutual interest.	20 members
Mirrar Innovation Technologies Private Limited	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Onium Life Science Limited	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Pathfinder Enterprise Soutions Pvt Ltd	2018-19	Students enrolled and training by D'LABS on Data Science Certification program	36 faculty members and 60 students
Precilbz Techno Private Limited	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area	10 members

		3) Necessary facilities and infrastructure to the companies	
Precise 3D Metrology and Design Solutions Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
PRIS3D Smart Technologies LLP	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Ravikas Limited Liability Company	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Rekindle Automations Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Sabari Bionmedical	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
SCADA Geoinformatics Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Sirius Motorsports India Pvt.Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Sripi Software Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
The Car Guys	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
Wegot Utility Solutions	2018-19	1) Promotion of partnership with new technology	10 members

Pvt Ltd		entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	
Xsdata Factory Pvt Ltd	2018-19	1) Promotion of partnership with new technology entrepreneurs and start-up companies 2) CIIC provide incubation services to different start-ups in the knowledge and technology based area 3) Necessary facilities and infrastructure to the companies	10 members
International skill development corporation – CIMA (UK) & ICMA (Australia).	2018-19	1) Students and Faculty exchanges for research activities	17 faculty and 30 students
International skill Development Corporation – Association of Chartered Certified accountants, U.K.	2018-19	1) Students and Faculty exchanges for research activities	34 faculty members and 60 students
Miles Education pvt.Ltd. : CMA (US).	2018-19	1) Students and Faculty exchanges for research activities	34 faculty members and 60 students
MOU with Chettinad Academy of Research and Education (CARE).	2018-19	1) Students and Faculty exchanges for research activities	12 members
UniversitasAtma Jaya Yogyakarta	2018-19	1) Promotion of joint educational training and research activities 2) Promotion of scholar and faculty exchanges 3) Promotion of join/dual/double degree programs 4) Promotion of transfer credit programs 5) Promotion of students exchange programmes	12 members

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES						
4.1 Physical Facilities						
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year						
Budget allocated for infrastructure augmentation			Budget utilized for infrastructure development			
3612.22			Rs. 3618.29 Lakh			
4.1.2 Details of augmentation in infrastructure facilities during the year						
Facilities	Existing		Newly added			
Campus area	1501875 Sq.ft		9248Sq.ft			
Class rooms	138 Nos		18 Nos			
Laboratories	109 Nos		0			
Seminar Halls	46 Nos		2 No			
Classrooms with LCD facilities	120 Nos		36Nos			
Classrooms with Wi-Fi/ LAN	138		18			
Seminar halls with ICT facilities	40		7			
Video Centre	0		1 No			
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	193		22			
Value of the equipment purchased during the year (Rs. in Lakhs)	1052.52		127.11			
Others						
4.2 Library as a Learning Resource						
4.2.1 Library is automated Integrated Library Management System (ILMS)}						
Name of the ILMS software	Nature of automation (fully or partially)		Version		Year of automation	
TCSiON	Fully		14.01		2005	
4.2.1 Library Services:						
Description	Existing (a)		Newly added (b)		Total (a + b)	
	No.	Value	No.	Value	No.	Value
Text Books	48999	2,22,73,566	2762	11,04,800	51761	2,33,78,366
Reference Books	23451	1,39,32,462	402	1,80,900	23853	1,41,13,362
e-Books	14358	5,43,629	3000	11,80,000	17358	17,23,629
Journals	240	7,92,715	9	29,250		8,21,965
e-Journals	16175	56,21,090	30	3,00,000		59,21,090
Digital Database	2	5,42,697	NIL	NIL		5,42,697
CD & Video	3000	3,00,000	NIL	NIL		3,00,000
Computer systems	71	25,18,450	NIL	NIL		25,18,450
Printer	2	24,000	NIL	NIL		24,000
Laptop	1	31,000	NIL	NIL		31,000
Library automation RFID & Barcode	1	1,00,000	1	6,00,000	2	7,00,000
Weeding (Hard & Soft)	Nil	Nil	Nil	Nil	Nil	Nil

Others (specify)	Institutional Membership 1. DELNET 2. MALIBNET 3. British Council Division 4. American Consulate Library 5. Structural Engineering Research Centre	} 44,500			5	44,500
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4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc			
Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
Dr. K. Prabakar	Data Analytics	Swayam	Dec-19
Sadhish Prabhu	Softskill	Institutiinal LMS	2018
Priya	Discussion on semi conductors	Institutiinal LMS	2018
Vanmathy	Addressing Modes of 8086 Microprocessor	Institutiinal LMS	2018
Vijayakumar	Argumentative Writing	Institutiinal LMS	2018
Dr.Arathi	Cuthill Mckee Algorithm	Institutiinal LMS	2018
Akila Devi	Asymptotic Notations	Institutiinal LMS	2019
Dr.Madhumathi	Ground Water Pollution & Transport process	Institutiinal LMS	2019
Sagaya Suganya	Interpolation	Institutiinal LMS	2019
Radhika	Half Adder & Full adder	Institutiinal LMS	2019
Ayisha	Solid Waste Management	Institutiinal LMS	2019
Muthu Priya	Object Oriented Programming using C++	Institutiinal LMS	2019
S.Revathi	LEX	Institutiinal LMS	2019
Dr.Afsalur Rahmaan	Introduction to accounting	Institutiinal LMS	2019
Niyaz Ahamed	Wireless & Adhoc Networks	Institutiinal LMS	2019
Dr.Thinakaran	Binary Tree Travelsal	Institutiinal LMS	2019
Safia Parvin	Krushkal's Algorithm	Institutiinal LMS	2019
Dr.B.Vijayalakshmi	Components of Research	Institutiinal LMS	2019
S.Kalaivani	Introduction to VLSI	Institutiinal LMS	2019
Parnasree Chakraborty	Lecture on Multirate Digital signal Process	Institutiinal LMS	2019
N.SIRAJUDEEN	Synthesis of indiginous organic Soap	Institutiinal LMS	2019
Dr. J. Revathy	Earthquake Engineering	Institutiinal LMS	2019
Dr. P. Gajalakshmi	Structural Dynamics	Institutiinal LMS	2019
Dr.Latha Tamilslevan	Information Security	Institutiinal LMS	2019
Dr.L.Shakkeera	Security in Big Data Analytics	Institutiinal LMS	2019
Preeti Varma	Convolution neural network	Institutiinal LMS	2019

Shahtaj	CPU Scheduling Algorithms	Institutiinal LMS	2019
Dr.D.Asokk	Neuro Linguistic Programming	Institutiinal LMS	2019
Dr.Priya VS	Water & waste Water Engineering	Institutiinal LMS	2019
K.Yogeshwari	Smart cities & Developments	Institutiinal LMS	2019
Dr.Y.Mohamed Shuaib	Reactive Power Compensation	Institutiinal LMS	2019
J.Shri Indhu	Prefabricated Structures	Institutiinal LMS	2019
M.Haris Muhamed	Gate-Level Minimization	Institutiinal LMS	2019
K. Kanmani	Introduction to Remote Sensing	Institutiinal LMS	2019
Dr.S.M.Shaheedha	Extraction techniques	Institutiinal LMS	2019
S.Prathiba	Introduction to Blockchain Basics	Institutiinal LMS	2019
Dr.KALIL	A New Techniques in Aseismic Design	Institutiinal LMS	2019
R. Arun Prasad	Brand Management	Institutiinal LMS	2019
Parnasree.C, R. Anitha & S.Anusooya	Digital Filter Design(1 credit Course)	Institutiinal LMS	2019
Dr.. Chandrika srinivas	Consumer behaviour	Institutiinal LMS	2019
B.Sivashanmugavalli	Electronics for Mechanical System	Institutiinal LMS	2019
Jean Shilpa & S.Kalaivani	VLSI Design	Institutiinal LMS	2019
Dr.ps.sheik uduman	Fractional calculus	Institutiinal LMS	2019
Mr.Narendra-Trainer	SoftSkills Programme for Staff	Institutiinal LMS	2019
Dr.G.Kavitha	Cloud Computing	Institutiinal LMS	2019
Dr.P.Latchoumy	Operating Systems	Institutiinal LMS	2019
Dr.M.Kabeer	How to design a counter?	Institutiinal LMS	2019

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	Others
Existing	2958	45	1. BSNL 2.Airtel	1.Mens hostel 2.Ladies Hostel 3..Library	1.Apple IOS 2.Data Centre	35	21	1.BSNL & NKN THROUGH NMEICT, MHRD Bandwidth : 1 GBPS Speed 2.Airtel Bandwidth : 40 MBPS	
Added	340	5	3.Railtel	4.Digital Library 5.Common Computing Centre	3.CIIC	5	1	3. Railtel Bandwidth: 225 MBPS	
Total	3262	50	3	5	3	40	22	1265 Mbps	

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

Total - 1265 Mbps available
 (BSNL – 1000 Mbps + Airtell - 40 Mbps + Railtel – 225 Mbps)

4.3.3 Facility for e-content	
Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Centre for Innovation in Teaching and Learning	https://crescent.education/crescent-incubation-innovation-council/centre-for-innovation-in-teaching-and-learning/
Link for the video lectures	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-social-sciences-and-humanities/department-of-english/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-mathematics-actuarial-science/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-science-and-engineering/overview/ https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-mathematics-actuarial-science/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-science-and-engineering/overview/ https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-applications/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-science-and-engineering/overview/ https://crescent.education/university/schools/school-of-social-sciences-and-humanities/department-of-commerce/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-

	<p>applications/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-applications/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-applications/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-mechanical-science/department-of-mechanical-engineering/overview/ https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-information-technology/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-information-technology/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-applications/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-applications/overview/ https://crescent.education/university/schools/school-of-social-sciences-and-humanities/department-of-management-studies/overview/ https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/overview/</p>
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	https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-science-and-engineering/overview/ https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/crescent-school-of-pharmacy/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-computer-applications/overview/ https://crescent.education/university/schools/school-of-infrastructure/department-of-civil-engineering/overview/ https://crescent.education/university/schools/school-of-social-sciences-and-humanities/department-of-management-studies/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-social-sciences-and-humanities/department-of-management-studies/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-mathematics-actuarial-science/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-information-technology/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-information-technology/overview/ https://crescent.education/university/schools/school-of-computer-information-and-mathematical-sciences/department-of-information-technology/overview/
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4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical

	facilities		facilities
386.87	284.17	545.36	936.18

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Laboratory

All the laboratories are well maintained, lab in-charge and staff in-charge are taking care of maintenance works, which will be monitored by the Director/Laboratories. Annual maintenance contract (AMC) is in place for each machine/product.

Well established procedure is available for service and maintenance of lab equipments. Request for approval of maintenance / service is made before the budget cost committee (BCC) through proper channel. Lab technician periodically maintains all the equipments.

Library

The Central Library of the Institute is stacked with thousands of books and periodicals. These materials have been arranged neatly in the prescribed order. Pest control is being done regularly. Established procedures in Library

- ❖ All the members of the Institution are eligible to get library membership. Library users have to register their details in the entry register, whenever they visit.
- ❖ Faculty, staff, students, research scholars of the Institution need to fill up library membership form with the certification of authorities. After becoming member, library membership cards two, three, four, six will be issued to staff, UG students, PG students, Research scholars and faculties, respectively.
- ❖ The students can use the borrowed book(s) upto 21 days time, and faculty members can use the books upto a semester. The book(s) can be renewed if there is no reservation for the particular book. Late return of the book will earn fine of Rupee one, per day.
- ❖ Valid ID card must for utilizing library services and reference books and periodicals will not be issued. The borrower is the responsible for the book(s) borrowed against their membership.
- ❖ Current awareness service is being done through online.
- ❖ News about conference / seminar and workshop is being sent to various user groups by online.
- ❖ Staff / research scholars / students can use digital library for their academic and research purpose.
- ❖ Annual stock verification is being carried out regularly.

Book purchase procedure

- Librarian will call for books and journals requirement
- Department requirements are checked for duplication
- Requirements will be sent to BCC for purchase

Part of purchased books will be transferred to the Department/School Library

Physical Education Department

The department is taking care of maintaining the sports and games of the institution. Annual Maintenance Contract (AMC) is available for all the equipments in fitness centre. Qualified and experienced markers are available to maintain the sports field.

Link for the Infrastructural facilities

<https://crescent.education/wp-content/uploads/2019/03/Campus-Infrastructure-2019.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION			
5.1 Student Support			
5.1.1 Scholarships and Financial Support			
	Name/Title of the Scheme	Number of Students	Amount in Rupees
Financial support from institution	Merit Scholarship	1451	16,70,500.00
	Academic Excellence	293	4,56,500.00
	Research Fellowship	29 (27 – JRF, 2 - SRF)	4,41,000.00 (4,05,000.00+ 36,000.00)
Financial Support from other Sources			
a) National	Rajiv Gandhi National Fellowship for SC/ST Candidate	1	9,24,750
	Emeritus Fellowship – UGC	1	5,33,700
	Maulana Azad National Fellowship	7	40,18,040
b) International	Fulbright Nehru grant	1	\$1100
	SERB Overseas Visiting Doctoral Fellowship	1	\$1200 per month (Upto 12 months)
	MU-iCATS visiting student researcher	2	\$8900

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga and Meditation, Personal Counseling

Name of the capability enhancement scheme	Year of implementation	Number of students enrolled	Name of the agencies involved with contact details
Soft Skill		350	Ms. Vaishnavi Vignesh Raja, SECO Controls Private Limited
		45	Zifo R&D Solutions
		150	MK Auto Components
		45	B.S.Abdur Rahman Crescent Institute of Science & Technology
		900	FACE Academy
		1707	B.S.Abdur Rahman Crescent Institute of Science

	2018-19		& Technology
		400	GTT and NASSCOM
		750	Firstnaukri.com (Division of Info Edge India Ltd.)
Remedial Coaching		45	B.S.Abdur Rahman Crescent University
Language Lab		678	B.S.Abdur Rahman Crescent Institute of Science & Technology
Bridge Courses		36	B.S.Abdur Rahman Crescent Institute of Science & Technology
Yoga & Meditation		400	B.S.Abdur Rahman Crescent Institute of Science & Technology
Personal Counselling	113	B.S.Abdur Rahman Crescent Institute of Science & Technology	

5.1.3 Students benefited by guidance for competitive examinations and career counseling offered by the institution during the years

Year	Name of the Scheme	No.of benefited students by Guidance for competitive examination	No.of benefited students by career counseling activities	No.of students who have passed in the competitive exam	No.of students placed
2018-19	Guest lecture Smart Grid of the 21 st Century	-	20	-	-
	Short term programme on IBM CE Database Management System	-	258	-	-
	Workshop on Analytics in Enterprises at Crescent	-	200	-	-
	workshop on "Financial Planning and Capital Market Opportunities	-	192	-	-
	seminar on Recent Trends in Automotive Technology	-	214	-	-
	Carrer Guidance Programme for U.G students	-	324	-	-
	Workshop on Ethical Hacking	-	40	-	-
	Creative career guidance in multimedia technologies and game design and development	-	120	-	-
	seminar on Things to know and things you need	-	100	-	-
	Workshop on Mongo DB for Java Developers	-	120	-	-
	Workshop on Big Data Analytics Using Hadoop	-	130	-	-
	Seminar on Entrepreneurship-	-	62	-	-

Blue Ocean Strategy & MVP				
seminar on Micro Electro Mechanical Systems (MEMS)	-	60	-	-
workshop on Evolutionary Computing and its Application to Engineering using MATLAB	-	60	-	-
Seminar on basics of Animal cell culture	-	454	-	-
Guest lecture on Prebiotics and Probiotics Towards Synbiotics Relationships	-	13	-	-
one day workshop on Recombinant protein expression & purification	-	19	-	-
Three Day Computational Workshop on Cancer Interactome Analysis & Drug Design	-	19	-	-
Workshop on Analysis of Phytocompounds by HPLC	-	19	-	-
Seminar on basics of Animal cell culture	-	454	-	-
GATE	4			
CAT	4			
GRE	3			
Civil Services (Other Equivalent)	7		23	
IELET	5			

5.1.4 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases during the Year

No. of grievances Received	No. of grievances redressed	Average time for grievance redressal in number of days
2	2	10
7	7	7
6	6	20
6	6	8
3	3	9
4	4	5

5.2 Student Progression

5.2.1 Details of Campus Placement during the Year **804**

Name of the Organizations Visited	Number of Student Participated	Number of Student Placed
Capgemini Technology Services India Limited	195	21
L&T Infotech	127	13
Future Generali	56	18
Value Labs	40	2
Sony	88	80
Full Creative Private Ltd.,	259	10
Ernst & Young (EY)	113	4
Aspires Systems	120	2
ATMECS Technologies Pvt.Ltd., (Pool Drive)	200	10
Revature India Ltd	43	6
International Job Fair- Taiwan (ADVANTECH Industrial Computing)	350	27
Delta Electronics Inc	350	0
CTBC Bank	350	0
Micro -Star International CO.	350	0
Victor Rackets Ind. Corp.	350	0
Her Shine Precision Technology Co. Ltd.	350	0
India and Taiwan Economics Association - ITEA (Yu-Li Co.,Ltd)	350	0
Alliance Global Technology	350	1
Innolux Corporation	350	0
Holtek Semiconductor Inc.	350	0
Test Rite Group	350	0
Compunic Electronics Co Ltd.	350	0
Plustek Inc	350	0
Maxxis International	350	0
Racer Tech.	350	0
Fubug Industrial Co Ltd.,	350	0

Tci Biotechnology Co. Ltd.,	350	0
Chung-Hua Institution for Economic Research	350	0
Taiwan External Trade Development Council	350	0
Deltax	197	0
Whirldata Labs	95	0
Twins Digital	52	2
Wabco India Ltd.,	20	1
MyAnotimy	35	0
IDBI Federal Insurance Co.Ltd	22	23
Tekion (Pool drive)	50	2
IBM	5	2
Yello Messenger	9	0
Mount Blue Technologies	15	0
KAAR Technologies	35	1
Comits AG Pvt Ltd	10	0
Jaro Educations (Pool Drive)	197	0
Canara HSBC Oriental Bank of Commerce Life Insurance Co Ltd.	21	12
WIPRO NLTH	25	1
Teach for India	34	0
HSBC Technologies Pvt. Ltd	31	0
Swiggy	15	2
BNP Paribas	44	9
GeekyAnts	15	0
Convert Cart	10	0
Bata India Ltd	35	0
Mr. Cooper (NSM Services India Pvt LTD)	10	0
Godrej & Boyce	90	3
Power IT Seervices	42	2

Sigaram Technologies	21	0
ADVIT Software	30	0
Abyeti Technologies	15	0
Equitas Bank	65	0
Ziologic	14	0
Zalaris	4	0
Atos Syntel	135	2
Intellect Design Arena Ltd	85	0
Newgen Software Technologies	80	3
Castwell Autoparts Pvt. Ltd	17	5
Nettyfish Networks Private Limited - to be update from here	30	16
Waffor Retail Solutions Pvt. Ltd.,	26	2
Valued Epistemics (GREedge)	235	0
Virtusa Software Services P,Ltd.,	47	1
Stellar Technologies	60	0
Cyient	10	0
ZIFO RnD Solutions	34	0
MK Auto Components	24	0
Cloud Axis Technologies	57	4
Cognizant Technology Solutions	117	5
Face	70	6
Rmade Technologies	73	0
Renaul Nissan Technology	29	0
Samsung R&D	16	0
MBIT Wireless	34	0
Syngene International Limited	2	1
Fourkites	35	1
Motherson Group	65	2

Berger Paints	22	1
ExcelaCom	17	4
NIIT Ltd	54	0
Tavisca	24	0
Nexgen Designs	35	0
Besten Choince & Consultants India Private Limited	35	1
JL ALU GLAZING	35	0
Archit Builders	35	0
Velciti Consulting Engineers Pvt Ltd.	35	0
Kotak Life Insurance Co.	65	0
Think Wright Solutions	18	0
Everest IMS	22	0
Pathcare Labs	29	0
Bioscreen Instruments P.Ltd	62	10
TrioVision Composite Technologies	45	4
IDBI Federal Insurance	54	17
Maveric Systems Pvt. Ltd -(Pool Campus)	153	2
Vembu Technologies	27	0
Reliance Trends	96	2
Gibraltor Technologies	20	3
Vee Technologies	45	0
Qspiders / Jspiders	40	23
Wipro HR Services	49	2
Data Software Research Company Pvt Ltd (DSRC)	42	0
JBM Group of Companies	60	0
Edureka	24	0
Sensiple Software Solutions	18	1
IntellectFaces Technologies	15	0

Tiger Analytics	23	0
Mindtree Limited	45	1
Softcrylic Technologies	32	0
Zoho Corporations	297	0
Payoda Technologies P Ltd	15	0
TnQ Technologies	56	0
Croin Technologies	24	0
No Paper Forms	44	0
HealthWatch Telediagnosics Pvt Ltd	9	8
Capgemini Tec.	35	3
SSF Plastic India Pvt. Ltd	57	18
S10 HealthCare	8	1
Melorra	6	0
Sonata Software (Pool drive)	32	1
AllBlue Solutions, Bangalore	9	0
Maintec	12	1
Stratistics Market Research Consulting	15	0
TVS Electronics Ltd.	18	4
VNAI - Venkata	63	0
Bitcot	71	4
BATL International Inc.	45	1
RDA Labs	29	5
Focus Academy Career Enhancement (FACE)	20	5
Robert Bosch	11	1
HCL Technologies	43	3
Verizon Data Services India	13	1
NSK Bearing India Pvt. Ltd	90	1
Vidyalai - Pool campus	69	1

Amazon	144	6
Text Computing	7	1
PathFront LLP	51	13
Data Patterns India Pvt. Ltd	95	1
Vestas Technology R&D Chennai P.Ltd	24	4
Computer Age Management Services P. Ltd. (CAMS)	33	3
GenxXLead	12	0
Seventhsense Technologies	29	0
Tata Motors Group	14	0
Life Cell	26	1
Sutherland Global Services	53	5
HCL Training & Staffing Services P. LTd	45	4
Isometrix Architects & Interior Design	32	0
GGS Information Services	30	43
Ameex Technologies	46	1
SAP	10	0
Molclone Labs Pvt Ltd.	20	0
HCL Technologies Pvt.Ltd	25	2
<u>Softeon</u> India Private Ltd	35	0
Practo Healthcare	34	0
Bhansali Engineering Polymers Ltd	9	2
Polyhose Tofle Pvt Ltd	19	0
Rupeek Fine Tech Pvt LTd.	6	0
Adani Gas	9	1
Nature Tech India Pvt Ltd	6	1
Aurous HealthCare CRO	10	0
Datamatics Global Services Ltd	23	0
Rubber Skill Development Council	17	0

Infosys BPM	46	0
Sitel Group	123	0
Enoah I Solution	25	2
American Megatrends	32	1
Jamna Auto Industriels Ltd	41	3
ZF India Pvt Ltd.	13	0
42 Hertz Software India Private Limited	30	1
7Eleven Arthashastra India P Ltd	45	1
AARADHYA MONEY	7	1
Ababil Healthcare Private Limited,	14	1
AC People HVAC Pvt. Ltd.	15	4
Acme Duct Maintenance Private Limited	30	3
Adaptavent Technology solutions Pvt Ltd.	22	1
Aditya Birla Group	17	1
Adobe Systems	3	1
Adroitech Engg. Solutions P.Ltd	23	1
AEGON Religare Life Insurance	17	1
Air India SATS Airport Services Pvt Ltd.	15	1
Airwood	27	1
Aithent Technologies	6	1
Aiwell Constructions	13	4
Ajeetha Construction	24	4
Akamai Technologies India Pvt Ltd	36	1
Alpha Star India Pvt. Ltd.	45	9
Alcatel (NOKIA) Webcamera Interview	15	1
Amar Raja Gourp	18	2
Alphalinx Technologies Ltd	20	1
Apollo Power Systems	79	7

Apollo Tyers	19	1
Application support at Flex	25	1
Aricent Technologies	23	1
Artia Convergence Technologies	32	1
Ascendant Software Technology_India Pvt Ltd.	15	1
ASG Technologies Pvt Ltd.	54	1
Ascentiq Engineering Services Pvt. Ltd.	15	3
Ashok Leyland	16	0
Athena Health	23	1
ATISIndia Ltd.	24	1
Atos Origin	8	1
AVTEC Limited	12	3
Barry Wehmiller	5	1
Blue Star Limited	27	5
Boodai Trading	5	1
Byju's	56	5
Bridgestone India Pvt Ltd.	6	1
Broken Glass	8	1
CADeploy Engg Pvt Ltd.	12	1
C# & .NET Developer at Colnsprise IT, T Nagar, Chennai.	5	1
Capstone Atelier	68	9
CholaMandalam	22	1
Cocubes Technologies Pvt Ltd	70	3
Crescon Services & Products Pvt. Ltd.	47	4
Design Airvent System	75	15
Devi Polymers	5	1
Dhanush EnggServices India Pvt Ltd	45	7
DHL	7	1

Dorma India Pvt. Ltd	15	1
Dominair Systems	4	1
Elite MEP Projects Pvt Ltd	45	4
EDC Projects LLP	32	3
Elgi Equipments	17	2
Enmac Systems Pvt. Ltd.	53	2
Episource India Pvt. Ltd.	27	3
ETA Engineering Pvt Ltd	78	6
Everest Air Conditioning Company	45	4
Exide Industries Ltd.	62	3
Front Developer at Beez Lab, Chennai	9	1
Fashiha Traders	32	2
Firstsource Ltd.	15	1
Fisher Chennai (Emerson)	24	2
Fitchner Consulting Engineers I Lid	29	1
Gemini Cooling Systems Projects Pvt. Ltd.	45	1
Genesys Telecom Labs Pvt Ltd.	32	1
Glaciers Air System Pvt. Ltd.	48	4
Globe Components Pvt. Ltd.	12	3
Haritha Ferar	5	1
Caterpillar	19	1
HVAC Space Air Pvt. Ltd.	62	4
Fitchner Consulting Engineers I Lid		
Hydran	19	1
ICICI SECURITIES	13	1
IBS Gulf Design Pvt. Ltd.	35	3
INNOWELL Engineering International Pvt. Ltd.	33	4
Indian Hume Pipe Co. Ltd.	3	1

Mohan Mutha Infrastructure Pvt Ltd	78	10
Ozone VAC	17	4
Poiner Design Engineereing	54	5
Premier Climate Controls Pvt. Ltd.	65	3
Sirpi Software Pvt. Ltd.	43	3
Swaminathan Enterprises Pvt Ltd	27	3
Unimech Systems (INDIA) Pvt. Ltd.	45	6
UPSPL Integrated Services	24	4
WNS	5	2
Einel Technologies	6	1

5.2.2 Student progression to higher education in percentage during the year

Name of the Student	Program graduated from	Department graduated from	Name of the institution Joined	Name of program admitted to
Mohammed Maseehullah. K.C.	B. Tech.	Automobile	Anna University, CEG	M.E
Jhasim.S	B. Tech.	Automobile	Anna University	M.E
Srinivas. K	B. Tech.	Automobile	Southern cross university Gold coast campus, Australia	MEM & MBA
Dhakshinamoorthy Arun	B. Tech.	Automobile	PSG	M. Tech Industrial Engineering
Rahim Afridi	B.Tech	Auto	MIT	Mtech
Sai Krishna.L	B.Tech	CSE	National university of Ireland	M.S Computer Science with specialization in data Analytics
Surya Balakrishnan	B.Tech	CSE	National university of Ireland	M.S Computer Science with specialization in data Analytics
Ahamed Fahad	B.Tech	CSE	EDC PARIS	M.S International Business
Mohamed Hassir	B.Tech	CSE	University of Waterloo.	Master Of Digital Experience
Makisha.R	B.Tech	Information Technology	Bharat Institute of Science &	MBA

			Technology	
Sumaiya Umar	B.Tech	Information Technology	Anna University	MBA
Amrutha. E (2018)	B.Tech (Biotechnology)	School of Life Sciences	Massey University, New Zealand	M.S. Biotechnology
Naheetha Fathima Raja Mohamed (2018)	B.Tech (Biotechnology)	School of Life Sciences	University of Nottingham, UK	M.S. Food Production Management
Rohini. B. (2018)	B.Tech (Biotechnology)	School of Life Sciences	McGill University	M.S. Research
Amrutha B	B.Tech (Biotechnology)	School of Life Sciences	Northwestern University, USA	M.S. Research
Aadhirai Kalaichelvan	B.Tech (Biotechnology)	School of Life Sciences	Maula Azad National Institute of Technology, Bhopal, India	M.Tech Biotechnology
Vinodhini.S (2018)	B.Tech (Biotechnology)	School of Life Sciences	University of Hyderabad, Hyderabad	M.Tech Bioinformatics
Saiyed Farook As. (2018)	B.Tech (Biotechnology)	School of Life Sciences	Anna University, Coimbatore, India	M.Tech Biotechnology
Yogeswari. S (2018)	B.Tech (Biotechnology)	School of Life Sciences	Anna University, Chennai, India	
Sharofina Azmi. A (2018)	B.Tech (Biotechnology)	School of Life Sciences	Anna University, Chennai	M.Tech Environmental Science and Technology
Javeed Hameed Husain	B.Tech (Biotechnology)	School of Life Sciences	Anna University, Chennai	M.Tech Food Biotechnology
Prasannaa. L.R.	B.Tech- Mechanical	Mechanical Engineering	Australia	MS
Mohamed Suhail. A.	B.Tech- Mechanical	Mechanical Engineering	U.S.A.	MS
Srikrishna Eswaran	B.Tech- Mechanical	Mechanical Engineering	Germany	MS
Lenin .R	B.Tech- Mechanical	Mechanical Engineering	SRM University	M.B.A.
Ganesh Karthik .R. D	B.Tech- Mechanical	Mechanical Engineering	SRM University	M.B.A.
Shashi Kumar G	B.Tech-	Mechanical	SRM University	M.B.A.

	Mechanical	Engineering		
Mohamedafsal. M.	B.Tech-Mechanical	Mechanical Engineering	SRM University	M.B.A.
Burhanudeen I	B.A. Islamic Studies	School of Arabic and Islamic Studies	B.S. Abdur Rahman Crescent Institute of Science and Technology	M.A. (Islamic Studies)
Jawad Al Fawaz J	B.A. Islamic Studies	School of Arabic and Islamic Studies	MIT College of Engineering, Trichy	MBA (Finance)
Mohamed Ismail M I	B.A. Islamic Studies	School of Arabic and Islamic Studies	B.S. Abdur Rahman Crescent Institute of Science and Technology	M.A. (Islamic Studies)
Mohamed Rafeek M. A.	B.A. Islamic Studies	School of Arabic and Islamic Studies	B.S. Abdur Rahman Crescent Institute of Science and Technology	M.A. (Islamic Studies)
Mohamed Sayeed Afrith N	B.A. Islamic Studies	School of Arabic and Islamic Studies	Sathiyabama University, Chennai	M.B. A. (Marketing & Finance)
Mohammed Muthasir U	B.A. Islamic Studies	School of Arabic and Islamic Studies	The New College, Chennai	M.A. (Arabic)
Muhaiyyadheen Razwi S	B.A. Islamic Studies	School of Arabic and Islamic Studies	B.S. Abdur Rahman Crescent Institute of Science and Technology	M.A. (Islamic Studies)
Sadhul Jabbar A	B.A. Islamic Studies	School of Arabic and Islamic Studies	MEASI College of Management, Chennai	MBA (HR)
Syedali Sahib M O S	B.A. Islamic Studies	School of Arabic and Islamic Studies	B.S. Abdur Rahman Crescent Institute of Science and Technology	M.A. (Islamic Studies)
Haji Mohamed M	B.A. Islamic Studies	School of Arabic and Islamic Studies	B.S. Abdur Rahman Crescent Institute of Science and Technology	M.A. (Islamic Studies)
Yumkhaibam Vimochandra Singh	B Tech	Polymer	MIT, Anna University	M Tech
Anjana	B Tech	Polymer	Anna University	M.B.A

Kripa Sagar.	B.Tech.	Civil	IBS, Hyderabad	Management Studies
Mohamed Asif Khan T	B.Tech.	Civil	Crescent Institute Of Science & Technology , Chennai	Management Studies
Mohamed Ashik Khan	B.Tech.	Civil	Crescent Institute Of Science & Technology , Chennai	M.Tech., Constuction Engineering and Project Management
Mohammed Fazeeth	B.Tech.	Civil	Crescent Institute Of Science & Technology , Chennai	MBA
Poongothai	B.Tech.	Civil	Crescent Institute Of Science & Technology , Chennai	MBA
Raishaig	B.Tech.	Civil	Crescent Institute Of Science & Technology , Chennai	MBA
M.Lahari	B.TECH	ECE	Amrita Vishwa Vidyapeetham	M.E(communication systems)
Chitra	B.TECH	ECE	B.S.Abdur Rahman Crescent Institute Of Science & Technology	M.Tech Vlsi & Embedded System
Haseena Begam	B.TECH	ECE	Anna University	M.Tech
Ezhilarasan,	B.TECH	ECE	University Of Texas	Management Graduaate
Arun D Nayak-2018	B.Tech Aeronautical	Aerospace Engineering	MIT, Anna University	ME Avionics
Balaji. V-2018	B.Tech Aeronautical	Aerospace Engineering	MIT, Anna University	ME Aeronautical
Mir Zuhair Ali. A-2018	B.Tech Aeronautical	Aerospace Engineering	MIT, Anna University	ME Aerospace
Raahul . V.S-2018	B.Tech Aeronautical	Aerospace Engineering	IIT Madras	M.Tech Aeronautical
Naveen	B Tech	EEE	Anamalai University	MTECH

Somya Ranjan	B Tech	EEE	MIT Chennai	MBA
Balamurgan	Crescent School of Architecture	BARCH	Amity	MBA
Tarun Kumar Jaykumar	Crescent School of Architecture	BARCH	Conestoga, Ontario	Global Business Management
Haseena Nilofer	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Olimaran	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Indushri	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Chandru	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Md Salman	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Deepanraj	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Kartkik	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Ragul	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Arsat Ali	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Rajesh	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Jayashree	Crescent School of Architecture	BARCH	BSACIST	M.ARCH
Somesh. S	BTECH	Mechanical Engineering	OTTAVA UNIVERSITY	MS
Samuel Wilfred. D	BTECH	CIVIL	SHANKAR IAS ACADEMY	CIVILS
Manoj. S	BTECH	CIVIL	SHANKAR IAS ACADEMY	CIVILS
Shashank Sai. R	BTECH	CIVIL	Shankar IAS Academy	CIVILS
Aswini. M	BTECH	CIVIL	Shastra	MTECH

Srinivas. K	BTECH	AUTO	Southern cross University, Australia, MBA	MS
Siddhartha. R	BTECH	ECE	RMIT University	MS
Afreen Subaitha. H	BTECH	MSC BIOLOGY	ACERT	MASTERS
Vinodhini. S	BTECH	Biotechnology	ANNA UNIVERSITY	MTECH
Salman Al Farsi.M	BTECH	Biotechnology	ANAMALAI UNIVERSITY	MBA
Sayed Abdul Rahman. H	BTECH	Civil	ATKins Pvt. Ltd, Dubai	MTECH
Mohamed Rafi	BTECH	ECE	PGDIOT	MS
Ajifa Meerani Begum. P	MSC	BIOTEchnology	Erudite	MASTERS
Shruthy Priya.P	MSC	BIOTEchnology	PSG Coimbatore	MTECH
Mohamed Musthafa	MSC	Biotechnology	RMIT, Australia	MS
Anirudh. M	BTECH	ECE	SIA	CIVILS
Priyanka. K	BTECH	Biotechnology	Sri Venkateswara College	MTECH
Karthiga. S	BTECH	Biotechnology	Sri Venkateswara College of Engineering	MTECH
Ajeeth Kumar. M	BTECH	ECE	TEESIDE University	MS
Fahad Musthafa. M.P	BTECH	CIVIL	Terzhaghi Institute	MS
Saiyed Farook Abuthahir. S	BTECH	Biotechnology	Anna University	MBA
Geethanjali. S	BTECH	Civil	Ansali University	MTECH
Premkumar. S	BTECH	Biotechnology	BSA Crescent	MTECH
Mohamed Aashikkhan. G	BTECH	Civil	BSA Crescent	MTECH
Saqlane Mehdi. K	BTECH	Civil	Concordia University, Canada	MS
Syed Abraar Saifur Rahman	BTECH	ECE	ISEP University	MBA

Abdulsalmaan.R	BTECH	Biotechnology	Hindustan University	MBA
Gokul.A	BTECH	Civil	Annamalai University	MTECH
Mandadi Naga Pavan Kumar	BTECH	ECE	Dalhousie University	MS

5.2.3 Students qualifying in state/ national/ international level examinations during the last five years (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/Civil Services/State government examinations)

Items	No.of Students Selected	Registration Number
GATE	4	150011601058
		150051601026
		150021601059
		150021601029
CAT	4	150071601036
		150071601039
		150071601082
		150071601101
GRE	3	150071601090
		150071601105
		150071601007
Civil Services (Other Equivalent Examinations)	7	140101601062
		140101601065
		140101601066
		140101601071
		140101601076
		140101601014
		140101601049
State Government Services		
		150071601105

Any Other (IELT)	5	150071601007
		150011601022
		150021601057
		150021601096

5.2.4 sports and cultural activities / competitions organised at the institution level per year

Name	Level	No.of Student Participated	
STAFF			
Ball Badminton (Mixed Staff)	YMCA State Level Buck Memorial Staff Tournament, Chennai	5	40
Badminton Men-Staff	National Level CSIR & CLRI Badminton Staff Tournament, Chennai	8	32
Badminton Men-Staff	State Level Sai Ram Badminton Staff Tournament, Tambaram	32	64
MEN			
Volley Ball Men	INTRAMURAL	5	54
Ball Badminton Men	INTRAMURAL	5	38
Badminton Men	INTRAMURAL	5	20
Basket ball Men	INTRAMURAL	5	60
Cricket Men	INTRAMURAL	5	70
Football Men	INTRAMURAL	5	70
Table Tennis Men	INTRAMURAL	5	18
Kabaddi Men	INTRAMURAL	5	50
Carrom Men	INTRAMURAL	5	18
Chess Men	INTRAMURAL	5	20
100 M Dash Men	INTRAMURAL	-	20
200 M Dash Men	INTRAMURAL	-	12

400 M Dash Men	INTRAMURAL	-	9
800 M Race Men	INTRAMURAL	-	8
1500 M Race Men	INTRAMURAL	-	11
5000 M Race Men	INTRAMURAL	-	9
High Jump Men	INTRAMURAL	-	8
Long Jump Men	INTRAMURAL	-	13
Triple Jump Men	INTRAMURAL	-	12
Shot Put Men	INTRAMURAL	-	11
Discus Throw Men	INTRAMURAL	-	13
Hammer Throw Men	INTRAMURAL	-	10
Javelin Throw Men	INTRAMURAL	-	13
WOMEN			
Throw Ball Women	INTRAMURAL	4	48
Volley Ball Women	INTRAMURAL	4	48
Basket Ball Women	INTRAMURAL	4	48
Ball Badminton Women	INTRAMURAL	4	38
Tennikoit Women	INTRAMURAL	5	18
Table Tennis Women	INTRAMURAL	5	18
Carrom Women	INTRAMURAL	5	18
Chess Women	INTRAMURAL	5	10
100 M Dash Women	INTRAMURAL	-	10
200 M Dash Women	INTRAMURAL	-	10
400 M Dash Women	INTRAMURAL	-	8
800 M Race Women	INTRAMURAL	-	7
Long Jump Women	INTRAMURAL	-	7
Triple Jump Women	INTRAMURAL	-	6
Shot Put Women	INTRAMURAL	-	9
Discus Throw Women	INTRAMURAL	-	9

Hammer Throw Women	INTRAMURAL	-	6
Javelin Throw Women	INTRAMURAL	-	10
Cultural Activities			
Auditions	INSTITUTE		180
Fresh Face	INSTITUTE		90
Literary Day	INSTITUTE		350
Creshunt	INSTITUTE		1350
Teachers Day	INSTITUTE		4250
Independence Day	INSTITUTE		550
Women'S Day	INSTITUTE		500
ORION	INSTITUTE		2500
ONAM	INSTITUTE		500
Crescendo	INSTITUTE		1100
Pongal	INSTITUTE		450
Road Safety Awarness Bicycle Rally	INSTITUTE		300
Surgical Day	INSTITUTE		300
Crestech			
Aero	INSTITUTE		300
Auto	INSTITUTE		300
Civil	INSTITUTE		300
Mech	INSTITUTE		350
Polymer	INSTITUTE		70
CSE	INSTITUTE		100
ECE	INSTITUTE		100
IT	INSTITUTE		100
EEE	INSTITUTE		60
EIE	INSTITUTE		70

CA	INSTITUTE	100		
Law Sachool	INSTITUTE	100		
Pharmacy	INSTITUTE	100		
5.3 Student Participation and Activities				
5.3.1 Sports And Cultural Activities/ Competitions organized at the institution level during the year				
Name of the Award/ Medal	National/Intenational	Sports/ Cultural	Student ID Number	Name of the Student
Third	South India Karate Games 2018, Dindigul on 19 th Aug 2018 organized by Tamilnadu sports karate association in the title of Heroshn RYU Karate do India	Karate (Men) Black Belt (Kata)- Sports	160282602058	V. Naveen Kumar - III MCA
Bronze	National - National level open Archery Men Championship 2018 held at Namakkal on 2 nd and 3 rd Aug 2018	Archery - Men- Sports	160051602001	N. Hemprasanth – III ECE
Bronze	National – VIII National Rural Games 2018 (Badminton) Organized by Tamilnadu Rural Games Association held at Namakkal from 31 st Aug to 2 nd Sep 2018	Badminton - Mixed- Sports	170061601045	S. A. Ramya – II EIE
			170021601111	S.A. Rajaram – II Mech
Silver	National – RGOI (Rural Games National Championship – 2018) organized by Rural Games Organization of India held at University of Jammu, J&K, India on 17 th & 18 th Nov 2018.	Archery-Men (Indian round,above - 19)- Sports	181291601262	V. Siva Kumar – I B.Com
Winners	National – All India Interuniversity Ball Badminton Men Championship 2018-19 from 12th to 16th Dec 2018 organized by association of Indian Universities held at SRMIST Kattankulathur, Chnnai.	Ball Badminton - Men- Sports	150131601002	N. Gopinath - IV PE
			150011601096	N. Sathish Kumar - IV Civil
			150051601030	R. Lokesh - IV ECE

			150121601033	A.S. Vivek - IV Auto
			150021601023	S. Aravindan - IV Mech
			161361601004	P. Jothi Prakash – III BCA
			171361601005	T.Arun kumar-II BCA
			181351601071	T.R.Sai Charan-I BCA
			181370601021	R.Harish – I B.Sc (CS)
			181370601010	R.Bharanidharan – I B.Sc (CS)
First	International – 16th OKINAWA GOJU-RYU Karate open International Championship 2019, Stadium Indera Mulia, Ipoh, Perak, Malaysia from 3 rd – 5 th May 2019	Karate - Men - Sports	181491601070	R.Surya -I BBA
Second	National - National Sports Milan 19 organized by SRMIST, Kattankulathur, Chennai on 6th – 10th March 2019	Badminton - Men Doubles- Sports	180292601028 170061601205	R. Diwakar Rao-I MBA R. Loyd Vergil-II EIE
Second	National - National Sports Milan 19 organized by SRMIST, Kattankulathur, Chennai on 6th – 10th March 2019	Badminton - Men Singles- Sports	170021601111	S.A. Rajaram-II Mech
First	National - National Sports Milan 19 organized by SRMIST, Kattankulathur, Chennai on 6th – 10th March 2019	Badminton - Men Doubles- Sports	170051601030 170021601111	N. Kishore-II ECE S.A. Rajaram-II Mech
Third	National - National Sports Milan - 19 organized by SRMIST, Kattankulathur, Chennai on 6th – 10th March 2019	Badminton - Men Singles- Sports	170051601030	N. Kishore-II ECE
Gold	Participation a rural Games Chennai District Championship	Badminton - Men Doubles- Sports	170021601111	S.A. Rajaram-II Mech

Third	IIT Madras Sports Fest - 2018 from 25 th to 29 th Sep 2018 at IIT Madras, Chennai Campus.	Badminton - Men- Sports	180992601028	R. Diwakar Rao - I MBA
			170021601111	S.A. Rajaram - II Mech
			170061601205	R. Loyd Vergil - II EIE
			170051601030	N. Kishore - II ECE
			181291601075	K Govardhan - I B.Com
Runners -up	IIT Madras Sports Fest - 2018 from 25 th to 29 th Sep 2018 at IIT Madras, Chennai Campus.	Table Tennis - Women- Sports	178031601030	K.S.Subiksha- II BBA LLB
			160071601064	S.Meenachi Subasri-III CSE
			150061601025	S.Tasleem Beema- IV EIE
Third	IIT Madras Sports Fest - 2018 from 25 th to 29 th Sep 2018 at IIT Madras, Chennai Campus.	Tennis - Men- Sports	160021601038	R.Bharathsre - III Mech
			160011601009	G.Akash - III Civil
Second	IIT Madras Sports Fest - 2018 from 25 th to 29 th sep 2018 at IIT Madras, Chennai Campus.	Athletics - Men1500M - Race- Sports	150041601045	H.Srivignesh - IV EEE
Third	IIT Madras Sports Fest - 2018 from 25 th to 29 th sep 2018 at IIT Madras, Chennai Campus.	Athletics - Men 5000M - Race- Sports	150041601045	H.Srivignesh - IV EEE
Second	(Creative Writing- English) Deepwoods 2019 Organised by the College Union Society (Madras Christian College)	Creative Writing (English)- Cultural	170151601084	Preesha Christria
First			150021601201	Kaviya.R
Second			150071601103	Noureen
Second			150071601103	Noureen Taj
First			150021601203	Umar
Second			170151601081	P.Samyukitha
First	Impact'19 organised during Feb	Extempore	150021601252	Farheen.N

Winner	2019 at SRM Institute of Science & Technology Kattankulattur.	(English)- Cultural	150071601103	Noureen Teaj
Runner Up			150071601103	Noureen Taj
Second	Festeve'19 Participated in Women Christian College.	Mock Interview - Cultural	170151601084	Preesha Christria
Runner Up	War of Words 2019 Literary Event Held at Rajalakshmi Engineering College 11 Feb.	War of Words- Cultural	150021601201	Kaaviya
Winner			150021601201	Kaviya.R
			150071601103	Nounreen Taj
Runner up			150021601203	Umar
Participate			150021601203	Umar
First	Creative Writing at Revivals'18 an conducted by Madras Medical College. Sep 20 to 23,2018.	Creative Writing - Cultural	150021601201	Kaviya.R
Third			170151601084	Preesha Christria
First			150021601203	Umar
First	Participation in AD-Zap on 8 th to 11 th August 2018	AD-Zap-Cultural	150021601201	Kaviya.R
First	First Prize in Variety show at SAMGATHA 2018, organized by IITD &M, Kancheepuram.	Variety show- Cultural	150011601086	Ram Kumar.S
First	Variety Show organised during Klarithi' 18 an Intra College Cultural Fest of AC Tech, Anna University held on Feb 28 to 2 March of 2018	Variety show- Cultural	150011601086	Ram Kumar.S
First	ADZAP Event in an Inntercollegiate Cultural Fest Rapture 2k18 held on March 3 rd 2018	ADZAP-Cultural	150011601086	Ram Kumar.S
First	Second Place in Variety show – SPANDAN'18 during 33 rd Annual Intercollegiate	Variety Show- Cultural	150011601086	Ram Kumar.S

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies /committees of the institution (maximum 500 words)

- With the objective of inculcating the qualities of leadership, organization, and responsibility in the students, an active Student Council is in place along with a strong representation of students in the academic and administrative bodies/committees.
- Twenty three students have been nominated by the Academic Council on the basis of merit in studies, sports and extra-curricular activities.
- The functions of the Students Council are to make suggestions to the appropriate authorities with regard to the programmes of studies, students welfare and other matters related to them. Such suggestions are made on the basis of consensus of opinion of the Council.
- Students have also been included in Class committees, Anti ragging squads, IQAC, Alumni, Sports, Library, Cultural, Placement, Magazine / News letter, Institutional chapters, NSS, Hostel, Canteen & transport management etc.
- The Class Representative (CR) system is fundamental to student representation as leaders. It allows one male and one female student to represent each class of approximately 60 students in the Institute, with regular meetings on every third Thursday of the month to ensure the system's efficiency and effectiveness in putting forward the interests and views of the students. Monthly CR Meetings are conducted during the semester. CR meetings play a major role to assess teaching , learning and support services provided to the students by the Institution. Office of Dean Student Academic Affairs monitors the functioning and effectiveness of the CR system.

Role of Student Council

(a) With the permission of the Chairperson of the Students council, the students of the sub committees shall have the right of participation in the discussions at any meeting when matters concernd with their subcommittee are taken up for consideration.

(b) The functions of the Students Council shall be also to make suggestions to the Appropriate Authorities of the existing Specified I university Councils with regard to the programmes of studies, Student's Welfare and other matters related to them,in general and such suggestions shall be made on the basis of consensus of opinion of the Council.

Placement Activity Students of third & fourth year form part of Placement Committee.

- The student council also actively engages in drawing up the program, conduct and supports the various sports & extracurricular activities.

5.3.1 Whether the institution has registered Alumni Association ? Yes/No, if yes give details(maximum 500 words)

Contribution of Alumni Association to the institution :

- The Alumni Association of the Institute was formed in the year 2000 and has been registered with The Registrar of Societies with the Name "Alumni Association of Crescent Engineering College" .It is formed with 10 enthusiastic members. The main aim of the association was to To bring the former students of Crescent Engineering College / B S Abdur Rahman Crescent Institute of Science & Technologyless than one roof, by leveraging the latest technological developments, to share their experiences, knowledge and talents amongst its members and students of Crescent Engineering College / B S Abdur Rahman Crescent Institute of Science & Technology for fellowship and for advancement of knowledge.

The main objectives of the association are,

- **Networking**

Our association has members who are CEOs, CT0's of companies to young Engineers who aspire to come up in life. One of the main objectives of the association is connecting them to benefit each other. We have signed with Alma Connect .It is a social network based on private alumni networks focused on helping an alum / student get trusted help from his/her alumni network. Help ranging from getting referral for jobs, advice for careers, recommendations for services. Some of the Major networking events the association conducts are :-

- Alumni Reunion conducted every year as Annual General body meeting of the Alumni, recognizing Performers from the Alumni – Last Year 10 awards are given.
- Welcoming passed out students to Alumni Association.
- Welcoming Senior batch for their MAJOR REUNION to the University
- During this year, 1992 Batch about 80 Alumni spent a Full day at the University Engaging with the Management , faculty and students.
- Iftar Get together conducted every year with the intention of networking the Alumni with B S Abdur Rahman Crescent Institute of Science & Technology for fellowship and for advancement of knowledge.

- One Signature event of our UAE Chapter is BSA Crescent Alumni – UAE Chapter has been conducting a mentoring Programme called EDGE (Entrepreneurship Development

Group of Emirates). This entire Mentoring Program is designed to provide the benefits to the Alumni who is an employee and aspires to start his own business or a young entrepreneur already and wants to improve his entrepreneurial skills.

- The association has active chapters in
 - U.S. – 200 and more
 - Singapore – 200 and More
 - Oman – 33 members
 - Dubai – 200 and more
 - Australia – 40 members

- The Association also has events for Sports and Social welfare :-

- **Tour De Crescent**

An Annual Cycling event for General public and students

- **Scholarship**

Scholarship amount to the tune of Rs.50000/- Given to deserving Students per annum.

- **Green Initiative**

Planted more than 100 saplings inside the campus and maintaining them

- **Blood Donation**

Regular Organisation of blood donation camps in Rajiv Gandhi Memorial Hospital and at Crescent Institute of Science & Technology on Founders Day on 15 Oct every year.

- **Crescent Badminton League**

Annual Badminton League for the Alumni and the general public

5.3.2 No.of Registered Alumni: 1508

5.3.3 Alumni Contribution during the year (In rupees):15,08,000

5.3.4 Meetings/Activities organized by Alumni Association: 10

Year	Number of alumni association meetings	Dates of meetings	No. of members attended	Total no. of alumni enrolled
2014	2	26-Apr-14	43	1226
		10-May-14	64	
2015	5	29-Mar-15	84	
		14-Apr-15	58	
		20-Jun-15	147	
		12-Dec-15	125	
		26-Dec-15	426	
2016	16	2-Jan-16	53	1359
		19-Feb-16	98	
		18-Mar-16	124	
		8-Apr-16	136	
		2-May-16	42	
		6-May-16	78	
		25-Mar-16	58	
		27-May-16	64	
		17-Jun-16	42	
		15-Jul-16	32	
		19-Aug-16	89	
		16-Sep-16	47	
		14-Oct-16	50	
		21-Oct-16	30	
18-Nov-16	24			
2017	15	20-Jan-17	25	1019
		21-Jan-17	34	
		28-Jan-17	52	
		14-Feb-17	30	
		25-Mar-17	60	

		28-Apr-17	28	
		19-May-17	64	
		15-Jul-17	23	
		12-Aug-17	46	
		17-Aug-17	24	
		29-Sep-17	23	
		30-Sep-17	29	
		20-Oct-17	30	
2018	14	19-Jan-18	29	1236
		29-Jan-18	46	
		19-Feb-18	27	
		16-Mar-18	29	
		20-Apr-18	34	
		4-May-18	66	
		22-Jun-18	58	
		20-Jul-18	68	
		24-Aug-18	50	
		20-Sep-18	40	
		26-Oct-18	20	
		24-Nov-18	75	
		14-Dec-18	45	
		22-Dec-18	625	
2019	10	22-Jan-19	28	1508
		15-Feb-19	42	
		15-Mar-19	68	
		19-Apr-19	34	
		2-May-19	48	
		18-May-19	28	
		21-Jun-19	23	
		19-Jul-19	46	
		27-Aug-19	58	
		20-Sep-19	24	

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The university practices decentralization and participative management.

- The University empowers the Deans and Heads of the Departments to take administrative decisions related to the Schools and Departments following the guidelines of the University. .
- Though the Vice Chancellor is the Head of Institution, HOD has the power for making various decisions like Time Table, Placement, and Progress of the students.

To oversee the effective functioning of various operations in the institution, the following functional Deans and Directors are nominated:

There are 12 school deans and HoD's for different departments to monitor and manage the functions of the schools & departments. Senior faculty members of the university were alone empowered and nominated as Professors and Deans of the schools respectively. The Directors are nominated for different centers which are established in the University. Some of the centers include Center for Energy Research and Studies, Faculty Training Academy, Crescent Innovation and Incubation Council and Centre for Leadership. All of these Deans, HoDs, and Directors have well defined responsibilities and portfolio. To list the few the following deans are nominated for various academic and research activities.

- Dean (Academic Affairs)
 - Dean (Academic Research)
 - Dean (Student Affairs)
 - Dean (Various Schools)
 - Director(Accreditation, Ranking and International affairs)
 - Director(Sponsored Research and Consultancy)
 - Director (Center for Energy Research and Studies)
- All faculty members, even at entry level faculty members (Assistant Professor) are given independent responsibilities like faculty member in charge of laboratory, class advisor, faculty advisor, faculty in charge of professional bodies and others.
 - Department level faculty meetings are held periodically to discuss all matters of academic, administrative and infrastructure development.
 - Registrar and Vice Chancellor convene periodic meetings of the Heads of the Departments, Deans and Directors to arrive at major decisions. In these meetings, School Deans and Heads of the Departments discuss and decide on institution level issues.
 - All faculty meetings are convened at least once in a month to directly interact with the administrators.

- Budget preparation starts from the laboratory level in which the faculty member's in- charge of laboratories raise the budget required which are consolidated by Heads of the Departments for finalizing the budget for the department.
- Faculty members have due representation in Board of Studies, Academic Council, Board of Management and Planning and Monitoring Board, Research Board and Internal Quality Assurance Cell .

The institution adapts decentralization strategies to bring out transformational leadership in faculty.

Case Study:

- Complete Academic freedom has been given to the department. HoDs are given powers to take independent decisions regarding all academic matters right from curriculum design, syllabus formation and Teaching – Learning and evaluation processes.
- Faculty members are empowered to revise the course contents, during the delivery of the course, but limited to one or two modules, after obtained the necessary approval from the Chairman, BOS, which would be ratified by the next meeting of the Board of Studies.
- Introduce new teaching methodologies and have their own teaching set up, design and set up laboratory experiments and equipments.

6.1.2 Does the institution have a Management Information System (MIS)? Yes

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

❖ Curriculum Development

- ✓ Meeting of Board of studies of departments / schools were conducted during June – July 2018 and Dec. 2018 – Jan. 2019 to revisit the curriculum and syllabus of existing programs and modify the same based on industry needs, students and other stakeholders feedback.
- ✓ Recommendations of School level advisory committee; curriculum related feedback given by students, parents, alumni, employer etc. were also considered during modification of curriculum & syllabus.
- ✓ Online feedback system emphasizing on curriculum development viz. introduction of new courses, attainment of course outcomes, programme outcome is available in the institution website to facilitate stakeholders to offer their suggestion.
- ✓ The exit survey obtained from outgoing students also considered for curriculum & syllabus updating.

❖ Teaching and Learning

- ✓ Implementation of project based learning in various courses across engineering discipline.

- ✓ Organized field visit based project learning in various courses across Engineering, Architecture, Pharmacy, Law, Arts & Science and Management programmes.
- ✓ Offered value added courses in skill based open source software to students in collaboration with IIT Bombay (Spoken Tutorials), across the disciplines, to enhance their employability.
- ✓ Facilitated students to understand important concepts through experiential learning, quiz, case study, project work, peer assisted learning etc.
- ✓ Offered the courses “Social Entrepreneurship” and “Advanced Entrepreneurship” across engineering programmes in collaboration with M/s. Wadhvani Foundations through trained faculty and online training in real time projects.

❖ Examination and Evaluation

Examination System

- Passes out final year students and students with less credits are given the opportunity for applying for supplementary examination for not more than 2 course at the end of even semester to help the students complete the course.
- The objective of the examination system at BSACIST is to expose students to continuous evaluation rather than focus only at Semester End Exams. This system ensures that the students develop the ability to study regularly and do not need to put any extraordinary work towards the end of the semester. This system also puts the onus on students to perform consistently and not to study in a sporadic manner. Also, the system encourages the use of assignments to inculcate the spirit of self-learning in the students besides developing ability to solve practical problems.

During the course of a semester, which is generally of 90 working days, a student is evaluated in the following manner:

- Students are given a minimum of two assignments/Seminars by the faculty member, which they are required to submit on specified dates. These assignments carry marks which contribute to the total obtained for that course.
- Students are required to sit for three tests, which are conducted after 30, 60 and 90 working days approximately. These are called CAT-1, CAT-2 and Semester End Examination. Semester End Examination carries a weight age of 50% while CAT-1, and CAT-2 carry a weight age of 25% each including the assignments, quiz, presentations etc.
- Faculty members may assign weight age to quiz, presentations or any similar activity besides the two assignments. **However, this should be notified to the students by the Course Faculty at the beginning of the Semester.**
- The above mentioned structure may vary in the B.Arch. and MBA programs in specific courses which will be duly notified by the Dean of the School at the beginning of the relevant Semester

At the end of the semester, the faculty member assigns a grade to each student depending upon the performance of the student in that course in CAT, assignments, major test, quiz, presentations, Semester End Exams etc. Using the grades that are assigned to each student in each course, the GPA

and the CGPA are calculated.

Evaluation System and Evaluation Indices

The performance of a student is evaluated in terms of two indices, viz. the Grade Point Average (GPA) which is the Grade Point Average for a semester and Cumulative Grade Point Average (CGPA) which is the Grade Point for all the completed semesters at any point in time. The GPA is calculated on the basis of grades obtained in all courses.

❖ **Research and Development**

- B.S.Abdur Rahman Crescent Institute of Science and Technology, “**A Research Intensive Institution**” lays greater emphasis on academics and research in its endeavor to become a premier institute contributing to the Scientific and Technological development of our Country
- The Institute has a well-established administrative structure to ensure quality research with various committees, namely, Research Advisory Committee (RAC), Research Board, R&D council and Research Team
- Research Advisory Committee (RAC), comprising eminent researchers in the field of Science, Engineering and Technology, which gives directions to the overall research activities of the Institution
- Under the guidance of the RAC, Research Board formulates the overall research policies and thrust areas. The Deans of all the schools in the Institute are the members
- In addition, each school has a research and development (R&D) council to initiate and monitor the research activities of the department
- Research Team prepares the project proposals for the government funding agencies. It also motivates and helps the other faculty members in the preparation of proposals
- The annual budget of the departments includes the fund required to procure the equipment, software and seed money for faculty members to carry out research
- There are 66 BSA Research Fellowships (JRF / SRF) available in all the Departments, to lure bright youngsters to take up research activities on full time basis. “Earn while you learn scheme” for full time research scholars is also available
- Research starts with an idea and an idea to various innovations. The Centre for Innovation, APJ Abdul Kalam Innovation Centre now became CIIC is working closely with Research Team to transform the research towards Entrepreneurship, Patents and Startups
- All the Departments are equipped with state-of-the-art equipment and software for carrying out research. The library has over 17,000 e-journals including IEEE, ASME, ASCE, Springer, Elsevier, Emerald, Proquest etc., and a collection of Open Access Journals, apart from 92,000+ Reference & Textbooks

To achieve all the above, Research office has a clear Vision and Mission in the research policy of the Institute.

❖ **Library, ICT and Physical Infrastructure / Instrumentation**

Library

- Current ILMS (TCSiON) Version: 14.01
- The Central Library is working from 08.00 am to 12.00 Midnight. Also functioning on Saturdays and Sundays.
- Digital Library of the Institute is functioning by 24/7.
- The Library has institutional repository The Library is also a member in National Digital Library (<https://ndl.iitkgp.ac.in/>) (NDL).

ICT

- ICT facilities enabled in all the class rooms of the institution to enhance teaching – learning process.
- Institution facilitated uLetkz – LMS to use across different programmes.

Physical Infrastructure / Instrumentation

Following infrastructure facilities / Labs were created:

- Crescent Innovation and Incubation Council (CIIC)
- Crescent School of Business
- Centre for Innovation in Teaching and Learning
- Centre for Leadership
- Erection and commissioning of Solar Power Plant (300kW)
- Waste Management Yard
- Parents Waiting Hall in Men's Hostel
- 21 class rooms
- Expansion of Structural Engineering Laboratory
- Robo Laboratory

❖ **Human Resource Management**

- Institute follows TCS ioN HRMS solution for handling & monitoring day to day activities of faculty and non-teaching staff viz. leave application, appraisal, employee management, loan, claims, attendance, training, transfer, separation, travel etc.
- Biometric attendance system introduced for teaching and non-teaching staff.
- Orientation programmes for newly joined faculty members to understand academic and administrative system of the Institution
- Training programme for women administrators
- Leadership training programme for administrators of the institution viz. HODs, Deans, Directors and Division Heads.
- Organizing / facilitating quality improvement programmes such as FDP, STP, workshop, seminar and orientation programmes in the institution level.

❖ Industry Interaction / Collaboration

- Exclusive Industry – Institute Partnership Cell to connect academia with Industry.
- Industry professionals included as expert members in the Board of Studies of Departments, School Level Advisory Committee, IQAC, Academic Council etc. to obtain industry view on curriculum & syllabus, current trends, industry needs, enhance internship and employability opportunities.
- Facilitated faculty members to execute industry consultancy project in cutting edge research areas. (Ex. : M/s. Vector Corrosion Technologies, Canada; M/s. Jasmine Infotech Pvt. Ltd., Chennai etc.)
- Industry oriented research laboratories viz. NI-CLAD Lab., National Instruments, Bangalore (ECE Department), Robo Lab., M/s. Prag Robotics Pvt. Ltd., Chennai (Mechanical Engg.) etc.
- 179 companies visited our Institution for placement activities.

❖ Admission of Students

- In order to promote the admission of students, various new programmes are launched based on the demand. Academic programmes are embedded with specialization in recently developed areas of science and technology like Artificial Intelligence and Data Analytics.
- Certain programmes are offered in association with IBM, Association of Chartered Certified Accountants (ACCA) and Chartered institute of Management Accountants (CIMA) etc.
- To attract the meritorious students, scholarships are awarded based on the merit of the candidates in higher secondary examinations and UG degree examinations.
- The institute conducted 'Open Day' for school students and parents. School reach programmes were conducted to offer carrier guidance to school and college students.
- Admission promotional activities are carried out in mass media and educational programmes. The visibility and branding of the institution is enhanced by advertisements through digital and social media.

6.2.2 : Implementation of e-governance in areas of operations:

❖ Planning and Development

The purchase and other expenses are incorporated in tally in the institution.

The salient features of the module:

- ❖ It is a robust system to cater to the growing needs of entrepreneurs in their solutions.
- ❖ Helps to monitor and control assets, revenue and liabilities and expenditures of an organization.
- ❖ Maintains confidentiality by providing user-based access and workflow approvals
- ❖ Supports multi-organization and multi-currency operations.
- ❖ Helps to keep the organization compliant with latest statutory requirements by providing information through statutory reports.
- ❖ Helps to obtain greater control over financial operations through various analytical reports.
- ❖ Integration with other iON solutions avoids duplication of work and reduces error.
- ❖ Flexibility to bulk upload organization data to iON Finance and Accounting system to reduce time and effort.

- ❖ Provides various audit reports for easy auditory process.
- ❖ Offers complete fixed assets management to ensure tracking of every asset in the organization.
- ❖ Allows the organization to set budgets at various levels of accounts for easier planning and controlling business operations.
- ❖ Allows taking actions on transactions like viewing outstanding information and payment dues using mobile phones.
- ❖ Our institution implements e-governance through TCSion.
 - Planning and Development
 - Administration
 - Finance and Accounts
 - Student Admission and Support
 - Examination
 - Response: All 5 of the above
 - Yes, our Institution implements e-governance through TCS iON.
 - The Planning and Development in our institution especially purchase and payment is being enabled in TCS iON.
 - In the administration module, managing employee activities such as leave, attendance management and pay stub are incorporated.
 - In Finance module, the student fees, purchase and other expenses are incorporated in tally.
 - The student and admission module support consists of student tuition fees payment module and allocation of hostel rooms.
 - Examination module is automated module for uploading and viewing exam results by the staffs and students respectively.
 - The Contact detail of the delegate involved from TCS iON Mrs.
 Indhumathi Sanjeevi
 Associate Consultant, TCS, Chennai. Mobile No.:
 9884307437
 E-Mail : indhumathi.s@tcs.com

❖ Administration

The process owner is Director HR and the stakeholders are the employees of this Institution.

The salient features of the administration module are:

- Uploaded the employee's basic details like department, and designation.
- Leave type created like CL, CPL, ML, VL and LOP with workflow
- Biometric device has installed to capturing employees attendance
- Separation module- resignation and termination process
- Reports on administration activities on daily/weekly basis.

The stakeholders are facilitated to utilize / monitor the following activities:

- Applying leave and On-duty through HRMS solution
- Faculty Attendance capturing in biometric device
- Faculty can upload the publication details and other academic activities
- Faculty can view the reports on Leave, On -duty and Attendance.

❖ Finance and Accounts

Finance Module also comprises of Admission, Fee Payment and Seat allotment.

The Process Owner is the Finance officer. The following are the salient activities which can be performed using this module:

- Fee groups and Fee categories creation
- Fee Schedule creation
- Late Fee and Refund rules
- Normal Fee edit, Bulk Fee Edit through excel, Transaction edit
- Adhoc Fee Generation for unscheduled fee collection
- Customization of fee receipts through Letter template
- Reports on fees payment on daily/weekly basis

The stakeholders are the students and the following are facilitated to them:

- Semester Fee paying with payment gateway integration
- Download of Student Fee Receipt after payment of fees.
- Hostel fees and Exam fees payment mode.

❖ Student Admission and Support

The following reports can be generated using the TCS ion admission solution:

- ✓ Applicant details
- ✓ Batch session subject details
- ✓ Batch admission seat details
- ✓ Complete student details
- ✓ Seat allotment details
- ✓ Batch admission category wise student count

❖ Examination

The Process Owner is Controller of Examinations (COE) and the following functions are automated:

- Online candidate enrolment process by paying the exam fees online or offline
- Hall ticket generation for the enrolled students
- Monitoring the Mark capturing by faculties in the system
- Processing the marks
- Publishing the results
- Reports on exam activities on daily/weekly basis

Stakeholders are students and staffs who use / execute the following activities:

- Semester exam fees payment mode for students
- Student can download the hall ticket and results
- Mark capturing by teaching staffs in the system
- Faculty can generate the reports on CAT exams, internal marks and semester end examinations

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018-19	Dr. R. Karunanithi (Aerospace Engg.)	International Conference On " European Advanced Material Conferences" Sweden	NA	124680
2018-19	Dr. M. Sandhya	National Conference On RTCSM 2019	NA	50000
2018-19	Dr. W. Aisha Banu	National Conference On RTCSM 2019	NA	
2018-19	Dr. P. Sharmila Sankar	National Conference On RTCSM 2019	NA	
2018-19	Dr.N.Sabiyath Fatima	National Conference On RTCSM 2019	NA	
2018-19	Dr. S. Revathi	National Conference On RTCSM 2019	NA	
2018-19	Ms. X. Arputha Rathina	National Conference On RTCSM 2019	NA	
2018-19	Dr. E. Syed Mohamed	National Conference On RTCSM 2019	NA	
2018-19	Dr. L. Arunraj	National Conference On RTCSM 2019	NA	
2018-19	Ms. S.P. Valli	National Conference On RTCSM 2019	NA	
2018-19	Ms. S. Sharon Priya	National Conference On RTCSM 2019	NA	
2018-19	Ms. C. Hema	National Conference On RTCSM 2019	NA	
2018-19	Ms. D. Madhina Banu	National Conference On RTCSM 2019	NA	
2018-19	Ms. R. Akila	National Conference On RTCSM 2019	NA	
2018-19	Ms. J. Brinda Merin	National Conference On RTCSM 2019	NA	
2018-19	Ms. C. Vijayalakshmi	National Conference On RTCSM 2019	NA	
2018-19	Ms. S. Subhashini	National Conference On RTCSM 2019	NA	
2018-19	Ms. A. Radhika	National Conference On RTCSM 2019	NA	
2018-19	Mr.M.Haris Muhamed	National Conference On RTCSM 2019	NA	
2018-19	Dr.A.Ramachandran	National Conference On RTCSM 2019	NA	

2018-19	Mr.Balaji	National Conference On RTCSM 2019	NA
2018-19	Mr.Manoj Kumar D.S	National Conference On RTCSM 2019	NA
2018-19	Ms.K.Deivanai	National Conference On RTCSM 2019	NA
2018-19	Ms.Deepa V	National Conference On RTCSM 2019	NA
2018-19	Ms.Mehjabin Khatoon	National Conference On RTCSM 2019	NA
2018-19	Dr. S. Sathik Ali	National Conference On RTCSM 2019	NA
2018-19	Dr. Latha Tamilselvan	National Conference On RTCSM 2019	NA
2018-19	Dr. M. Kabeer	National Conference On RTCSM 2019	NA
2018-19	Dr. G. Kavitha	National Conference On RTCSM 2019	NA
2018-19	Dr. N. Prakash	National Conference On RTCSM 2019	NA
2018-19	Dr. P. Latchoumy	National Conference On RTCSM 2019	NA
2018-19	Ms. Nabeena Ameen	National Conference On RTCSM 2019	NA
2018-19	Dr.P.Gnanasekaran	National Conference On RTCSM 2019	NA
2018-19	Dr. L. Shakkeera	National Conference On RTCSM 2019	NA
2018-19	Mr. N. Rajendran	National Conference On RTCSM 2019	NA
2018-19	Ms. R. Priyadarshini	National Conference On RTCSM 2019	NA
2018-19	Ms. R. Mythily	National Conference On RTCSM 2019	NA
2018-19	Dr. A. Jaya	National Conference On RTCSM 2019	NA
2018-19	Dr. P. Sheik Abdul Khader	National Conference On RTCSM 2019	NA
2018-19	Dr. Gufran Ahmad Ansari	National Conference On RTCSM 2019	NA
2018-19	Dr. S. Pakkir Mohideen	National Conference On RTCSM 2019	NA
2018-19	Dr.M. Syed Masood	National Conference On RTCSM 2019	NA
2018-19	Dr. N. Ayyanathan	National Conference On RTCSM 2019	NA
2018-19	Dr. S. Shahar Banu	National Conference On RTCSM 2019	NA
2018-19	Ms. V. Muthupriya	National Conference On RTCSM 2019	NA
2018-19	Ms. P. Padmavathy	National Conference On RTCSM 2019	NA
2018-19	Dr. K. Javubar Sathick	National Conference On RTCSM 2019	NA
2018-19	Ms. S. Prathiba	National Conference On RTCSM 2019	NA
2018-19	Dr. G. Shree Devi	National Conference On	NA

		RTCSM 2019		
2018-19	Dr. A. Abdul Azeez Khan	National Conference On RTCSM 2019	NA	
2018-19	Mr. A. Salman Ayaz	National Conference On RTCSM 2019	NA	
2018-19	Ms. Preeti Verma	National Conference On RTCSM 2019	NA	
2018-19	Mr. V.M. Niaz Ahmed	National Conference On RTCSM 2019	NA	
2018-19	Mr. Rizwan Alam	National Conference On RTCSM 2019	NA	
2018-19	Dr.M.Mohamed Divan Masood	National Conference On RTCSM 2019	NA	
2018-19	Dr.Bernadetta Kwintiana Ane	National Conference On RTCSM 2019	NA	
2018-19	Dr. Zameer Gulzar	National Conference On RTCSM 2019	NA	
2018-19	Dr.Shakila Anjum	National Conference On RTCSM 2019	NA	
2018-19	Dr. Faraz Hasan	National Conference On RTCSM 2019	NA	
2018-19	Mrs.K.Reshmy.A.K	National Conference On RTCSM 2019	NA	
2018-19	Ms.Sindhu Ravindran	National Conference On RTCSM 2019	NA	
2018-19	Dr.P.Amudhavalli	National Conference On RTCSM 2019	NA	
2018-19	Mrs. Sabaria S	National Conference On RTCSM 2019	NA	
2018-19	Mrs.Srisakthi	National Conference On RTCSM 2019	NA	
2018-19	Mrs. Sindhya Lingaswamy	National Conference On RTCSM 2019	NA	
2018-19	Ms. Sowmya V	National Conference On RTCSM 2019	NA	
2018-19	Ms.Pandiyavathi T	National Conference On RTCSM 2019	NA	
2018-19	Ms.R.Saradha	National Conference On RTCSM 2019	NA	
2018-19	Ms.Shenbaga Priya	National Conference On RTCSM 2019	NA	
2018-19	Mr. S. Jeavudeen	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA	30000
2018-19	Mr. D. Predeep Kumar	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA	

2018-19	Mr. S. Raja Rajan	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. V . Gunasekaran	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. Md. Javeed Ahmed	K	NA
2018-19	Mr. A. Varunkumar	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. M. Balasrinivasan	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. N. Ravi Kumar	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. C. Sivakumar	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. K. Asrar Ahmed	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. K. Sathickbasha	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. N. Sirajudeen	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA

2018-19	Mr. S. Loganathan	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. Syed Shaul Hameed	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. B. Surya Rajan	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. M. Abdur Rahman	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. T. Venkata Ranga Rao	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. G. Rajesh	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. M Pervaz Ahmed	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. K Jameesha Ibrahim	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. Varun Kumar	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA

2018-19	Mr Himanshu Dwivedi	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Dr. Serajul Haque	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr.A. Muthu Manokar	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. D.R. Rajendran	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Mr. Sujit Tharakan	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Dr. V. Muralidaran	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Dr.M.A. Sai Balaji	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Dr. P.D. Jeyakumar	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA
2018-19	Dr. M. Thirumurugan	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA

2018-19	Mr.S. Mohamed Ilyas	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA	
2018-19	Mr. J. Mahashar Ali	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA	
2018-19	Dr. A. Arockia Julias	On "Advanced Composite Materials - A Research Perspective" & Friction Materials Concepts - Formulation, Testing & Environmental Issues	NA	
2018-19	Dr.S. Rasool Mohideen	NA	SAE India Professional Membership	18144
2018-19	Dr. H. Siddhi Jailani	NA	SAE India Professional Membership	
2018-19	Dr. V. Muralidaran	NA	SAE India Professional Membership	
2018-19	Dr.M.A. Sai Balaji	NA	SAE India Professional Membership	
2018-19	Dr. P.D. Jeyakumar	NA	SAE India Professional Membership	
2018-19	Dr. M. Thirumurugan	NA	SAE India Professional Membership	
2018-19	Mr.S. Mohamed Ilyas	NA	SAE India Professional Membership	
2018-19	Mr. J. Mahashar Ali	NA	SAE India Professional Membership	
2018-19	Dr. A. Arockia Julias	NA	SAE India Professional Membership	
2018-19	Mr. S. Jeavudeen	NA	SAE India Professional Membership	
2018-19	Mr. D. Predeep Kumar	NA	SAE India Professional Membership	
2018-19	Mr. S. Raja Rajan	NA	SAE India Professional Membership	
2018-19	Mr. V . Gunasekaran	NA	SAE India Professional Membership	

2018-19	Mr. Md. Javeed Ahmed	NA	SAE India Professional Membership
2018-19	Mr. A. Varunkumar	NA	SAE India Professional Membership
2018-19	Mr. M. Balasrinivasan	NA	SAE India Professional Membership
2018-19	Mr. N. Ravi Kumar	NA	SAE India Professional Membership
2018-19	Mr. C. Sivakumar	NA	SAE India Professional Membership
2018-19	Mr. K. Asrar Ahmed	NA	SAE India Professional Membership
2018-19	Mr. K. Sathickbasha	NA	SAE India Professional Membership
2018-19	Mr. N. Sirajudeen	NA	SAE India Professional Membership
2018-19	Mr. S. Loganathan	NA	SAE India Professional Membership
2018-19	Mr. Syed Shaul Hameed	NA	SAE India Professional Membership
2018-19	Mr. B. Surya Rajan	NA	SAE India Professional Membership
2018-19	Mr. M. Abdur Rahman	NA	SAE India Professional Membership
2018-19	Mr. T. Venkata Ranga Rao	NA	SAE India Professional Membership
2018-19	Mr. G. Rajesh	NA	SAE India Professional Membership
2018-19	Mr. M Pervaz Ahmed	NA	SAE India Professional Membership
2018-19	Mr. K Jameesha Ibrahim	NA	SAE India Professional Membership
2018-19	Mr. Varun Kumar	NA	SAE India Professional Membership
2018-19	Mr Himanshu Dwivedi	NA	SAE India Professional Membership
2018-19	Dr. Serajul Haque	NA	SAE India Professional Membership

2018-19	Mr.A. Muthu Manokar	NA	SAE India Professional Membership
2018-19	Mr. D.R. Rajendran	NA	SAE India Professional Membership
2018-19	Mr. Sujit Tharakan	NA	SAE India Professional Membership
2018-19	Dr.K.Mohamed Bak	NA	SAE India Professional Membership
2018-19	Dr. A. S. Selvakumar	NA	SAE India Professional Membership
2018-19	Dr. T. R. Tamilarasan	NA	SAE India Professional Membership
2018-19	Mr. V. Deepan	NA	SAE India Professional Membership
2018-19	Mr. C.K. Arvinda Pandian	NA	SAE India Professional Membership
2018-19	Mr. N. Rajmohan	NA	SAE India Professional Membership
2018-19	Mr. C. Dineshkumar	NA	SAE India Professional Membership
2018-19	Mr. N. Kamesh	NA	SAE India Professional Membership
2018-19	Mr. Sheik Mujahith Ahamed	NA	SAE India Professional Membership
2018-19	Mr. Syed Zubair S	NA	SAE India Professional Membership
2018-19	Mr. Manujoseph	NA	SAE India Professional Membership
2018-19	Mr. N. Kamesh	NA	SAE India Professional Membership
2018-19	Dr. Ashoke Ghosh	NA	SAE India Professional Membership
2018-19	Dr. P. N. Kadiresh	NA	SAE India Professional Membership
2018-19	Dr. R. Karunanidhi	NA	SAE India Professional Membership
2018-19	Mr. S. V. Karthikeyan	NA	SAE India Professional Membership

2018-19	Mr. M. Magesh	NA	SAE India Professional Membership	
2018-19	Mr.S Karthikeyan	NA	SAE India Professional Membership	
2018-19	Mr Sri Nithya Mahottamananda	NA	SAE India Professional Membership	
2018-19	Mr. D. Roshan	NA	SAE India Professional Membership	
2018-19	Mr. Arul Mozhiselvan	NA	SAE India Professional Membership	
2018-19	Dr.K. Srinivasan	Workshop On Exim Procedure And Documentation	NA	16951
2018-19	Dr. S.K.G. Ganesh	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr. Haider Yasmeen	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr. Shanmugam Munuswamy	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr. S. Panboli	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr. N. Anuradha	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr. K. Chandrika	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr. J. Hemalatha	Workshop On Exim Procedure And Documentation	NA	
2018-19	Ms. Tekhellampam Rocky Devi	Workshop On Exim Procedure And Documentation	NA	
2018-19	Mr.R. Arun Prasad	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr. Ansari Sawar Alam Noor Alam	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr. D. Ashokk	Workshop On Exim Procedure And Documentation	NA	
2018-19	Dr.Prabhjotdutta	Workshop On Exim Procedure And Documentation	NA	
2018-19	N. Raja Hussain	Workshop On Exim Procedure And Documentation	NA	

2018-19	N.Ravikumar	International Conference On Materials, Manufacturing And Modelling	NA	8000
2018-19	M.Balasinivasan	International Conference On Materials, Manufacturing And Modelling	NA	8000
2018-19	V.Gunasegaran	International Conference On Materials, Manufacturing And Modelling	NA	8000
2018-19	Dr. I.B.Shameem Banu	National Conference On Recent Trends In Functional Materials	NA	7250
2018-19	Dr. I. Raja Mohamed	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. S. Sathik Basha	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. G. V. Vijayaraghavan	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. M. Md. Sheik Sirajuddeen	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. R. Indirajith	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. R. Amiruddin	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr.Mahalingam Venkatakrisnan	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr.M.Vijayajayanthi	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr.D.Easwaramoorthy	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. S.Kutti Rani	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. N.Hajarabeevi	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. P Thirumalai Perumal	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. S. Bhagavathy	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. Revathi Purushothaman	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. A. Shajahan	National Conference On Recent Trends In Functional Materials	NA	

2018-19	Dr. J. Herbet Mabel	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. M. Asha Jhonsi	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. Vajjiravel	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. K. Karthikeyan	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. Noor Aman Ahrar Mundari	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. N. Vasimalai	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. Rafik Rajjak Shaikh	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Dr. K. Shakeela	National Conference On Recent Trends In Functional Materials	NA	
2018-19	Mr. S. Suresh	NA	IEEE Membership Fees	5138
2018-19	Mrs. V. Bharanigha	NA	IEEE Membership Fees	
2018-19	Mr. C. Athbel Joe	NA	IEEE Membership Fees	
2018-19	Mr. A. Paramasivam	NA	IEEE Membership Fees	
2018-19	Dr. L. Shakkeera	NA	IEEE Membership Fees	
2018-19	Ms. Nabeena Ameen	NA	IEEE Membership Fees	
2018-19	Dr.P.Gnanasekaran	NA	IEEE Membership Fees	
2018-19	Dr. N. Prakash	NA	IEEE Membership Fees	
2018-19	Mr. N. Rajendran	NA	IEEE Membership Fees	
2018-19	K.Saran Kumar	International Conference On Advance In Automation, Robotics And Sensing - Edition 2	NA	4450
2018-19	Mr. S. V. Karthikeyan	International Conference On Advance In Automation, Robotics And Sensing - Edition 2	NA	
2018-19	Mr.S Karthikeyan	International Conference On Advance In Automation, Robotics And Sensing - Edition 2	NA	
2018-19	Mr. M. Magesh	International Conference On Advance In Automation, Robotics And Sensing - Edition 2	NA	

2018-19	Mr Sri Nithya Mahottamananda	International Conference On Advance In Automation, Robotics And Sensing - Edition 2	NA	
2018-19	N.Sirajudeen	International Conference On Advanced Ceramic And Nano Materials For Sustainable Development	NA	2750
2018-19	M.Abdur Rahman	International Conference On Advanced Ceramic And Nano Materials For Sustainable Development	NA	2750
2018-19	Dr.Serajul Haque	International Conference On Advanced Ceramic And Nano Materials For Sustainable Development	NA	2750
2018-19	Varun Kumar. R	Biofuels And Fuel Cell - Fundamentals And Applications	NA	2000

6.3.2 Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title Of The Professional Development Program Organised For Teaching Staff	Title Of The Administrative Training Program Organised For Non-Teaching Staff	From	To	No. Of Participants (Teaching)	No. Of Participants (Non-teaching)
2018-2019	Workshop on Soft Skills & Effective Class Room Management	N/A	11.04.2019	17.04.2019	366	NA
2018-2019	Rat Lab Studio And Parametric Architecture	N/A	17.9.2018	17.9.2018	350	NA
2018-2019	Crescendo 2K19 - Intercollegiate Talent Meet	N/A	15.02.2019	15.02.2019	175	NA
2018-2019	One Day Workshop On Artificial Intelligence- Machine Learning & Soft.	N/A	8.2.2019	8.2.2019	150	NA
2018-2019	Two Days Workshop On Cloud Computing.	N/A	29.1.2019	30.1.2019	150	NA
2018-2019	Workshop On Renewable Energy Adopting Smart Technologies	N/A	1.10.2018	1.10.2018	150	NA

2018-2019	Workshop On IT Tinkering Lab- Mohammed Abubakar Gazali	N/A	13.3.2019	13.3.2019	140	NA
2018-2019	Guest Lecture On A Deluge Talk – Mr. M. Joseph,ITK Education Service Pvt Ltd	N/A	5.3.2019	5.3.2019	130	NA
2018-2019	Awareness Programme On Careers In Physics	N/A	07.03.2019	07.03.2019	125	NA
2018-2019	A Guest Lecture On Basic Applications Using Machine Learning	N/A	9.4.2019	9.4.2019	120	NA
2018-2019	Joint Studio Programme - Sushant School Of Art And Architecture	N/A	10.1.2019	10.1.2019	120	NA
2018-2019	Guest Lecture On "Tunneling Techniques In Chennai Metro Railway Limited" In Inauguration Of Society Of Civil Engineering	N/A	14.09.2018	14.09.2018	120	NA
2018-2019	N/A	Softskills Training for staffs	12.03.2019	03.04.2019	NA	110
2018-2019	Guest Lecture On Verbal Skills& Communication - Mr. S.C. Raghunathan, IMS&Time	N/A	09.01.2019	09.01.2019	105	NA
2018-2019	Guest Lecture On Start-Ups - Mr. Khuzema Siamwala	N/A	24.01.2019	24.01.2019	101	NA
2018-2019	International Workshop On Smart And Sustainable Green Infrastructure (IWSSGI 2019)	N/A	03.04.2019	04.04.2019	100	NA
2018-2019	Two-Days Workshop On Industrial IOT For Remote Monitoring And Management	N/A	21.3.2019	22.3.2019	100	NA

2018-2019	National Level Technical Symposium "Cybercrest- 2019"	N/A	12.03.2019	12.03.2019	100	NA
2018-2019	One Day Workshop On Ios App Development	N/A	26.2.2019	26.2.2019	100	NA
2018-2019	One Day Work Shop On Web Development & Soft Skills	N/A	15.02.2019	15.02.2019	100	NA
2018-2019	One Day Workshop On Ethical Hacking.	N/A	23.1.2019	23.1.2019	100	NA
2018-2019	Research Aspects In Computer Science	N/A	3.10.2018	3.10.2018	100	NA
2018-2019	IT Trends And Tipping Points	N/A	24.9.2018	24.9.2018	100	NA
2018-2019	CAA & CSI Society Inauguration	N/A	20.9.2018	20.9.2018	100	NA
2018-2019	The Role Of Management & Technology In Your Career Graph - Mr. Nizam Mohamed	N/A	31.01.2019	31.01.2019	98	NA
2018-2019	Workshop On EXIM Procedure And Documentation	N/A	19.02.2019	19.02.2019	96	NA
2018-2019	Seminar On AR & VR	N/A	31.01.2019	31.01.2019	96	NA
2018-2019	Working Capital Management & Venture Capital By K.A.Srinivasan	N/A	18.03.2019	18.03.2019	90	NA
2018-2019	Creative Career Guidance In Multimedia Technologies And Game Design And Development	N/A	27.07.2018	27.07.2018	90	NA
2018-2019	One Day Workshop On 'Modern Science In Quran'. Resourse Person: Mr. Umar Mukhtar	N/A	18.10.2018	18.10.2018	82	NA

2018-2019	Guest Lecture On PHP Basics And Ajax	N/A	10.4.2019	10.4.2019	80	NA
2018-2019	Career Guidance Programme	N/A	18.3.2019	18.3.2019	80	NA
2018-2019	3D Lighting Software Workshop	N/A	28.9.2018	29.9.2018	80	NA
2018-2019	Workshop On Applied Data Science –Mr. Mohammed Rafi, D-Labs	N/A	28.1.2019	28.1.2019	75	NA
2018-2019	N/A	Guest Lecture on Soft Skills	22.08.2019	22.08.2019	NA	73
2018-2019	“Climate Change And Water Security” In World Water Day	N/A	22.03.2019	22.03.2019	70	NA
2018-2019	Joint Studio Programme - FTA	N/A	14.6.2019	14.6.2019	68	NA
2018-2019	Workshop On Artificial Intelligence Machine Learning And Deep Learning	N/A	07.03.2019	08.03.2019	66	NA
2018-2019	One Day Workshop Big Data Analytics	N/A	20.9.2018	20.9.2018	65	NA
2018-2019	Workshop On Big Analytics Using Hadoop	N/A	12.09.2018	12.09.2018	65	NA
2018-2019	Big Data Analytics Using Hadoop	N/A	12.09.2018	12.09.2018	63	NA
2018-2019	N/A	One Day Handson on MS Office & Google Drive for Clerical Staff.	20.11.2018	20.11.2018	NA	60
2018-2019	One Day Training Session For All The Lab Technicians On 21st December 2018	N/A	21.12.2018	21.12.2018	60	NA

2018-2019	Guest Lecture On "Guidance On Career Development And Higher Studies"	N/A	27.09.2018	27.09.2018	60	NA
2018-2019	Guest Lecture On "Guidance On Career Development And Higher Studies"	N/A	27.09.2018	27.09.2018	60	NA
2018-2019	National Level Technical Symposium "CIVICLAN 2019"	N/A	12.03.2019	12.03.2019	56	NA
2018-2019	N/A	ISO Training for Non Teaching Staff	10.10.2019	10.10.2019	NA	56
2018-2019	Seminar Of Emerging Trends In IT	N/A	13.07.2018	13.07.2018	55	NA
2018-2019	A One Day Workshop On "Pedagogies For Teaching Language & Literature"	N/A	30.5.2019	30.5.2019	52	NA
2018-2019	Two Day Workshop On "Electrochemical Corrosion Techniques Theory & Hand On Training"	N/A	07.09.2018	08.09.2018	52	NA
2018-2019	Guest Lecture On Skills And Opportunities In Aerospace Engineering	N/A	02.02.2019	02.02.2019	51	NA
2018-2019	Guest Lecture On Practical Applications Of "Fluid Mechanics"	N/A	01.02.2019	01.02.2019	51	NA
2018-2019	Three Day Training Program On "Exactal Costx Training"	N/A	21.05.2019	23.05.2019	50	NA
2018-2019	Two -Day National Conference On Recent Trends In Computer Science And Mathematics	N/A	4.4.2019	5.4.2019	50	NA
2018-2019	One Day Mediation Awareness Programme	N/A	6.02.2019	6.02.2019	50	NA

2018-2019	Guest Lecture Software Testing Using Junit	N/A	13.10.2018	13.10.2018	50	NA
2018-2019	Financial Awareness And Consumer Training (FACT) Program- Supported By National Centre For Financial Education	N/A	25.09.2018	25.09.2018	50	NA
2018-2019	Workshop On MICRO-ELECTRO MECHANICAL SYSTEMS (MEMS)	N/A	12.09.2018	12.09.2018	50	NA
2018-2019	One Day Seminar On "Emerging Trends In Automotive Brakes"	N/A	27.03.2019	27.03.2019	48	NA
2018-2019	Guest Lecture On " Modern Construction Materials"	N/A	17.09.2018	17.09.2018	48	NA
2018-2019	N/A	One Day Training on "GROOMING & PERSONALITY SKILLS"	07.11.2019	07.11.2019	NA	46
2018-2019	Guest Lecture On SCADA - A Project Based Approach	N/A	18.2.2019	18.2.2019	45	NA
2018-2019	Guest Lecture On Fast Track To Differential Equations And Mathart- Dr.Sc. Math. ETH Albert Fässler, Professor Emeritus, Bern University Of Applied Sciences	N/A	06.02.2019	06.02.2019	45	NA
2018-2019	Workshop On Embedded System In Robotics Using ARM Cortex M0+	N/A	5.2.2019	6.2.2019	45	NA
2018-2019	Industry Expert Session On Logistics And Supply Chain Management - Mr. J. Dharanirajan	N/A	08.01.2019	09.01.2019	45	NA

2018-2019	Two Day Workshop On Structural Engineering Software (ETABS & STAAD Pro)	N/A	11.03.2019	12.03.2019	42	NA
2018-2019	Guest Lecture On "Fire Safety And Smart Building	N/A	12.10.2018	12.10.2018	42	NA
2018-2019	Guest Lecture On "Fire Safety And Smart Building	N/A	12.10.2018	12.10.2018	42	NA
2018-2019	Two Days Workshop On Development Of Applications Using Java .	N/A	15.02.2019	16.02.2019	40	NA
2018-2019	Special Lecture On "Procedures Of Amendment Under The Indian Constitution" By Dr. Mohan Rao Bolla, Principal, Kristu Jayanthi College Of Law, Bangalore.	N/A	10.01.2019	10.01.2019	40	NA
2018-2019	Guest Lecture On "Environmental Geo Technology"	N/A	17.09.2018	20.09.2018	40	NA
2018-2019	Guest Lecture On "Research Opportunities For Civil Engineers At NPCIL	N/A	09.03.2019	09.03.2019	38	NA
2018-2019	Conducted 10 Days Training Program On, "Rubber Science And Technology" Conducted By Department Of Polymer Engineering, B S A Crescent Institute Of Science And Technology, Chennai At M/S.Bridgestone Automotive India, Chennai	N/A	25.04.2019	10.05.2019	30	NA
2018-2019	The Changes And Challenges In Actuarial Profession- Mr.ThaiKa Shaikh	N/A	11.02.2019	11.02.2019	30	NA

	Omer, Actuarial Consultant					
2018-2019	Seminar On Block Chain Technology And Use Cases	N/A	05.02.2019	05.02.2019	30	NA
2018-2019	N/A	Communication Skills And Office Keeping Skill Training For All Personal Assistants Of Various Schools And Departments Conducted By Crescent FTA Team On 26th To 27th December 2018	26.12.2018	27.12.2018	30	NA
2018-2019	Seminar On Migration Of E-Mail Services To Cloud	N/A	13.07.2018	13.07.2018	NA	30

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration		Duration
		From	To	
FTA team organized a Series of One Week training programme on "Softskill training for staffs" for all faculties	366	11.4.19	17.4.19	One week
Joint studio Programme - Working on co-working spaces for the international expo 2020 - Heriot Watt University	68	14.6.19	14.6.19	1 day
A one day workshop on "Pedagogies for Teaching Language & Literature"	52	30.5.2019	30.5.2019	1 day
Three day training program on "Exactal CostX Training"	9	21.05.2019	23.05.2019	3 days

Conducted 10 days training program on, "Rubber Science and Technology" conducted by Department of Polymer Engineering, B S A Crescent Institute of Science and Technology, Chennai at M/s.Bridgestone Automotive India, Chennai	30	25.04.2019	10.05.2019	16 days
Guest Lecture on PHP Basics and Ajax	80	10.4.19	10.4.19	1 day
A guest lecture on Basic Applications using Machine Learning	120	9.4.19	9.4.19	1 day
Workshop on SCADA – WONDERWARE INTOUCH	20	8.4.19	9.4.19	2 days
Two -day national conference on Recent Trends in Computer Science and Mathematics	50	4.4.2019	5.4.2019	2 days
International workshop on Smart and sustainable green infrastructure (IWSSGI 2019)	100	03.04.19	04.04.19	2 days
One day Seminar on "Emerging Trends in Automotive Brakes"	48	27.03.19	27.03.19	2 days
Guest lecture on "Climate Change and Water Security" in World Water Day	70	22.03.19	22.03.19	1 day
Two-days Workshop on Industrial IOT for Remote Monitoring and Management	100	21.3.2019	22.3.2019	2 days
Career guidance Programme	80	18.3.2019	18.3.2019	1 day
Guest Lecture on "Working Capital Management & Venture Capital" by K.A.Srinivasan	90	18.03.2019	18.3.2019	1 day
Workshop on IT tinkering Lab-Mohammed Abubakar Gazali	140	13.3.2019	13.3.2019	1 day
National level technical Symposium "Cybercrest-2019"	100	12.03.2019	12.3.2019	1 day
National Level Technical Symposium "CIVICLAN 2019"	56	12.03.2019	12.3.2019	1 day
Two day workshop on Structural Engineering Software (ETABS & STAAD Pro)	42	11.03.2019	12.0.2019	1 day
Guest Lecture on "Religious education in American Higher Educational Institutions" by Dr. Varun Soni, Dean of Religious Law, University of Southern California, U.S.	41	11.03.19	11.03.19	1 day
Guest Lecture on "Research Opportunities for Civil Engineers at NPCIL	38	09.03.2019	09.3.2019	1 day
Workshop on Scientific Documentation and Presentation Using LaTeX	25	8.3.2019	8.3.2019	1 day

Workshop on Artificial Intelligence Machine Learning and Deep Learning	66	07.03.2019	08.3.2019	2 days
Awareness Programme on Careers in Physics	125	07.03.2019	07.3.2019	1 day
Guest lecture on A Deluge Talk – Mr. M. Joseph,ITK Education Service Pvt Ltd	130	5.3.2019	5.3.2019	1 day
One day workshop on ios App development	100	26.2.2019	26.2.2019	1 day
Workshop on EXIM Procedure and Documentation	96	19.02.2019	19.2.2019	1 day
Guest Lecture on SCADA - A Project based approach	45	18.2.2019	18.2.2019	1 day
Crescendo 2K19 - Intercollegiate Talent Meet	175	15.02.2019	15.2.2019	1 day
One day work shop on Web Development & Soft Skills	100	15.02.2019	15.2.2019	1 day
Two days workshop on Development of applications using java .	40	15.02.2019	16.2.2019	2 days
The changes and Challenges in Actuarial Profession-Mr.ThaiKa Shaikh Omer, Actuarial Consultant	30	11.02.2019	11.2.2019	1 day
One day workshop on Artificial Intelligence-Machine Learning & Soft.	150	8.2.2019	8.2.2019	1 day
Guest lecture on Fast Track to differential Equations and MathArt- Dr.sc. math. ETH Albert Fässler, Professor Emeritus, Bern University of Applied Sciences	45	06.02.2019	06.2.2019	1 day
One day Mediation Awareness Programme	50	6.02.2019	6.02.2019	1 day
Seminar on Block chain Technology and Use Cases	30	05.02.2019	05.2.2019	1 day
Workshop on Embedded System in Robotics using ARM Cortex M0+	45	5.2.2019	6.2.2019	2 days
Guest Lecture on Skills and opportunities in Aerospace Engineering	51	02.02.2019	02.2.2019	1 day
Guest Lecture on Practical Applications of "Fluid Mechanics"	51	01.02.2019	01.2.2019	1 day
Guest Lecture on the role of Management & Technology in your career graph - Mr. Nizam Mohamed	98	31.01.2019	31.1.2019	1 day
Seminar on AR & VR	96	31.01.2019	31.1.2019	1 day
Two days workshop on Cloud Computing.	150	29.1.2019	30.1.2019	2 days
workshop on Applied Data Science –Mr. Mohammed Rafi, D-Labs	75	28.1.2019	28.1.2019	1 day

Guest Lecture on Start-ups - Mr. Khuzema Siamwala	101	24.01.2019	24.01.2019	1 day
One day workshop on Ethical Hacking.	100	23.1.2019	23.1.2019	1 day
One day work shop on IoT – Kazuaki Tanaka, Associate Prof, Kyushu Institute of Technology, Japan	29	21.1.2019	21.1.2019	1 day
Joint studio Programme - Sushant School of Art and Architecture	120	10.1.19	10.1.19	1 day
Special Lecture on "Law of Inheritance under Hindu Law" by Dr. Chockalingam, Principal, Dr. Ambedkar Govt. Law College, Pattaraiperumpudur.	40	10.01.2019	10.1.2019	1 day
Special Lecture on "Procedures of Amendment under the Indian Constitution" by Dr. Mohan Rao Bolla, Principal, Kristu Jayanthi College of Law, Bangalore.	40	10.01.2019	10.1.2019	1 day
Guest Lecture on Verbal Skills & Communication - Mr. S.C. Raghunathan, IMS&Time	105	09.01.2019	09.0.2019	1 day
Industry Expert Session on Logistics and Supply Chain Management - Mr. J. Dharanirajan	45	08.01.2019	09.1.2019	2 days
Guest Lecture on Market Research Today - Mr. R. Kesavamurthy, IIM, Market Research & HR Consultancy	122	07.01.2019	07.1.2019	1 day
Communication skills and Office Keeping skill training for all Personal Assistants of various Schools and Departments conducted by Crescent FTA team on 26th to 27th December 2018	30	26.12.2018	27.12.18	2 days
One Day Training Session for All the Lab Technicians on 21st December 2018	60	21.12.2018	21.12.18	1 day
Short term course on Electric drives and its control - PHASE I	20	3.12.2018	4.12.2018	2 days
One day workshop on 3D Printing	25	29.10.2018	29.10.18	1 day
One day workshop on 'Modern Science in Quran'. Resource Person: Mr. Umar Mukhtar	82	18.10.18	18.10.18	1 day
Guest Lecture Software Testing using JUnit	50	13.10.2018	13.10.2018	1 day
Guest Lecture on "Fire Safety and Smart Building	42	12.10.2018	12.10.18	1 day

Guest Lecture on Research aspects in Computer Science	300	3.10.2018	3.10.2018	1 day
Workshop on Renewable Energy adopting Smart Technologies	150	1.10.2018	1.10.2018	1 day
3D Lighting software workshop	80	28.9.18	29.9.18	2 days
Guest Lecture on "Guidance on Career development and Higher Studies"	60	27.09.2018	27.09.18	1 day
Financial Awareness and Consumer Training (FACT) program-supported by National Centre for Financial Education	50	25.09.2018	25.09.18	1 day
Guest Lecture on Opportunities in US Job Market - Mr. Alan Coheley, Senior Vice President, Revature, US	105	24.09.2018	24.09.18	1 day
Guest Lecture on IT Trends and Tipping Points	100	24.9.2018	24.9.2018	1 day
CAA & CSI Society Inauguration	300	20.9.2018	20.9.2018	1 day
Guest Lecture on "Fire Safety and Smart Building	42	12.10.2018	12.10.18	1 day
Guest Lecture on Research aspects in Computer Science	300	3.10.2018	3.10.2018	1 day
Guest Lecture on "Guidance on Career development and Higher Studies"	60	27.09.2018	27.09.18	1 day
One day workshop Big data analytics	300	20.9.2018	20.9.2018	1 day
Guest Lecture on Financial Market & Career opportunities - Mr. Gokulnath Raja, Asst.Manager, NISM, Chennai	92	17.09.2018	17.09.18	1 day
Guest Lecture on " Modern Construction Materials"	48	17.09.2018	17.09.18	1 day
Guest Lecture on " Environmental Geo Technology"	40	17.09.2018	20.09.18	4 days
Rat Lab Studio and Parametric architecture	350	17.9.18	17.9.18	1 day
Guest Lecture on "Tunneling Techniques in Chennai Metro Railway Limited" in Inauguration of Society of Civil Engineering	120	14.09.2018	14.09.18	1 day
Workshop on MICRO-ELECTRO MECHANICAL SYSTEMS (MEMS)	50	12.09.2018	12.09.18	1 day
Big Data Analytics using Hadoop	63	12.09.2018	12.09.28	1 day
Workshop on Big Analytics Using Hadoop	65	12.09.2018	12.09.18	1 day
Hands on Cement workshop	45	11.9.18	11.9.18	1 day

Two day workshop on “Electrochemical Corrosion Techniques Theory & Hand on Training”	52	07.09.2018	08.09.18	2 days
Seminar on Migration of E-Mail services to cloud	30	13.07.2018	13.07.18	1 day
Seminar of Emerging trends in IT	55	13.07.2018	13.07.18	1 day
Creative Career Guidance In Multimedia Technologies and Game Design and Development	90	27.07.2018	27.07.18	1 day

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
65	9	52	NIL

6.3.5 Welfare schemes for

Teaching	<ul style="list-style-type: none"> Eligible staff members are granted earned leave and medical leave in addition to casual leave. Female members of staff are eligible for maternity leave. All members of staff are covered through group insurance for Accident Cum Hospitalization for a sum of Rs. 50,000/- Bank loan is also facilitated to Teaching staff. All staff members are enrolled in the scheme of Employees provident fund. Gratuity is allowed to all Teaching and Non-Teaching staff at the time of superannuation. Wards of the staff members are given fee concession during admission in UG and PG programme. Furnished accomadation at concession rates are provided to the faculty in staff quarters. Transport facility is provided to the faculty at concession rates. Facility to avail financial assistance through staff club on valid grounds. Family group Health Insurance Festival advance Appollo Shine Card
Non teaching	<ul style="list-style-type: none"> All members of staff are granted earned leave and medical leave in addition to casual leave. Female members of staff are eligible for maternity leave. All members of staff are covered through group insurance for Accident Cum Hospitalization for a sum of Rs. 50,000/- Festival advance Rs.10,000/- is given to non-teaching staff and recovered in 10 equal instalment without interest. Bank loan is also facilitated to Non-teaching staff. All staff are enrolled in the scheme of Employees provident fund. Non-teaching staff are enrolled in the scheme of Employees state Insurance. Gratuity is allowed to all Non-Teaching staff at the time of superannuation Furnished accommodation at concession rates are provided to the faculty in staff quarters. Transport facility is provided to the faculty at concession rates. Wards of the staff are given fee concession during admission in UG and PG

	programme.
Students	<ul style="list-style-type: none"> • All students are covered through group insurance for Accident Cum Hospitalization to a sum of Rs. 25,000/- and for permanent total disability to a sum of Rs. 50,000/- through Star Health and Allied Insurance Company Ltd., Chennai. • Wifi, play ground (Foot ball, basket ball and tennis) and Separate Gym for Boys and Girls are available in the Institution, Hospital with Ambulance, Bank, Books Shop, ATM and Canteen facilities are also available. • Merit Scholarship for academically bright students based on their +2 Marks. • Travel and DA allowance support to meritorious sport students for participation in national level tournaments • Financial support for participation in national level innovative competitions organised by government / semi government bodies. • Facilitate students to receive fellowships from various agencies as per UGC norms.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)

- Yes, the Institute carries out the Internal & External Audit regularly
- The Internal Audit of the Institute is carried out by Ernst & Young LLP the External Audit is carried out by N .C Rajagopal & Co, both these audit firms are having remarkably excellent services in the audit work and both the audit firms are very well renowned in the market.
- As a part of internal audit, Ernst & Young LLP review the critical process like (Admission, HR & Payroll, Procurement, Fixed Asset Management & Financial Accounting, and Revenue Recognition & Statutory Compliance) on yearly basis.
- The coverage on the critical process is mentioned below.
- Admission – Verification of Application process, short listing of candidates, fee fixation, scholar ship details and students admission.
- HR & Payroll – Recruitment process. Payroll processing, training of new recruits, performance appraisal for both teaching and non-teaching staffs & full and final settlements.
- Procurement –Review of operating expenses, vendor identification and selection process, Purchase order processing, Goods receipt and invoice verification.
- Fixed Asset Management –Review of capital expenditure, fixed asset accounting (Capitalization including depreciation) and annual physical stock verification.
- Financial Accounting – Review of accounts payable, accounts receivable, general ledger, cash and bank balances, and financial statements of year end closure.
- Revenue Recognition – Verification of fees receipts and checking of collection of fees which includes (Tuition fee, Transport, Exam fee, Hostel fee and other miscellaneous incomes).
- Statutory Compliance –Review of Provident fund remittances, Employees state insurance remittance, Goods and services tax returns, Health and safety norms and Contract labour rules, Income tax payments, Personal loan EMI for employees and other applicable acts.
- The Statutory Audit reviews and vouches the entries like (Receipts, Bill payments, Cash entries, Journals etc) of the institute for the financial year.
- The statutory audit will review in depth all the Incomes and the expenditures of the institute to ascertain that they are as per the standard accounting policies.

- The statutory audit will review the financial position of the institute and recommend how to effectively optimize any further additional liabilities to the institute.
- The financial audit report of the institute is prepared and submitted on time with the income tax department every year within the stipulated filing date.
- Internal Audit is to review the process of the financial systems which are as per norms and if there are any deviations in the current process they will provide us the solutions to improve the current systems.
- The internal audit also recommends enhancing the current systems policy with the present leading best practices among the 'education intuitions'.

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs. (in Lakhs)	Purpose
Star health Insurance corpus fund	100	Money Spent for the capital investment on construction of buildings viz. Architecture Block
Star health Insurance corpus fund	100	
Mahindra Pvt.Ltd.	1.57	International Conference

6.4.2 Total corpus fund generated Rs.201.57 Lakh

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	UGC, AICTE, NBA, ISO-DNV GL	Yes	Internal team with senior professors MR – ISO, BSACIST & Head of Departments / Deans of Schools
Administrative	Yes	UGC, AICTE, NBA, ISO-DNV GL	Yes	Internal team with senior professors MR – ISO, BSACIST & Head of Departments / Deans of Schools

6.5.2 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

NA

6.5.3 Activities and support from the Parent – Teacher Association (at least three)

I. Preamble:

The Institution maintains excellent rapport with parents and encourages their association and support in Academic / Curricular / Co-curricular / Administration activities for the holistic development.

II. ACADEMIC ASSOCIATION

- ❖ Parents are acting as member in the School Level Advisory Committee (SLAC) & Board of Studies (BOS) of the Departments. Their views and suggestions about Curriculum restructuring, syllabus revision, introduction of new courses, innovation in teaching – learning etc. The SLAC and BOS were conducted during June – July 2018 & Dec. 2018 – January 2019 across departments / schools of the institution covering all programmes offered by the institution during 2018-19.

Annexure V (A) : Sample minutes of SLAC and BOS

- ❖ Institution organized Parents – Teacher meeting (PMT), semester wise, to facilitate interaction between parents and course handling teaching faculty / Head of the Department / Dean of School and to understand the academic performance of their wards. In the academic year 2018-19, Parents – Teacher meeting was conducted on 29.09.18 (ODD semester 2018-19) in which around 700 parents were participated. In the Even Semester 2018-19, PMT was conducted with the participation of around 600 parents.

Annexure V (B): Sample Analysis report submitted by the Departments

- ❖ Institution maintains SMS communication with parents to disseminate information related to academic performance of their wards in continuous assessment tests, semester end examination, course wise attendance details etc. at regular intervals. Also communicate important information with respect to students perspective through SMS.



Fig. 1: Interaction of Parents with Faculty (PTM)

III. ACADEMIC AND ADMINISTRATION

❖ Parents participate in the meeting of Internal Quality Assurance Cell (IQAC) and offer their valuable suggestions on the following:

- ✓ Curricular Aspects
- ✓ Teaching Learning and Evaluation
- ✓ Research, Consultancy and Extension
- ✓ Infrastructure and Learning Resources
- ✓ Student Support and Progression
- ✓ Governance, Leadership and Management
- ✓ Alumni connect
- ✓ Admission

❖ In the Academic Year 2018-19, IQAC with participation of external members was held on

Annexure V(C) : Sample minutes of IQAC with parents participation

❖ Institution also facilitated association with parents in terms of 24X7 online feedback in the Institution website to obtain suggestion / comments on various aspects viz. teaching-learning process, curriculum & syllabus, attainment of programme outcomes, infrastructure facilities etc. 55 parents utilized this facility and exhibited their association with the Institution for the overall improvement.

Annexure V(D) : Sample feedback forms obtained from Parents

6.5.4 Development programmes for support staff (at least three)

S. No	Details of the Programme	Date of the Program	Duration	Details of Collaborating Agency & Resource Person	Details of the Faculty	Outcome
			Days / Hrs.		No. of Faculties Attended	Take Away
1	One Day Hands-On Fdp On "Ms-Office & Google Drive For Clerical Staffs"	20.11.2018	1 Day	Dr.Javubar Sathick,Dr.Prakash, Mr.Rajendran	60	Usage and Implementation Of Ms-Office & G-Drive In Day Today Work Has Been Discussed In Brief For The Clerical Staffs.
2	2 Day Training on "Communication Skills and Office Keeping Skill Training"	26.12.2018 & 27.12.2018	2 Day	Dr. Shahin Sultana, Professor, English, Dr. Sofia, Associate Professor ,English	30	Department of English Offered a much needed Training for All the Non Teaching Staffs to Equip themselves In Communication and Office Keeping Skills. 30 Participants Attended and Got Benefitted.

3	One Week Training Programme On "Soft-Skill Training for Staffs"	12/03/2019 To 18/03/2019 ; 19/03/2019 To 25/03/2019 ; 28/03/2019 To 03/04/2019	1 Week	Mr. Narendra Is An Alumnus Of IIM Ahmadabad	110	This Training Programme Offered for all the Non Teaching Staffs for Special Inputs to Develop their Soft-Skills for the Productive use in the Office.
4	Guest Lecture on Soft skills	22.08.2019	1 day	Mr. Narendra Is An Alumnus Of IIM Ahmadabad	40	This Training Programme Offered for all the Non Teaching Staffs for Special Inputs to Develop their Soft-Skills for the Productive use in the Office.
5	ISO Training for Non Teaching Staff	10.10.2019	1 day	Dr. S.K. Ganesh	50	Training was given to maintain files and log books in labs
6	New Staff Orientation Programme	03.02.2019	1 day	Director (HR)	40	Staff was briefed about the rules and regulation of the institute

6.5.5 Post Accreditation initiative(s) (mention at least three)

- Outcome based education incorporated
- Choice based credit system
- Emphasis on Entrepreneurship development
- Accredited 20 programmes (inclusive of UG and PG programmes)
- Green initiative
- Innovation and Incubation facility creation
- Research incentive scheme motivated to improve the h-index from 26 (CY2014) to 46 (CY2019)

6.5.6

- a. Submission of Data for AISHE portal : (Yes /No) Yes
- b. Participation in NIRF : (Yes /No) Yes
- c. ISO Certification : (Yes /No) Yes
- d. NBA or any other quality audit : (Yes /No) Yes

6.5.7 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity (from-----to-----)	Duration	Number of participants
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2018-19	2 Day FDP on “Train the Trainers”	26.6.2018 – 28.6.2018	2 Day	30
	1 Day FDP on “Innovative Presentation Skill”	28.06.2018	1 Day	60
	5 Day FDP on “Oracle PL/SQL	22.10.2018 – 26.10.2018	5 Day	30
	1 Day Hands-on FDP on “ Predictive Modelling using R”	02.11.2018	1 Day	30
	1 Day FDP on Class-room Management	12.11.2018	1 Day	100
	One Day Hands-on FDP on ”MS-Office & Google Drive for Clerical Staffs”	20.11.2018	1 Day	60
	One Day Training programme on “Maintenance of Computer Hardware/Network/Infrastructure & its Implementation Procedures”	14.12.2018	1 Day	30
	2 day Training on “Communication skills and Office Keeping skill training”	26.12.2018 & 27.12.2018	2 Day	30
	One Day National Seminar on “E-Learning and MOOCs in Higher Education”	09.03.2019	1 Day	100
	One Week training programme on “Soft-skill training for staffs”	12.03.2019 – 18.03.2019	1 Week	110
	One Week training programme on “Soft-skill training for Non Teaching staffs”	28.03.2019 – 03.04.2019	1 Week	100
	One Day Hands-on FDP “Usage of Raspberry Pi in Machine Learning Environment	03.04.2019	1 Day	42
	Two Day Hands-on FDP “Applications of image processing using MATLAB”	02.05.2019&03.05.2019	2 Day	30
	AICTE SPONSORED One Week “Student Induction Programme LEVEL-1” for the faculties	20.05.2019 - 26.05.2019	1 Week	50
	Eclectic HR CONFAB’19(2 Day International Conference) Organized by HR & Faculty Training Academy In collaboration with Department of Commerce ,Crescent Innovation Incubation Council (CIIC) Training and Placement Cell Of B.S. Abdur Rahman Crescent Institute of Science and Technology	20.06.2019 & 21.06.2019	2 Day	120
	One day Faculty Development Programme on “Effective Teaching Practices” for all the faculties	03.07.2019	1 Day	367
	Two Day Faculty Orientation Programme for Newly Joined Faculties	08.07.2019 – 09.07.2019	2 Day	30
One Day ICT Enabled Faculty Development Programme on “Engineering Graphics”	09.07.2019	1 Day	60	
One Week training programme on “Soft-skill training for staffs”	19.03.2019 – 25.03.2019	1 Week	42	

One Week training programme on “Soft-skill training for staffs”	28.03.2019 – 03.04.2019	1 Week		
One Week training programme on “Soft-skill training for Non Teaching staffs”	04.04.2019 – 10.04.2019	1 Week	30	
Three days Workshop on “Writing Quality Research Articles, Project Proposals and Patents” Dr. Subhendu Chakrabarti, Chief Scientist, CLRI and Dr. Nikhil A Gokhale, Enago Academy, Mumbai.	20.07.2018 – 22.07.2018	3 days	200	
A seminar on “How to write project proposal in International collaboration projects” Dr. C. Sivaji, senior scientist, Head, International Division, Department of Science and Technology (DST), Govt. of India, New Delhi.	2 .11.2018	1 day	40	
Onsite training Seminar on “Turnitin’s User Awareness Program & Similarity Check”. Mr. Akshay Prasanna, Customer Success Manager – Turnitin	20.11.2018	1 day	80	
Introduction to Anveshan- Student Research Convention – 2019. Prof. T Harinarayana - Anveshan- Student Research Convention – 2019.	5.12.2018	1 day	25	
One Day Workshop on Qualitative Writing of Sponsored Project Proposals. Dr. K. Gopalakrishnan, Dean (Research & Development)	04-01-2019	1 day	54	
A one-day Workshop on “Data Analysis and Visualization Using R” -Dr. A. Azad, Registrar, Prof. T Harinarayana, Director and Dr. K. Prabhakar, Research Coordinator in the programme.	14 th March 2019	1 day	25	
Two Days workshop on “Data Analytics and Data Visualization using R K. Prabhakar, Dr. E. Syed Mohamed, Mr. R. Pari, Ms. B. Pushpa, and Ms. V. Jean Shilpa	21.02.2019 and 22.02.2019	2 days	30	

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES			
7.1 - Institutional Values and Social Responsibilities			
7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)			
Title of the programme	Period (from-to)	Participants	
		Female	Male
Yoga for women	21.06.2018 (1 day)	80	
Psychological Motivation Workshop for women faculty and students	12.09.2018 (1 day)	70	
Communication skills training for women	26.12.2018-27.12.2018 (2 days)	30	
Health Awareness programme for women	07.08.2018 (1 day)	60	
Workshop on Technical writing	20.07.2018 (1 day)	30	40
Green initiative Drive- Planting trees by girl students	30.09.2018 (1 day)	50	
Faulty Development programme For women faculty on Teaching technique	11.02.2019 -12.2.2019 (2 days)	50	
Sports for women	30.01.2019 (1 day)	70	
International womens Day Celebration	08.03.2019 (1 day)	110	
Freedom bicycle rally event for women	08.03.2019 (1 day)	50	
Soft skills training for women faculty	19.03.2019 to 25.03.2019 (7 days)	40	
Motivational Seminar for Women student by Crescent Alumini Association	21.03.2019	75	
7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:			
Percentage of power requirement of the University met by the renewable energy sources : 50.1%			
7.1.3 Differently abled (Divyangjan) friendliness			
Items Facilities	Yes/No	No. of Beneficiaries	
Physical facilities	Yes	Nil	
Provision for lift	Yes	Nil	
Ramp/ Rails	Yes	Nil	
Braille Software/facilities	Yes	Nil	
Rest Rooms	Yes	Nil	
Scribes for examination	Yes	Nil	

Special skill development for differently abled students		Yes		Nil		
Any other similar facility		Yes		Nil		
7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2018-2019	13	1	04.06.2018	Institution of Civil Engineers	Exams	200
		1	16.07.2018 & 17.07.2018 (2 Days)	Anti Drug Awareness Programme at Karanai Puducherry	Drug awareness programme	100
		1	20.07.2018 (1 day)	Visit to Akshaya old age home .	Community Service	50
		1	14.08.2018 to 20.08.2018 (7 days)	Kerala Flood Relief	Community Service	200
		1	30.09.2018 (1 day)	Tree Plantation programme at Mahindra city , Kancheepuram	Tree Plantation programme	250
		1	12.10.2018 (1 day)	Youth Awakening Rally	Youth Awakening Rally	500
		1	19.11.2018 (1 day)	Orientation programme for NSS officers	NSS Officers training programme	502
		1	01.12.2018 (1 day)	Adoption of Maninangalam Village, Kanchipuram District	Community Service	200
		1	19.01.2019-20.02.2019 (2 days)	Food safety awareness programme with food safety department of Tamil Nadu	Food and Health awareness Programme	50
		1	19.02.2019 (1 day)	Drug Free India movement campaign	Drug Free India Camapaign	100
		1	03.03.3019	Health Awareness programme at Vandalur	Health Awareness	45
		1	09.04.2019 (1 day)	Lok Sabha Election orientation Programme	Awareness of election system	50

	1	12.04.2019 (1 day)	Food Adulteration Awareness programme	Community service	60
	12	11.06.2018 to 12.06.2018 (2 days)	Sowdambigai Handloom Exhibition	Helping weavers	100
		15.08.2018 and 19.08.2018 (2 days)	Chitiram - Orphanage visit	Helping orphans	120
		10.09.2018 (1 day)	Khagidham - Waste paper management and fund raising for school students	Environmental awareness	70
		29.09.2018 (1 day)	Surgical Strike day -officers Training Academy ,Meenambakkam	Community Services	100
		30.09.2018 (1 day)	Back to School Days- Helping school students	Community Services	350
		01.10. 2018 to 03.10.2018 (3 days)	Sowdambigai Handloom Exhibition	Community Services	70
		01.11.2018 (1 day)	Gaja Cyclone relief programme	Community Services	350
		07.12.2018 (1 day)	Leadership training for Headmasters and Principals of Higher Secondary Schools , Kanchipuram	Leadership training	300
		22.12.2018 (1 day)	Pagirthu-Unn-(Share and Eat)- Community Service programme	Community Services	100
		26.12.2018 (1 day)	Kalviku Karam-Programme for Helping Students Education	Education	40
		30.01.2019 (1 day)	Visit to Freedom Children Home, Chennai	Community Services	30
		18.02.2019 (1 day)	Walk for Matyrs	Community Services	210

7.1.5 Human Values and Professional Ethics		
Code of conduct (handbooks) for various stakeholders		
Title	Date of Publication	Follow up (maximum 100 words each)
Students code of conduct https://crescent.education/student-affairs/students-code-of-conduct/	July, 2018	<p>After implementation of code contact following measures done for the maintenance</p> <p>The orientation programme has conducted every year for all the UG and PG students.</p> <p>To enhance the code of conduct among the students three weeks student's induction programme conducted with more emphasis on human values topics like harmony in individuals, family relationship, society and nature. Also covering topics like trust, anger management, importance of gratitude, respect maintenance, competition related cooperation and handling of peer pressure.</p> <p>Each student provided with Anti-Ragging booklet containing code of conduct information and acknowledged declaration signed by each student after understanding booklet information.</p> <p>Proctorial, anti-ragging and discipline committee including faculty members from the each department does the routine rounds to maintain core values, discipline, dress code, respect, dignity, impartiality, courtesy, non-discrimination and conversant with the rules and regulations of the Institution.</p>
Code of conduct for students (General) https://crescent.education/student-affairs/students-code-of-conduct/	July, 2018	<p>Proctorial, anti-ragging and discipline committee including faculty members from the each department does the routine rounds to maintain core values, discipline, dress code, respect, dignity, impartiality, courtesy, non-discrimination and conversant with the rules and regulations of the Institution.</p> <p>Apart from personnel contact (Students' Grievance Redressal nodal officer, Anti-Ragging Nodal officer, Internal Complaints Committee members), different locations of institute placed complaints boxes to receive and address issues related to student code conduct.</p>
Code of Conduct for Employees Code of Conduct for Teachers Code of Conduct for Non-teaching staff Code of contact for Administrators	August 2018	<p>Decisions concerning career development, promotion, succession planning and compensation depend on the information provided through effective performance management. The BS Abdur Rahman Crescent Institute of Science and Technology will, therefore, ensure that all new employees understand the requirements of their jobs as well as the expected results. The actual assessment of how well they have performed will be undertaken at the end of each year through a comprehensive appraisal of their performance in relation to these expectations. Staff appraisal is often viewed as a punitive measure where most junior staff looks it as a time when their seniors would get even with them for whatever reason. BS Abdur Rahman Crescent Institute of Science and Technology will, therefore, seek to promote a healthy</p>

	<p>understanding of this process in terms of being an avenue to promote dialogue between staff and management as well as a system through which the specific needs of staff are identified and brought into the limelight.</p> <p>Specifically, the appraisal process at BS Abdur Rahman Crescent Institute of Science and Technology will be undertaken to:</p> <ul style="list-style-type: none"> ● review the performance of the staff against assigned tasks and responsibility; ● identify the areas of weaknesses and provide positive feedback to the staff on their individual and team performance; ● identify the areas of strength in each staff; ● identify staff who can be developed to take up increased responsibilities; ● identify the staff training needs; ● create a basis for rewarding superior performance; ● plan for the following year
--	--

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from July 2018 to June 2019)	Number of participants
International Yoga day celebration	21.06.2018 (1 day)	300
Yoga Awareness day	13.07.2018 (1 day)	150
Independence day	15.08.2018 (1 day)	250
Teacher Day Celebration	05.09.2018 (1 day)	200
Engineers day	17.09.2018 (1 day)	100
Remeberance of Surgical Strike	29.09.2018 (1 day)	100
Youth Awakeneing day	15.10.2018 (1 day)	150
National Unity day	31.10.2018 (1 day)	200
observance of World Aids Day	01.12.2018(1 day)	50
Pongal celebration	11.01.2019 (1 day)	100
Republic day	26.01.2019 (1 day)	200
Tributes to the Jawans	18.02.2019 (1 day)	100
International women day	08.03.2019 (1 day)	500
World water day	22.03.2019 (1 day)	100
Ramzan-Iftar party	21.05.2019 (1 day)	200

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

➤ 250kWp Two Roof-top Solar Power Plant already installed in our campus.
--

- New Roof-top Solar Power Plant III of 300kWp capacity commissioned in October 2018 at a cost of 1.20Cr. Return on Investment is 24.19Lacs till 30th June 2019.
- LED fixtures – of around 43KW capacity has been installed in our campus in the past 6 years. At least 60% of less power is consumed due to this.
- GBCI-EDGE Green building certification received for New Ladies Hostel & New staff quarters on 23.04.2018.
- Campus Solid Waste Management program is implemented – to segregate and recycle organic waste, paper, cartons, paper cups, soft drink tins, plastic, pet bottles, e-waste, bio-waste, etc.
- New 250Kg Eco bin installed in BSACIST campus for Food Waste collected from mess & kitchen
- To reduce pollution inside campus, 55 Nos bicycles have been provided for students to commute between Men's Hostel, Ladies Hostel and College Main gate. Battery Car and Electric Bike provided for staff
- 15 Nos new AC buses, which are BS-IV compliant vehicles, have been provided for induction into the student transport fleet from July 2018.
- 33% of Carbon foot print is offset by the above environment – friendly measures in campus.
- Rain Water Harvesting system has been implemented in all buildings
- Dish Wash Machine installed in Men's Hostel & Women's Hostel

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

Entrepreneurship among students

- ❖ Objectives of the practice
 - ✓ To provide adequate knowledge on social entrepreneurship and advanced entrepreneurship
 - ✓ To promote entrepreneurial environment inside the institution and encourage / facilitate student start-ups.
- ❖ The context
 - ✓ There is a general depletion in core engineering jobs and related sectors due to economic slowdown across the globe.
 - ✓ There is a need to generate jobs to address the unemployment issue prevailing in the country. Since government alone cannot address this issue and provide employment to all the graduating students.
 - ✓ There is a need to inculcate students the significance of social entrepreneurship for the advancement of rural areas of the country and betterment of society & country.
- ❖ Evidence of Success
 - ✓ In the ODD semester 2018 – 19, 810 students pursued the course “Social Entrepreneurship”.
 - ✓ In the Even semester 2018-19, 57 students pursued “Advanced Entrepreneurship” course.
 - ✓ There is a creation e-leadership cell by involving student representatives from departments / school under the headship of CEO, Crescent Innovation and Incubation Council.
- ❖ Problems Encountered and Resources Required
 - Problems Encountered
 - ✓ Difficulty in imparting online based entrepreneurship training to academically weak students.

- Resources Required
 - ✓ Generation of trained faculty members, department wise, to offer the entrepreneurship course with discipline specific mode.

Training students in cutting edge Open Source Software

- ❖ Objectives of the practice
 - ✓ To offer value added courses to students across disciplines in the niche areas in the IIT Bombay (Spoken Tutorials) mode.
 - ✓ To promote mass usage of Open Source Software among students and teaching faculty.
 - ✓ To reach out software learning to students of all the disciplines to excel in their domain.
- ❖ The Context
 - ✓ India is a front runner in the computer software area and to maintain sustainability there is a need for updated domain knowledge.
 - ✓ There is a need to facilitate students with different background / economic status / linguistic nature to software education in a student-friendly way in an affordable way.
 - ✓ There is a need to generate discipline specific graduates with knowledge on skill base software to handle the domain specific Artificial Intelligence needs.
- ❖ Evidence of Success
 - ✓ In the Even semester 2018-19, 46 value added software courses were offered and 1499. students enrolled in these courses across 9 Departments (including circuit and non-circuit branches).
 - ✓ The employability skills of the students has enhanced since many employers opting to select students with updated software training in emerging areas.
- ❖ Problems Encountered and Resources Required
 - Problems Encountered
 - ✓ Difficulty in creating awareness among core engineering, arts & science, pharmacy and law programme students to pursue open source software courses.
 - ✓ Problems in breaking the mental barrier of academically weak students to pursue these courses due to misunderstanding of complexity level.
 - Resources Required
 - ✓ There is a need to create more awareness on students belonging to non-engineering category about the benefits of pursuing online based, discipline specific, soft ware courses.
 - ✓ Faculty members shall be motivated to pursue the open source software courses to understand better the learning tools and disseminate the information to students.

https://crescent.education/wp-content/uploads/2020/02/Best_Practices_BSACIST.pdf

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
 Provide the weblink of the institution in not more than 500 words

VISION AND MISSION OF RESEARCH DIVISION OF OUR INSTITUTE

VISION

B.S.Abdur Rahman Crescent Institute of Science and Technology strives to be a “Research Intensive Institution” through various quality enhancement and sustainable initiatives

MISSION

- To offer Ph.D programme in all the Departments of the Institution
- To offer BSA Research Fellowships in all the departments to attract young talents
- To conduct periodical review meetings for research scholars to ensure quality
- To disseminate the research findings through publications
- To introduce innovative schemes to encourage quality research and to increase number of research publications
- To introduce a conducive ambience so as to bring in a research culture.

To excel in research the following measures are implemented

- Planning, promoting and facilitating leading-edge research, including interdisciplinary and collaborative research, in the thrust areas related to the goals of our B.S Abdur Rahman Crescent Institute of Science & Technology.
- Associating, developing and providing sufficient technical support for a group / individual of innovative researchers to enhance research activity at the Institution.
- Increasing internal and external research opportunities for faculty and graduate students.
- Transferring knowledge to Society through outreach programmes.
- Institute provide policy guidelines and direction for the growth and development of research activities.
- The policy establishes the research ecosystem and framework within which academic staff, postgraduate research scholars, undergraduate research students, organizations and research institutional partners to conduct research.
- R&D Council is constituted with experts for each school.
- R&D council suggest measures for improving existing infrastructural facilities for enhancing research ambience.

To encourage research among faculty and students the following measures are carried out

- Establishment of Centre’s of excellence like Innovation and Incubation Centre, Centre for Energy Studies and Research, Nano technology centre
- Centralized Laboratory for research with sophisticated instruments
- Identification of research oriented faculty.

- Research Incentive Scheme for faculty.

The primary objective of the proposed incentive scheme is to motivate the faculty members of our Institution to undertake quality research, consultancy and other related activities.

SCOPE OF THE SCHEME

This scheme covers all faculty members of all Departments of the B.S Abdur Rahman Crescent Institute of Science and Technology. The scope of the scheme envisages in particular

- To motivate faculty members to concentrate on research related activities in addition to the teaching so as to publish articles in reputed refereed international and national journals with impact factor.
 - to pursue efforts to write books, monographs for publication by International and National publishers of repute.
 - to evince interest among the members of faculty so that they take efforts to establish collaborative research projects with their counterparts in reputed foreign Universities.
 - to encourage the faculty to submit proposals and secure funded research projects from various funding agencies in India and abroad.
 - to undertake consultancy projects sponsored by both the Government and Private Industrial and other organizations.
 - to encourage creativity in the minds of faculty, so that they make original contributions by way of products, concepts etc. and obtain patents.
 - There is a constant increase in the number of faculty members who were awarded with the research incentive award. An amount of Rs, 31.54 Lakhs has been awarded to faculty members in the past years to promote research.
- Institute allocate research fund for all departments to spend for consumables, non-consumables and R&D.
 - Financial support for attending Conferences
 - Institute Research fellowships
 - Earn while you learn scheme.
 - Excellent research facilities
 - Laboratories open 24 x 7
 - Collaborative research with universities abroad.
 - Institute recognizes the contribution made by members of staff undertaking consultancy.
 - Expertise and support from financial and legal service, with respect to patenting and other related issues.
 - Institute has signed MOUs with national and international organizations in order to promote advanced in different frontier areas

- Support faculty in research by conducting programmes on
 - Workshop on Strategies for innovative and quality research
 - Seminar on Turnitin Plagiarism software
 - Workshop on Writing quality research articles, project proposal and patents.
- Library has over 17,000 e journals including IEEE, ASME, ASCE, Springer Elseiver, Emerald, PROQUEST etc and open access journals which can be remotely accesses from anywhere.

OUTCOME OF RESEARCH

- The progress made in the research front is commendable. The Scopus H-index of this Institution is currently 45, which has increased from 11 in the year 2008. The average citation index is 5.572. The total research publications have been made in the refereed journals and conference proceedings is 4911.
- More than 14 funded research projects in the tune of Rs.411 Lakhs are currently being investigated by the faculty members. Already funded projects to the tune of Rs. 325.91 Lakhs sponsored by the funding agencies like DST, DRDO, SERB UGC-DAE, DBT etc have been successfully completed.
- All the departments in various schools are offering Ph.D programmes. Out of 358 faculty members, 169 are Ph D qualifications and 103 are pursuing Ph. D in BS Abdur Rahman Crescent Institute of Science and Technology and other Universities. At present 504 research scholars are on roll and 87 scholars have been already awarded PhD degree. With an intention to promote quality research, the institution offers JRF and SRF fellowships to 66 research scholars and another 21 scholars are securing fellowships from government funding agencies such as CSIR,DST etc.
- A Centre for sponsored research and consultancy has been created in B.S.Abdur Rahman Crescent Institute of Science and Technology for the promotion of sponsored research, industrial consultancy and patent filing.
 - There are 37 MoUs signed with industries to strengthen the research
<https://crescent.education/research/about-us/about-us/>

CRITERION VIII : FUTURE PLAN OF ACTION

8. Future Plans of action for next academic year (500 words)

Admission

- In order to popularize certain programmes, it is proposed to introduce specialization based on the recent advances in science and technology
- To improve the enrolment of students, it is proposed to conduct various value added programmes
- To promote the admission of International and NRI students, it is planned to establish a centre for International Relations (CIR)
- The centre for International Relations will take initiatives to improve the admission of International and NRI students and assist them

Academic

- Providing open source software based value added courses to atleast 50% of the students in the Institution.
- Reducing the 'I' grade in courses offered by the institution by atleast 20% as compared to earlier academic year.
- Aim for attainment of atleast 80% pass percentage in all the courses offered by the Institution across departments / schools.

Research

- To attract International candidates to pursue Ph. D. in our Institute and for collaborative quality research
- Initiate to offer Post Doctoral Programme in all the departments
- To achieve h-Index of 100 in the next 10 years
- To become an Institution with all faculty members having Ph.D. qualification
- To initiate more Collaborative research work with premier Universities & Industries in India
- To create more centres of excellence and central facility for advanced studies and research
- To encourage 50% of the faculty members in every department to have funded projects
- To conduct 5 workshops / Conferences / Seminars for quality in research publications
- Two research publications per year per faculty

Students

- Commence National Cadet Corps (NCC) senior Air Force Wing in our campus.
- On campus part time job opportunities creation for fascinated students.
- To enhance social responsibility among the students, a special program will be planned for human value topics like harmony in individuals, family relationship, society and nature. Also covering topics like trust, anger management, importance of gratitude, respect maintenance and competition related cooperation.

Placement

- Pre-Assessment – Initiative to bring the potentials of the students through skill test by external trainers.
- Training to be arranged for 2nd, 3rd & 4th year of all UG / PG students in their respective class rooms.
- Plan to conduct integrated classroom training from first year onwards in communication and personal skills.
- Online practice sessions through Mobile Apps for all the students.
- With the internal trainers, plan to give soft skill trainings and with the department heads plan for giving domain specific trainings for students to become more employable.
- Introduction to value added job oriented courses which will prepare students for their career.
- Value added courses like flying course, Flight Despatcher, Ground Handling, Cabin Crew Management and Student Pilot License (SPL) to be introduced for students for those whose passion is to fly.
- Robotics AI is a booming industry in which student should have hands on experience, plan to offer them as value added courses.
- Learning a new language is difficult but not impossible, plan to introduce the Japanese Language Club which will help students to be placed as translators.
- Plan to start a magazine, Crescent talks which will showcase all the activities that are happening at the placement and training department.
- Initiated Crescent iKonnnect, bridge between the students and the industries where students will have an industry oriented interactions.
- International Internship and Placement for all the interested students.
- Plan to provide dream offers and super dream offers which are highly paid offers for the students in the placement drive.
- The Placement & Training department will arrange a workshop with LinkedIn which will help all the students to create their profile in LinkedIn and to showcase their resume to the industry.
- Placement will interact with the final year students providing them an orientation with the industry people to motivate them on their Career Plan.
- To Sign MoU with various organizations' like IIT Bombay, Madras Flying Club (MFC), Prag Robotics, Whoosh Singapore Pvt. Ltd, etc.,
- If the students are looking for higher studies the placement and training department is guiding them with their Statement Of Purpose (SOP) through the industries.
- To conduct events like Hackathon, Learnathon competitions to help students get into the industries.

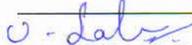
- Overseas education is a part of Placement and training activity, in this regard there is a plan to get the internships for the students with stipend which will be mutually beneficial.
- Plan for Green placement where in all the activities of the placement will be digitalized and will reduce paper usage. Plan to use only on-line / electronic recruiting methods adopting technology for anytime & anywhere access.
- In the forth coming academic year (2019-20), 350+ Companies from India and overseas are expected and 100% placement of our eligible students.
- To achieve the projected target mentioned above, plan to organize the following events periodically.
 - ✓ Planned to conduct Lateral hiring for our Alumni on 21st Dec. 2019
 - ✓ Industry – Institute Connect
 - ✓ HR Connect
 - ✓ Overseas Internship cum Placement
- Planned to conduct Talent Test to support Post Graduate admission in forthcoming year.

Evaluation

- Computerized question paper setting from question bank to be initiated
- QR code implementation in Question paper and answer script
- Secured Access Control using Biometric, RFID Tag or pin
- CCTV camera installation in Controller of Examination Office and monitoring from Central Control room and CoE mobile
- Uploading degree certificates in National Academic Depository (NAD)
- Installation of Compaq for storage of Question paper and important documents

Name U. Sabura Banu

Name A. PEER MOHAMED


 Signature of the Coordinator, IQAC


 Signature of the Chairperson, IQAC

ANNEXURE I : ABBREVIATIONS

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence

ANNEXURE II – Academic Schedule 2018-19

20.07.2018

Academic Schedule for the Academic Year 2018-19

ACTIVITY	ODD SEMESTER			EVEN SEMESTER	
	UG & PG	I Semester PG	SAIS	ALL UG & PG	SAIS
Commencement of the Academic Year	11.07.2018	16.08.2018	02.07.2018	02.01.2019	03.12.2018
CAT I	29.08.2018	10.10.2018	14.08.2018	13.02.2019	17.01.2019
CAT II	10.10.2018	17.11.2018	03.10.2018	25.03.2019	06.03.2019
Last Date for Payment of Exam Fees	03.10.2018			20.03.2019	
Last Date for Payment of Exam Fees with Fine	11.10.2018			28.03.2019	
Last Instructional Day	02.11.2018	04.12.2018	15.11.2018	16.04.2019	18.04.2019
Practical Courses – Semester End Exams	08.11.2018	05.12.2018	--	22.04.2019	--
Substitute Exams	19.11.2018		--	02.05.2019	--
Theory Courses – Semester End Exams	23.11.2018	10.12.2018	16.11.2018	06.05.2019	22.04.2019
Last Working Day	07.12.2018	21.12.2018	30.11.2018	21.05.2019	04.05.2019
Ph.D. Directed Study	08.12.2018	--	--	22.05.2019	--
Arrear Theory Courses – Semester End Exams					
Result Declaration	21.12.2018	11.01.2019	05.12.2018	31.05.2019	16.05.2019
Supplementary Examinations	--			26.06.2019	--
Reopening Date for the next semester	02.01.2019		03.12.2018	03.07.2019	--
Recess for Institution	23.12.2018 to 01.01.2019		--	04.06.2019 to 16.06.2019	--

A. Jeyaraj
for COE
20/7/18

A. Jeyaraj
DEAN (AA)
20/07/18

A. Jeyaraj
REGISTRAR
20/07/18
(i/c)

ANNEXURE III: IQAC FORMATION CIRCULAR



PROC. NO. 160 : C1: 2019 DATED 25.01.2019

Sub: Re-Constitution of Internal Quality Assurance Cell – Reg.

Ref: Approval from Vice Chancellor dated 23.01.2019

The Internal Quality Assurance Cell is reconstituted with the following members. The duration of member status is for a period of three years from the date of appointment.

1	Prof. Sahol Hamid Bin Bakar, Vice Chancellor	Chairman
2	Mr. Abdul Qadir A. Rahman Buhari, Pro Chancellor	Member
3	Dr. A. Azad, Registrar	Member
4	Ms. Nikath M. Hamza, Director, HR / FTA/ PR	Member
5	Dr. M.S. Haji Sheik Mohammed, Dean, Acad. Affairs	Coordinator
6	Dr. R. Raja Prabu, Director, ARIA	Member
7	Dr. I Raja Mohamed, Dean, Research	Member
8	Major General Gurdeep Narang, Dean, Student Affairs	Member
9	Dr. M. Munir Ahamed Rabbani, COE	Member
10	Dr. S. Syed Mohamed Abdul Majeed, Director, Admissions	Member
11	Dr. N. Raja Hussain, Deputy Registrar (Admin)	Member
12	Mr. Shah Abdul Khader, Finance officer	Member
13	Mr. C.N. Suresh Babu, Student Coordinator	Member
14	Mr. V.N.A. Jalal, Sr. General Manager	Member
15	Dr. Vasanthi Padmanabhan, Dean SI	Member
16	Dr. A. Jaya, Dean (i/c), SCIMS & HOD, CA	Member
17	Dr. S. Kaja Mohideen, Dean. SECS	Member

18	Dr. S. Rasool Mohideen, Dean, SMS	Member
19	Dr. S. Kutti Rani, Dean SPCS	Member
20	Dr. K. Nilamudeen, Dean, CSL	Member
21	Dr. M. Vijaya Vara Prasad, Dean, CSP	Member
22	Dr. K. Srinivasan, Dean, Management Studies	Member
23	Dr. Ayub Khan Dawood, Dean SSSH	Member
24	Dr. S. Hemalatha, Dean, SLS	Member
25	Ar. G. Jayalakshmi, Dean, CSA	Member
26	Dr. P.S. Syed Masood Jamali, Dean. SAIS	Member
27	Mr. Seshadrinathan, President, Alumni Association	Member
28	Mr. PMJF Lion R. Tamil Selvan, Zone Chairman, Lions District	Member
29	Mr. Kevin Kumar, Director, EPMCR	Member
30	Dr. K. Vipinendran, Parent	Member
31	Ms. V. Niveditha, III year student, B.Tech. Biotechnology	Member

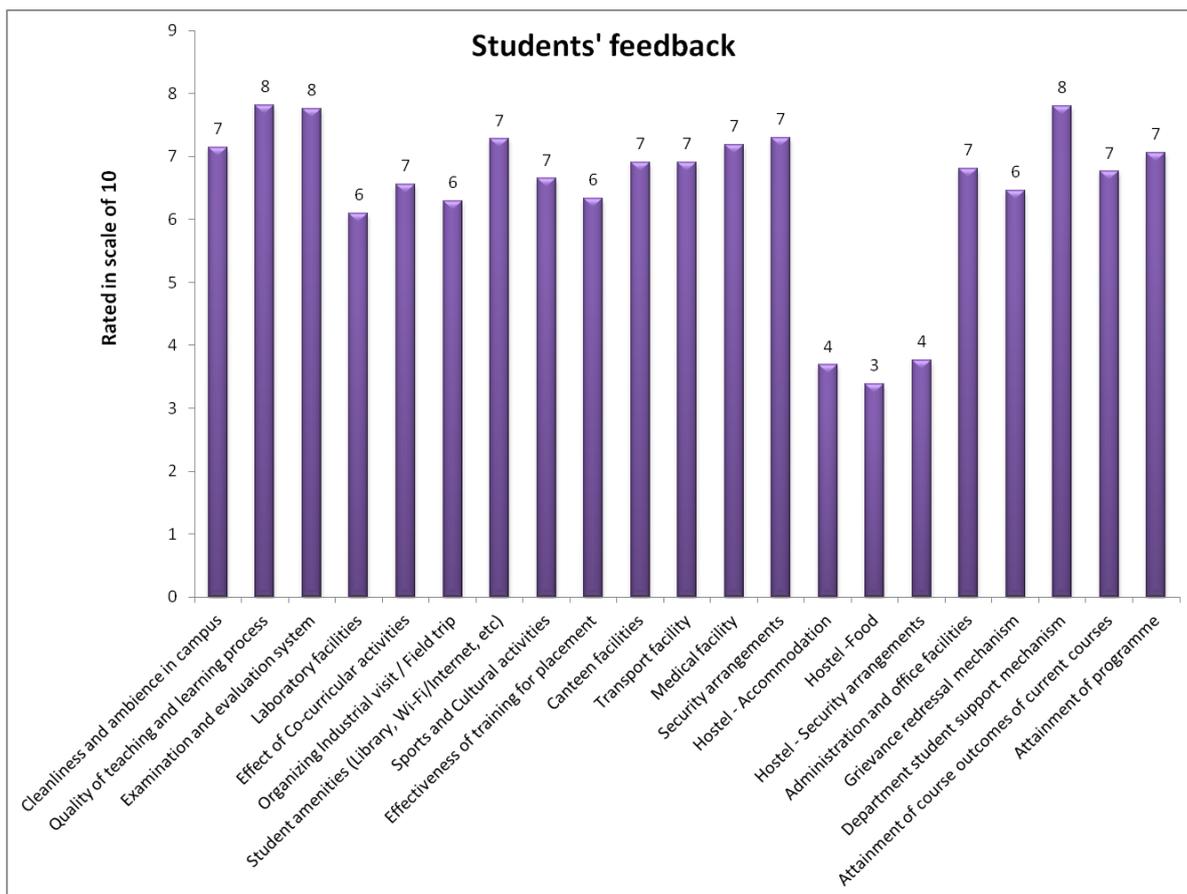
To
 The above members
 Copy to all HODs, Deans and Directors
 Copy B1 – Section
 Copy submitted to Vice Chancellor


REGISTRAR
 25.1.19 
 2511

ANNEXURE IV : STUDENTS SATISFACTION SURVEY ON OVERALL INSTITUTIONAL PERFORMANCE

I. Report on the online feedback analysis : Academic Year 2018 – 19 Annexure IV(A): Feedback Analysis Report

Respondents – 108	Excellent		V. Good		Good		Satisfactory		Not satisfactory		Total marks	Wt. Avg. (10 point Scale)
	10 Marks		8 Marks		6 marks		4 marks		2Marks			
Cleanliness and ambience in campus	32	320	27	216	37	222	3	12	1	2	772	7
Quality of teaching and learning process	27	270	49	392	29	174	2	8	0	0	844	8
Examination and evaluation system	26	260	40	320	39	234	5	20	2	4	838	8
Laboratory facilities	21	210	25	200	35	210	8	32	3	6	658	6
Effect of Co-curricular activities	25	250	28	224	30	180	11	44	5	10	708	7
Organizing Industrial visit / Field trip	23	230	26	208	22	132	20	80	15	30	680	6
Student amenities (Library, Wi-Fi/Internet, etc)	39	390	18	144	30	180	16	64	4	8	786	7
Sports and Cultural activities	23	230	29	232	28	168	19	76	6	12	718	7
Effectiveness of training for placement	16	160	28	224	37	222	16	64	7	14	684	6
Canteen facilities	29	290	21	168	35	210	17	68	5	10	746	7
Transport facility	31	310	24	192	28	168	17	68	4	8	746	7
Medical facility	31	310	27	216	33	198	12	48	2	4	776	7
Security arrangements	29	290	31	248	33	198	13	52	0	0	788	7
Hostel - Accommodation	12	120	17	136	17	102	6	24	8	16	398	4
Hostel –Food	14	140	12	96	12	72	7	28	15	30	366	3
Hostel - Security arrangements	12	120	15	120	20	120	11	44	1	2	406	4
Administration and office facilities	22	220	31	248	35	210	14	56	1	2	736	7
Grievance redressal mechanism	18	180	30	240	38	228	11	44	3	6	698	6
Department student support mechanism	42	420	31	248	27	162	3	12	0	0	842	8
Attainment of course outcomes of current courses	18	180	41	328	28	168	13	52	1	2	730	7
Attainment of programme	24	240	33	264	35	210	12	48	0	0	762	7



Graph data	
Cleanliness and ambience in campus	7
Quality of teaching and learning process	8
Examination and evaluation system	8
Laboratory facilities	6
Effect of Co-curricular activities	7
Organizing Industrial visit / Field trip	6
Student amenities (Library, Wi-Fi/Internet, etc)	7
Sports and Cultural activities	7
Effectiveness of training for placement	6
Canteen facilities	7
Transport facility	7
Medical facility	7
Security arrangements	7
Hostel - Accommodation	4
Hostel -Food	3
Hostel - Security arrangements	4
Administration and office facilities	7
Grievance redressal mechanism	6
Department student support mechanism	8
Attainment of course outcomes of current courses	7
Attainment of programme	7

Comments / Suggestions	
Appreciative & Suggestive	In my opinion, in the islamic studies programme, the courses are good. And I would like to suggest to add new course like questions and answers about Islam from a to z and separate period for Bayan trainings
Suggestive	Learning process should be in more practical oriented. Direct interaction is also necessary.
Suggestive	It would be nice if there would be few more courses added
Suggestive	I feel that placement opportunities should be given for the master candidate's also.
Appreciative & Suggestive	Good training for new courses
Appreciative	Everything in this college is so cool and nice
Suggestive	Can improve the leniency in evaluation of exam papers
Neutral	Introduction of CCNA and Entrepreneurship courses
Neutral	No opinions on behalf of me.
Appreciative	Nothing, All is good
Suggestive	Practical orientated courses needed
Appreciative	Nothing, All is good
Suggestive	We need more workshops, extra-curricular activities in our program.
Suggestive	All the courses are good..give more practical session then theoretical session.
Suggestive	More subject should be added in arabic like different types of hadhees book and thafseer bailavi should be added into the course in the programme
Appreciative & Suggestive	Current curriculum is good. If journalism is introduced it will be good
Appreciative	Overall good Machine language can be introduced
Suggestive	Nothing else, improve the same curriculum with more practical aspects and train student based on the industrial application of the course. Motivate the student to do more project and develop the programming skills in advance. Lab facilities and equipment can be further enhanced.
Suggestive	We need further improved canteen, library and wifi/internet facilities.

Annexure IV(B) : Sample student feedback forms



Students Feedback

Name of the Student*

RRN*

Department / School*

Year*

Email ID*

Programme*

Section*

Cleanliness and ambience in campus <input type="text" value="Excellent"/>	Quality of teaching & learning process <input type="text" value="Excellent"/>
Examination & evaluation system <input type="text" value="Very Good"/>	Laboratory facilities <input type="text" value="Good"/>
Effect of Co-curricular activities (Guest lecturers / Value added programme / Workshop / Conferences etc.) <input type="text" value="Good"/>	
Organizing Industrial visit/Field trip <input type="text" value="Good"/>	Student amenities(Library, Wi-Fi / Internet, etc) <input type="text" value="Not Satisfactory"/>
Sports & Cultural activities <input type="text" value="Not Satisfactory"/>	Effectiveness of training for placement <input type="text" value="Not Satisfactory"/>
Canteen facilities <input type="text" value="Good"/>	Transport facility <input type="text" value="Not Satisfactory"/>
Medical facility <input type="text" value="Not Satisfactory"/>	Security arrangements <input type="text" value="Good"/>

Hostel (Applicable only for Hostellers)

(a) Accommodation

(b) Food

(c) Security arrangements

Administration & office facilities

Grievance redressal mechanism

Department student support mechanism (Class advisor/Faculty advisor/ HOD/ Dean of School)

Attainment of course outcomes of current courses

Attainment of programme outcomes so far

Your opinion about Curriculum (courses in the programme) and suggestions for new courses to be introduced

Any other suggestions

P 6 S Q

Submit

Students Feedback

Name of the Student*

RRN*

Department / School*

Year*

Email ID*

Programme*

Section*

Cleanliness and ambience in campus <input type="text" value="Very Good"/>	Quality of teaching & learning process <input type="text" value="Very Good"/>
Examination & evaluation system <input type="text" value="Very Good"/>	Laboratory facilities <input type="text" value="Satisfactory"/>
Effect of Co-curricular activities (Guest lecturers / Value added programme / Workshop / Conferences etc.) <input type="text" value="Good"/>	
Organizing Industrial visit/Field trip <input type="text" value="Good"/>	Student amenities(Library, Wi-Fi / Internet, etc) <input type="text" value="Satisfactory"/>
Sports & Cultural activities <input type="text" value="Very Good"/>	Effectiveness of training for placement <input type="text" value="Satisfactory"/>
Canteen facilities <input type="text" value="Good"/>	Transport facility <input type="text" value="Good"/>
Medical facility <input type="text" value="Excellent"/>	Security arrangements <input type="text" value="Good"/>

Hostel (Applicable only for Hostellers)

(a) Accommodation <input type="text" value="Select"/>	(b) Food <input type="text" value="Select"/>
(c) Security arrangements <input type="text" value="Select"/>	

Administration & office facilities <input type="text" value="Very Good"/>	Grievance redressal mechanism <input type="text" value="Good"/>
Department student support mechanism (Class advisor/Faculty advisor/ HOD/ Dean of School) <input type="text" value="Excellent"/>	
Attainment of course outcomes of current courses <input type="text" value="Very Good"/>	Attainment of programme outcomes so far <input type="text" value="Good"/>

Your opinion about Curriculum (courses in the programme) and suggestions for new courses to be introduced

Nothing else, improve the same curriculum with more practical aspects and train student based on the industrial application of the course.. Motivate the student to do more project and develop the programming skills in advance. Kindly pls improve

Any other suggestions

9 Y U P

Submit

II. Report on the Exit feedback analysis : Academic Year 2018 - 19

Exit survey was taken from the passed out students in the academic year 2018-19 on the following parameters.

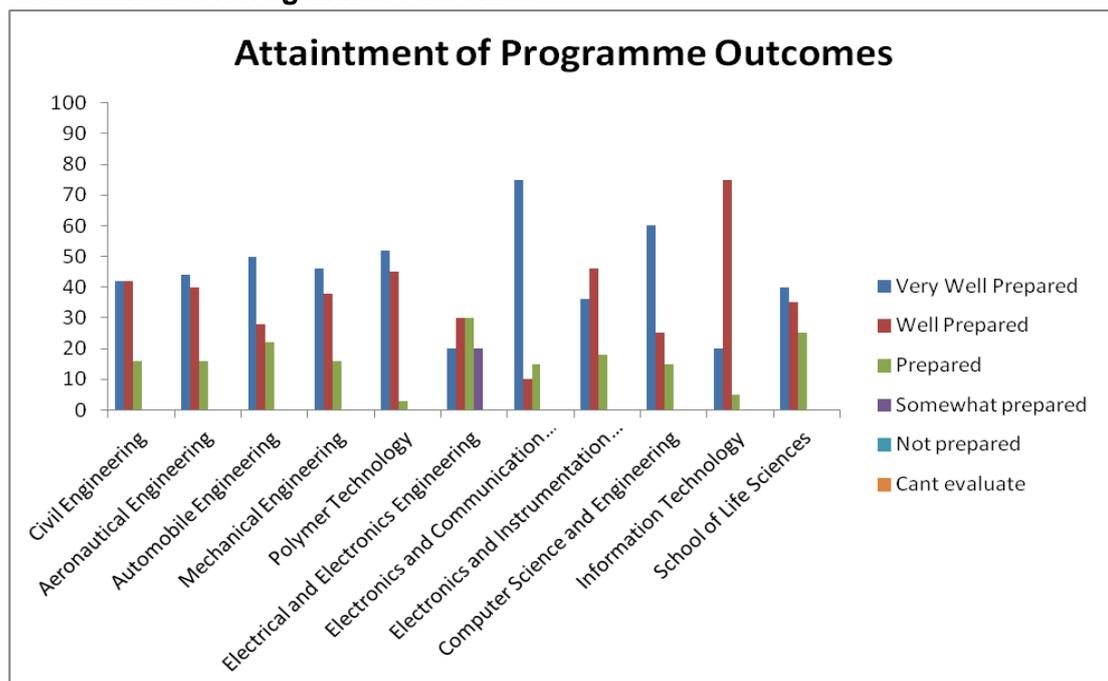
1. Assessment of abilities, skills and attributes acquired at B.S. Abdur Rahman Crescent Institute of Science and Technology.
2. Assessment of the Learning Environment at B.S. Abdur Rahman Crescent Institute of Science and Technology
3. Assessment of Support Services
4. Assessment of curriculum offered, schedules and question paper standards
5. General Assessment

From the above parameters, the following parameters were critically analysed and reported:

- ❖ Attainment of Programme Outcomes
- ❖ Usage of Innovative Teaching Methodologies
- ❖ Flexibility of Curriculum
- ❖ Encourages Self Study
- ❖ Provide Enough Skills on design and problem solving techniques
- ❖ Coverage of cutting edge technology topics in order to face the future
- ❖ Computer & Internet Facilities
- ❖ Library Facilities
- ❖ Canteen Facilities
- ❖ Sports Infrastructure
- ❖ Hostel Facilities

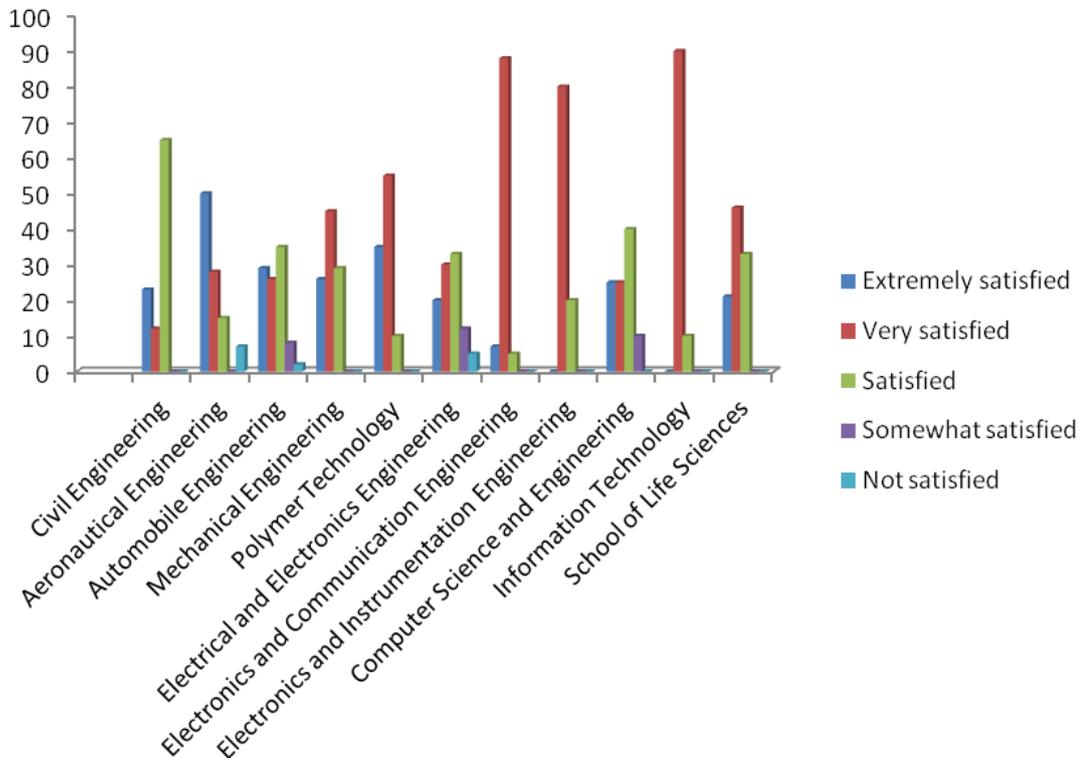
Total of No. of Respondents: 789

❖ Attainment of Programme Outcomes

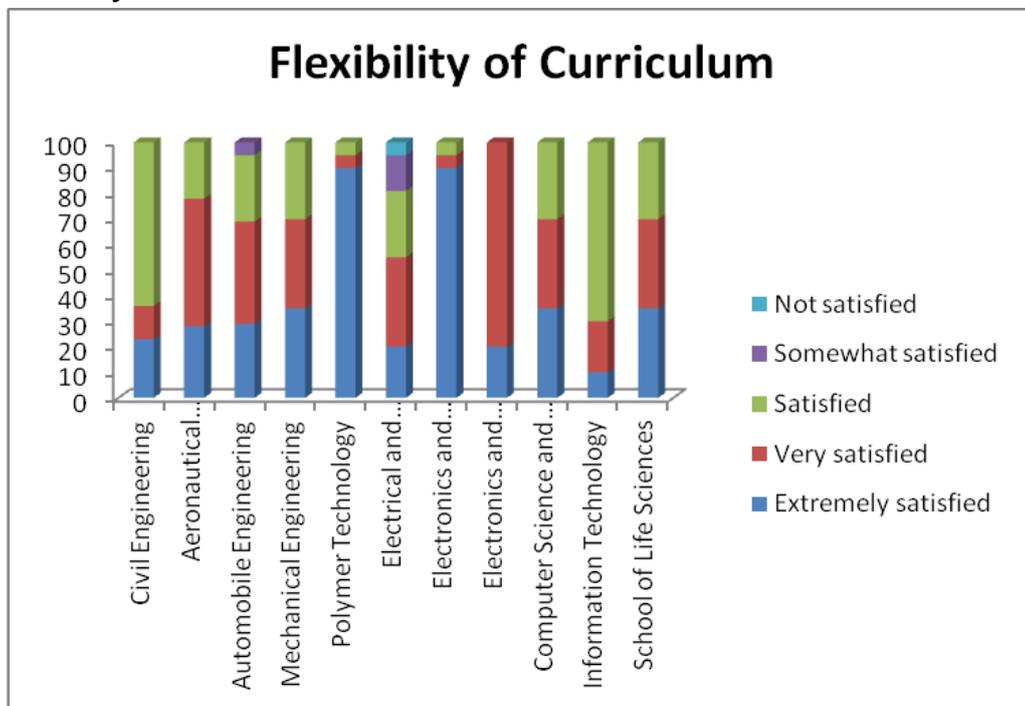


❖ Usage of Innovative Teaching Methodologies

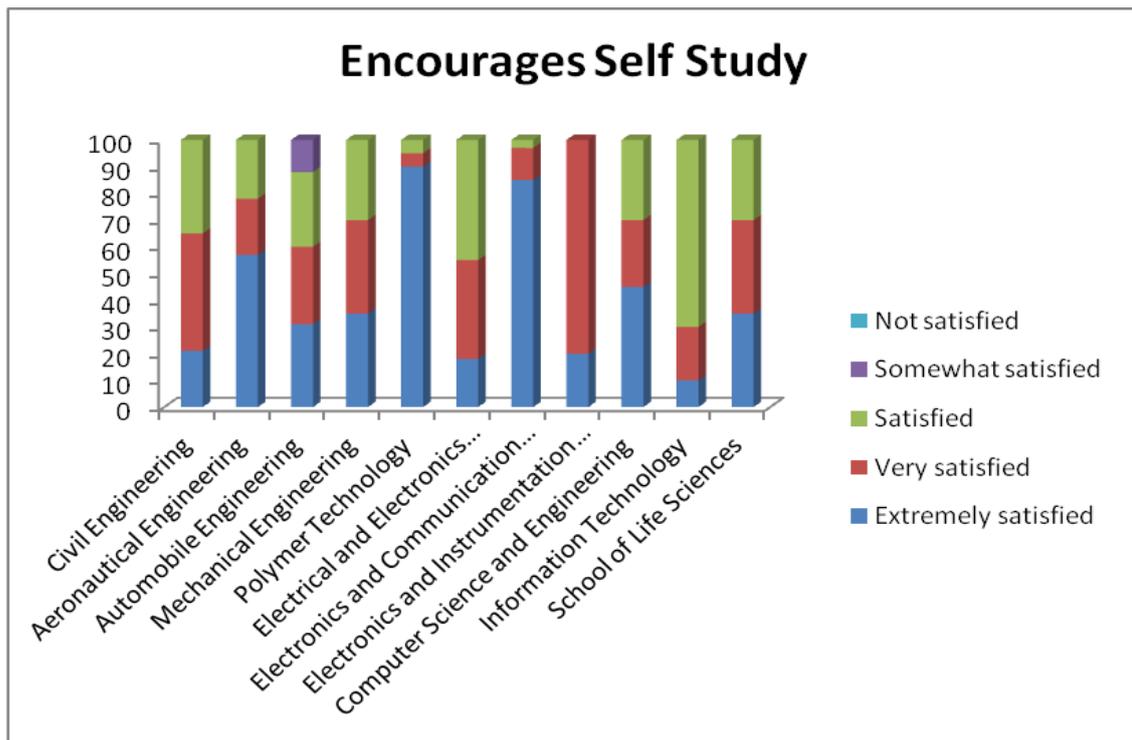
Innovative Teaching Methodologies



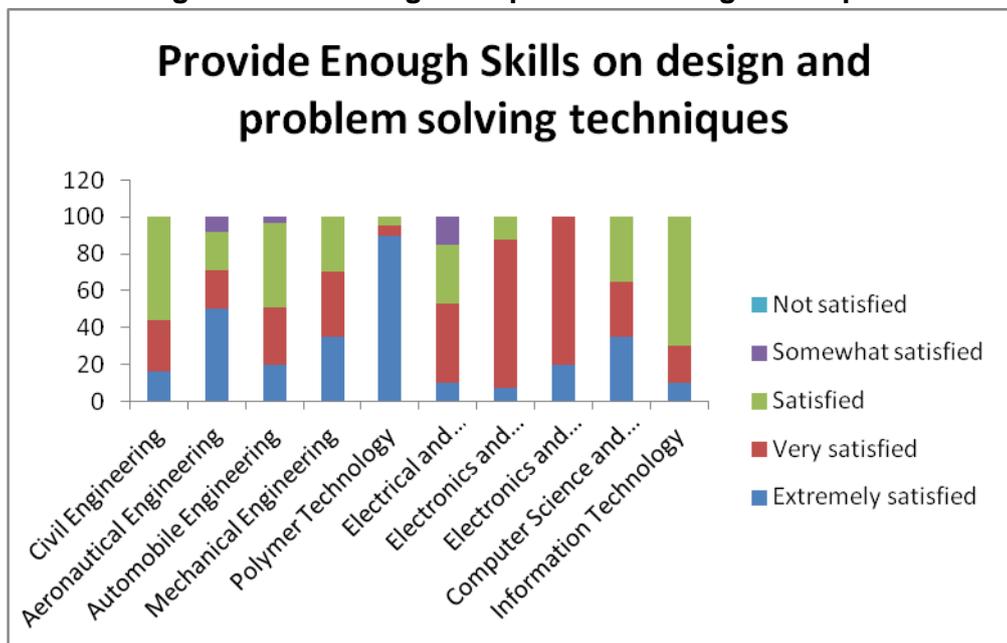
❖ Flexibility of Curriculum



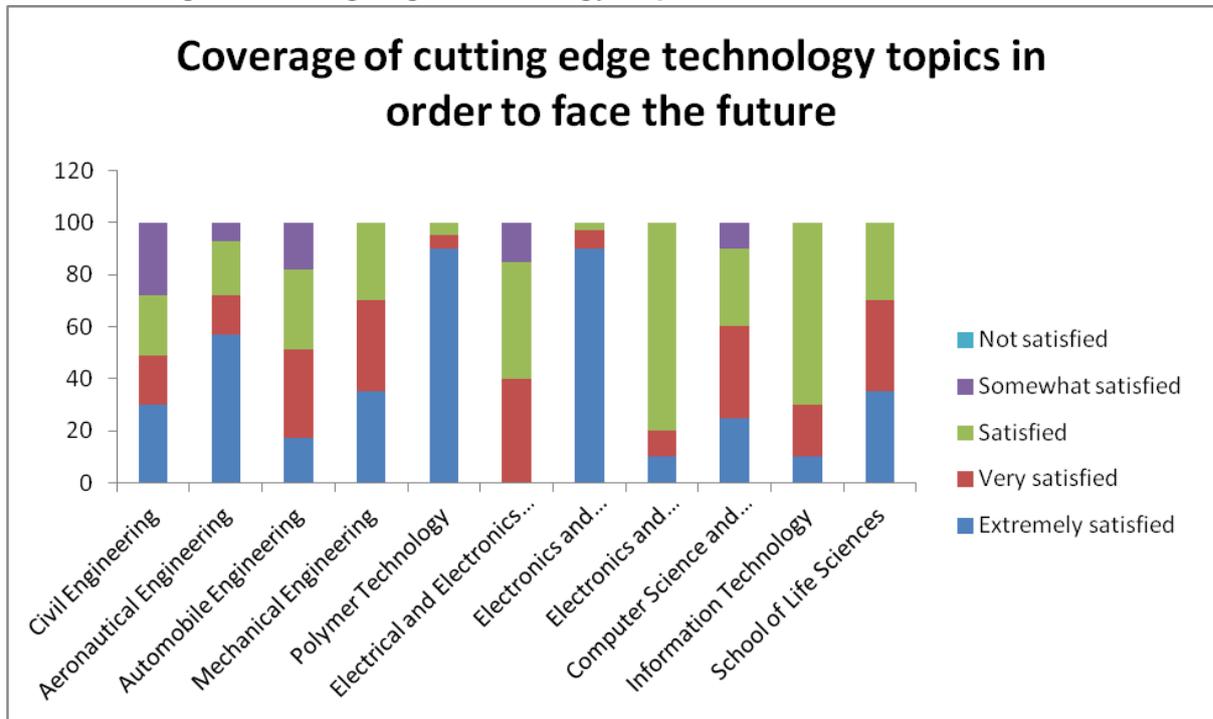
❖ Encourages Self Study



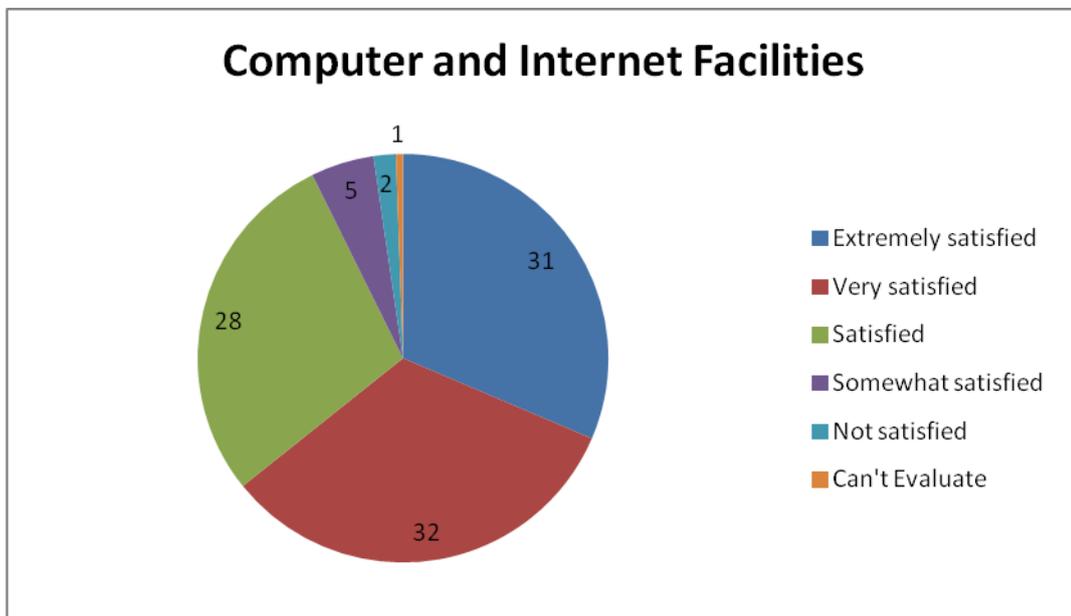
❖ **Provide Enough Skills on design and problem solving techniques**



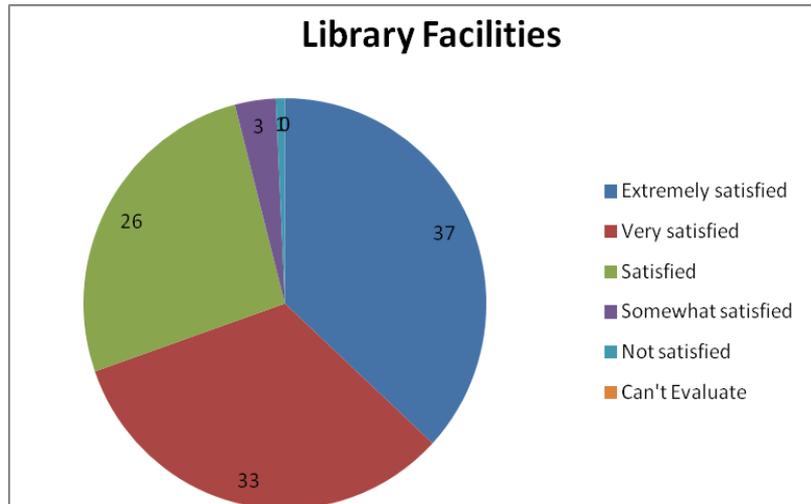
❖ **Coverage of Cutting edge Technology topics in order to face future**



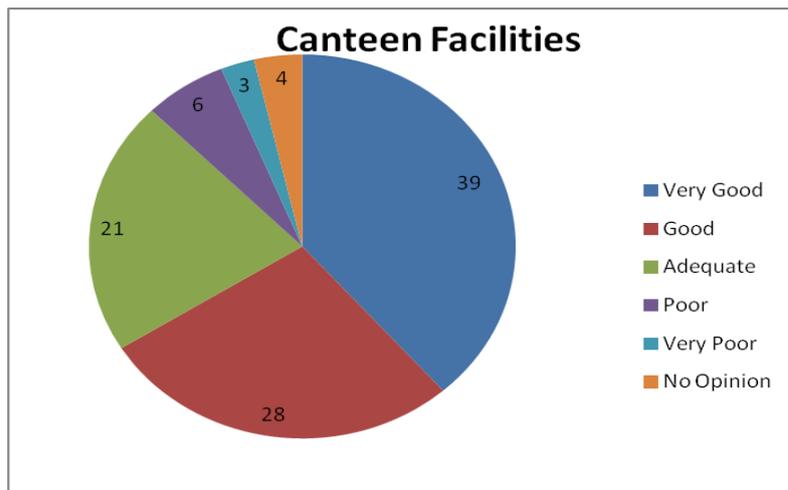
❖ **Computer and Internet Facilities**



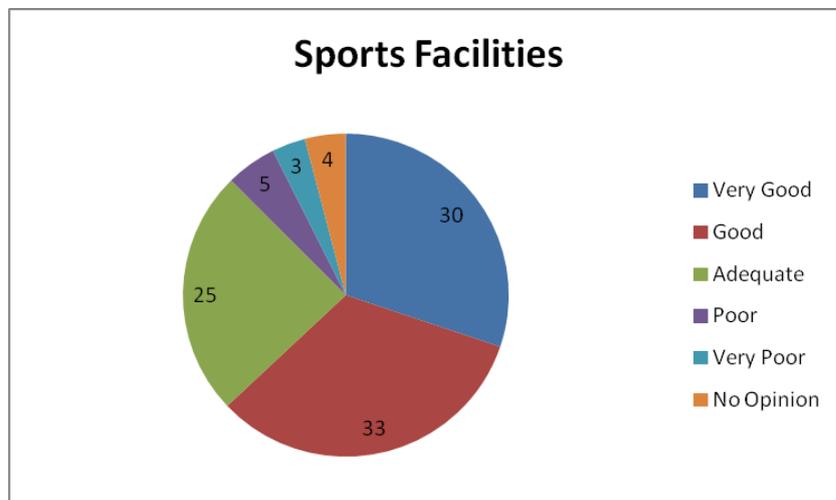
❖ **Library Facilities**



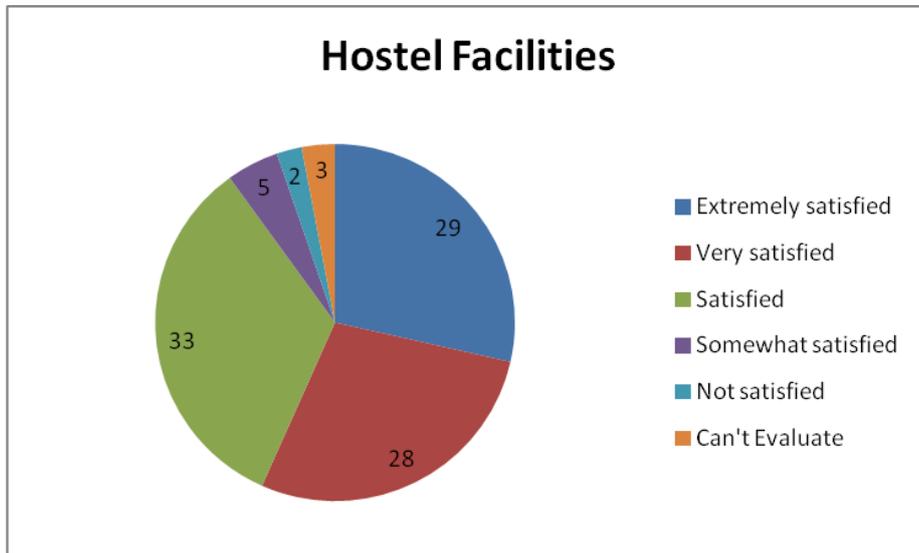
❖ **Canteen Facilities**



❖ **Sports Facilities**



❖ **Hostel Facilities**



Suggestions on Curriculum & Syllabi:

Department of Information Technology

Deletion of Courses:

System software, Computer Architecture, Electronic Commerce, XML and Adhoc Networks

Addition of Courses:

Java Script , Machine Learning, Artificial Intelligenec, and Big Data Analytics

Department of Electronics and Communication Engineering:

Deletion of Courses:

Economics, Sociology, Biology, Environmental Sciences, aqnd Management paper

Addition of Courses:

Python, Robotics, Control Systems and Embedded Software tools,

Skills to be imparted

Java, Life skills and financial Management, Anechoic chamber visit

Department of Computer Science and Engineering:

Deletion of Courses:

Syllabus of Data Mining ware housing should be reduced, Reframe the biology for Engineers syllabus

Addition of Courses:

Python course to be added

One credit courses based on Industrial needs to imparted.

Department of Civil Engineering:

Deletion of Courses:

Law for Engineers, Biology for Engineers

Department of Electronics and Instrumentation Engineering:

Deletion of Courses:

Economics, Sociology, Biology, Law for Engineers

Addition of Courses:

Machine Learning, IoT for Automation, Piping & Instrumentation

Skills to be Imparted

Python and dot net

Department of Electrical and Electronics Engineering:

Deletion of Courses:

Environmental Science, EMT, Biology and Comprehension

Addition of Courses:

Aptitude Development courses, Sales and Marketing, Power System Software ,
Advanced Control System

Skills to be Imparted

Public Speaking and Leadership skills

Department of Aeronautical Engineering:

Deletion of Courses:

Environmental Science, Fatigue and Fracture, Fundamentals of Computing

Addition of Courses:

Object Oriented Programming, Control System, Matlab Programming

Department of Polymer Engineering:

Deletion of Courses:

Biology for Engineers , Engineering Graphics, Law for Engineers

Addition of Courses:

Plastic Compounding, Rubber Compounding, Industrial Safety

Annexure IV (C) : Sample exit feedback form

1



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

Exit Survey from Outgoing Students (April - 2019)

Branch/Program: M.Tech. (PSE) power system Engineering.

Name: M.S. AHAMED RIZWAN Gender: M / F

Year of Graduation: 2019 CGPA: _____

Future plans (check all that apply)

I intend to work in software industry.

I intend to work in core engineering industry.

I intend to go for higher studies.

I intend to start my own business.

I intend to do other things (please specify): _____

Please fill in the tables concerning the skills, abilities and attributes that you have acquired while studying at B.S. Abdur Rahman Crescent Institute of Science and Technology.

1. Assessment of abilities, skills and attributes acquired at B.S.A Crescent Institute of Science and Technology.

Please rate each of the following skills, abilities or attributes in terms of how well your education at B.S.A Crescent Institute of Science and Technology has prepared you.

Very well prepared - 5, Well prepared - 4, Prepared - 3, Somewhat prepared - 2, Not prepared - 1, Can't evaluate - 0

1. Apply knowledge of Mathematics, Physics and Engineering.	0 1 2 3 4 5
2. Design and conduct experiments, as well as to analyze and interpret data.	0 1 2 3 4 5
3. Design a system, component, or process to meet desired needs.	0 1 2 3 4 5
4. Function effectively in teams.	0 1 2 3 4 5
5. Identify, formulate, and solve engineering problems.	0 1 2 3 4 5
6. Understand professional and ethical responsibilities. (e.g. safety, professional ethics, code of conduct).	0 1 2 3 4 5
7. Communicate effectively (written reports).	0 1 2 3 4 5
8. Communicate effectively (oral presentations).	0 1 2 3 4 5
9. Understand and appreciate the impact of engineering in the societal and global contexts.	0 1 2 3 4 5
10. Be aware of the need for improving my ability to engage in life-long learning (seeking further education, self learning, membership in professional societies).	0 1 2 3 4 5
11. Be aware of contemporary issues (e.g. economics of engineering, environmental issues, etc...)	0 1 2 3 4 5

12. Ability to use computer technology in communications. 0 1 2 3 4 **5**
13. Ability to use computer technology in engineering analysis/design 0 1 2 3 **4** 5
14. Ability to use state of the art techniques and tools in engineering practice. 0 1 2 3 4 **5**

2. Assessment of the Learning Environment at B.S.A Crescent Institute of Science and Technology

Please indicate your satisfaction with each of the following aspects of your experience at BSA Crescent Institute of Science and Technology:

Extremely satisfied - 5, *Very satisfied* - 4, *Satisfied* - 3,
Somewhat satisfied - 2, *Not satisfied* - 1, *Can't evaluate* - 0

A. Quality of instruction and support for learning provided by the faculty members in:

- Sciences (Mathematics, Physics, Chemistry) 0 1 2 3 4 **5**
- Computers (Programming and usage of software packages) 0 1 2 3 4 **5**
- Language (English) 0 1 2 3 4 **5**
- General Engineering, 0 1 2 3 **4** 5
- Management 0 1 2 3 4 **5**
- Economics 0 1 2 3 **4** 5
- Soft skills 0 1 2 3 4 **5**

B. Quality of instruction and support for learning given by technicians.

0 1 2 3 4 **5**

C. Quality of advice by the staff with respect to:

- Academic planning 0 1 2 3 4 **5**
- Career planning 0 1 2 3 4 **5**
- Personal counseling 0 1 2 3 4 **5**

D. Equity of treatment by:

- Academic administrators 0 1 2 3 4 **5**
- Faculty 0 1 2 3 4 **5**
- Technicians 0 1 2 3 4 **5**
- Fellow students 0 1 2 3 4 **5**

E. Quality of the facilities:

- Classrooms 0 1 2 3 4 **5**
- Science laboratories 0 1 2 3 4 **5**
- Engineering Laboratories 0 1 2 3 4 **5**
- Computing facilities 0 1 2 3 4 **5**
- Libraries 0 1 2 3 4 **5**
- Internet facility 0 1 2 3 4 **5**

3. Assessment of Support Services

Very good - 5, *Good* - 4, *Adequate* - 3,
Poor - 2, *Very poor* - 1, *No opinion* - 0

A. Academic Services:

- Admissions office 0 1 2 3 4 **5**
- Registrar office 0 1 2 3 4 **5**
- Controller of Examinations office 0 1 2 3 4 **5**
- Placement & Training office 0 1 2 3 4 **5**
- Class advisor 0 1 2 3 4 **5**

B. Administrative Offices:

Administrative Office in your department 0 1 2 3 4 **5**

Administrative office in the Crescent Institute of Science and Technology 0 1 2 3 4 **5**

C. Other Services:

Medical facility	0 1 2 3 4 5	Canteen	0 1 2 3 4 5
Hostel	0 1 2 3 4 5	Sports and games	0 1 2 3 4 5
Transport	0 1 2 3 4 5	Extra-curricular activities	0 1 2 3 4 5
Information dissemination	0 1 2 3 4 5	Others (specify) _____	

4. Assessment of curriculum offered, schedules and question paper standards

Please indicate your satisfaction with each of the following aspects of your experience at B S A Crescent Institute of Science and Technology:

Extremely satisfied - 5, Somewhat satisfied - 2, *Very satisfied - 4, Satisfied with modification - 1,* *Satisfied - 3, Not satisfied - 0*

A. Curriculum:

- Flexibility of the curriculum 0 1 2 3 4 **5**
- Provides enough skills on design and problem solving techniques 0 1 2 3 4 **5**
- Encourages self study 0 1 2 3 4 **5**
- Coverage of cutting edge technology topics in order to face the future 0 1 2 3 4 **5**
- Coverage of advanced topics to take up career in research 0 1 2 3 4 **5**
- Promotes intellectual growth 0 1 2 3 4 **5**
- Enhances our employability 0 1 2 3 4 **5**
- Availability of books in library to support curriculum 0 1 2 3 4 **5**

B. Internal Assessment Schedules & Question paper

- Promotes analytical thinking 0 1 2 3 4 **5**
- Question papers in terms of thought provoking and bringing out the intellectual capability of students 0 1 2 3 4 **5**
- Adequacy of time to cope with assessment schedules 0 1 2 3 4 **5**
- Quality of Evaluation of Assessments 0 1 2 3 4 **5**
- Flexibility of Enrollment and withdrawal of coursework 0 1 2 3 4 **5**

C. Teaching Methodology

- Adoption of innovative teaching methodologies 0 1 2 3 4 **5**
- Coverage of the topics 0 1 2 3 4 **5**
- Basic concepts taught 0 1 2 3 4 **5**
- Encouragement for group discussions, seminars and interactive discussions 0 1 2 3 4 **5**

D. To what extent do you feel that your learning objectives have been achieved?

- a) To the Maximum b) Medium c) Not at all

E. Can you suggest any course that can be removed from the curriculum of your branch?

(Please specify the course name)

_____ Electrical Machines. _____

Give reasons for removal _____

F. Can you suggest any course/program that should be included in the curriculum of your branch?

(Please specify the course name)

_____ _____

Give reasons for removal _____

5. General Assessment

Please answer the following questions:

A. Please list some very important skills that you think you learnt in the Engineering/Science program.

_____ Matlab software. PSIM. PSPICE. _____

B. Please list some very important or useful skills that you did not get the chance (or are not available) to learn while taking Engineering / Science courses at B.S.A Crescent Institute of Science and Technology.

_____ _____

C. Please write down any comments or suggestions that you think will improve the Engineering/Science programs at B.S.A Crescent Institute of Science and Technology (use additional sheets if necessary).

_____ _____

D. Please give the overall strengths and weaknesses of the Institute/Department.

_____ SUPER. atmosphere. _____

E. Do you recommend B.S. Abdur Rahman Crescent Institute of Science and Technology for future aspirants and why?

_____ Yes. _____

_____ It gives good practical knowledge. _____

Annexure IV(D) : Sample exit feedback analysis report from Department

**Department of Civil Engineering
 Exit Survey from Outgoing Students (May/June - 2019)**

The exit survey from the final year Civil Engineering Students is consolidated and given below

**Class : IV Year Civil Engineering
 strength :142**

Total

1. Apply knowledge of Mathematics, Physics and Engineering.

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	0	0
Somewhat prepared	0	0
Prepared	59	41%
Well prepared	41	29%
Very well prepared	42	30%

2. Design and conduct experiments, as well as to analyze and interpret data.

Response of students	In Numbers	In Percentage
Can't evaluate	6	4%
Not prepared	0	0
Somewhat prepared	12	8%
Prepared	33	24%
Well prepared	54	38%
Very well prepared	37	26%

3. Design a system, component, or process to meet desired needs.

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	0	0
Somewhat prepared	21	15%
Prepared	39	27%
Well prepared	60	42%
Very well prepared	22	16%

4. Function effectively in teams.

Response of students	In Numbers	In Percentage
Can't evaluate	3	2%
Not prepared	0	0

Somewhat prepared	50	35%
Prepared	29	20%
Well prepared	37	26%
Very well prepared	23	16%

5. Identify, formulate, and solve engineering problems.

Response of students	In Numbers	In Percentage
Can't evaluate	12	8%
Not prepared	0	0
Somewhat prepared	48	34%
Prepared	14	10%
Well prepared	29	20%
Very well prepared	39	27%

6. Understand professional and ethical responsibilities.

(e.g. safety, professional ethics, code of conduct).

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	0	0
Somewhat prepared	0	0
Prepared	39	27%
Well prepared	80	56%
Very well prepared	23	16%

7. Communicate effectively (written reports).

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	0	0
Somewhat prepared	0	0
Prepared	14	10%
Well prepared	50	35%
Very well prepared	78	55%

8. Communicate effectively (oral presentations).

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	0	0
Somewhat prepared	0	0
Prepared	92	65%
Well prepared	18	13%
Very well prepared	32	23%

9. Understand and appreciate the impact of engineering in the societal and global contexts.

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	0	0

Somewhat prepared	0	0
Prepared	59	41%
Well prepared	41	29%
Very well prepared	42	30%

10. Be aware of the need for improving my ability to engage in life-long learning
(seeking further education, self learning, membership in professional societies).

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	0	0
Somewhat prepared	0	0
Prepared	59	41%
Well prepared	41	29%
Very well prepared	42	30%

11. Be aware of contemporary issues *(e.g. economics of Engg, environmental issues)*

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	0	0
Somewhat prepared	0	0
Prepared	59	41%
Well prepared	31	22%
Very well prepared	52	37%

12. Ability to use computer technology in communications.

Response of students	In Numbers	In Percentage
Can't evaluate	23	16%
Not prepared	0	0
Somewhat prepared	14	10%
Prepared	39	28%
Well prepared	40	28%
Very well prepared	26	18%

13. Ability to use computer technology in engineering analysis/design

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not prepared	20	14%
Somewhat prepared	0	0
Prepared	79	56%
Well prepared	21	16%
Very well prepared	22	16%

14. Ability to use state of the art techniques and tools in engineering practice.

Response of students	In Numbers	In Percentage
Can't evaluate	6	4%
Not prepared	0	0
Somewhat prepared	12	8%
Prepared	33	24%
Well prepared	54	38%
Very well prepared	37	26%

2. Assessment of the Learning Environment at B.S.A Institute

A. Quality of instruction and support for learning provided by the faculty members in:

- Sciences (*Mathematics, Physics, Chemistry*)

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	0	0
satisfied	93	66%
Very satisfied	29	20%
Extremely satisfied	20	14%

- Computers (Programming and usage of software packages)

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	0	0
satisfied	84	59%
Very satisfied	8	6%
Extremely satisfied	50	35%

- Language (English)

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	40	28%
satisfied	32	23%
Very satisfied	27	19%
Extremely satisfied	43	30%

- General Engineering,

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	43	30%
satisfied	27	19%
Very satisfied	63	44%
Extremely satisfied	9	6%

- Management

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	0	0
satisfied	39	27%
Very satisfied	63	44%
Extremely satisfied	40	28%

- Economics

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	53	37%
satisfied	49	35%
Very satisfied	20	14%
Extremely satisfied	20	14%

- Soft skills

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	0	0
satisfied	49	35%
Very satisfied	63	44%
Extremely satisfied	30	21%

B. Quality of instruction and support for learning given by technicians.

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	0	0
satisfied	93	66%
Very satisfied	29	20%
Extremely satisfied	20	14%

C. Quality of advice by the staff with respect to:

- Academic planning

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	43	30%

satisfied	27	19%
Very satisfied	63	44%
Extremely satisfied	9	6%

- Career planning

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	40	28%
satisfied	32	23%
Very satisfied	27	19%
Extremely satisfied	43	30%

- Personal counseling

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	20	14%
Somewhat satisfied	0	0
satisfied	79	56%
Very satisfied	21	16%
Extremely satisfied	22	16%

D. Equity of treatment by:

- Academic administrators

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	40	28%
satisfied	32	23%
Very satisfied	27	19%
Extremely satisfied	43	30%

- Faculty

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	43	30%
satisfied	27	19%
Very satisfied	63	44%
Extremely satisfied	9	6%

- Technicians

Response of students	In Numbers	In Percentage
Can't evaluate	6	4%

Not satisfied	0	0
Somewhat satisfied	12	8%
satisfied	33	24%
Very satisfied	54	38%
Extremely satisfied	37	26%

- Fellow students

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	20	14%
Somewhat satisfied	0	0
Satisfied	79	56%
Very satisfied	21	16%
Extremely satisfied	22	16%

E. Quality of the facilities:

- Classrooms

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	0	0
satisfied	92	65%
Very satisfied	18	13%
Extremely satisfied	32	23%

- Science laboratories

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	40	28%
satisfied	32	23%
Very satisfied	27	19%
Extremely satisfied	43	30%

- Engineering Laboratories

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	20	14%
Somewhat satisfied	0	0
satisfied	79	56%
Very satisfied	21	16%
Extremely satisfied	22	16%

- Computing facilities

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	40	28%
satisfied	32	23%
Very satisfied	27	19%
Extremely satisfied	43	30%

- Libraries

Response of students	In Numbers	In Percentage
Can't evaluate	6	4%
Not satisfied	0	0
Somewhat satisfied	12	8%
satisfied	33	24%
Very satisfied	54	38%
Extremely satisfied	37	26%

- Internet facility

Response of students	In Numbers	In Percentage
Can't evaluate	0	0
Not satisfied	0	0
Somewhat satisfied	0	0
satisfied	92	65%
Very satisfied	18	13%
Extremely satisfied	32	23%

3. Assessment of Support Services

A. Academic Services:

Admissions office

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	20	14%
Poor	0	0
Adequate	79	56%
Good	21	16%
Very good	22	16%

Registrar office

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	0	0
Poor	40	28%
Adequate	32	23%
Good	27	19%

Very good	43	30%
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Controller of Examinations office

Response of students	In Numbers	In Percentage
No opinion	6	4%
Very poor	0	0
Poor	12	8%
Adequate	33	24%
Good	54	38%
Very good	37	26%

Placement & Training office

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	0	0
Poor	0	0
Adequate	92	65%
Good	18	13%
Very good	32	23%

Class advisor

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	20	14%
Poor	0	0
Adequate	79	56%
Good	21	16%
Very good	22	16%

B. Administrative Offices:

Administrative Office in your department

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	0	0
Poor	40	28%
Adequate	32	23%
Good	27	19%
Very good	43	30%

Administrative office in the Institute

Response of students	In Numbers	In Percentage
No opinion	6	4%
Very poor	0	0

Poor	12	8%
Adequate	33	24%
Good	54	38%
Very good	37	26%

C. Other Services:

Medical facility

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	20	14%
Poor	0	0
Adequate	79	56%
Good	21	16%
Very good	22	16%

Canteen

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	0	0
Poor	0	0
Adequate	92	65%
Good	18	13%
Very good	32	23%

Hostel

Response of students	In Numbers	In Percentage
No opinion	6	4%
Very poor	0	0
Poor	12	8%
Adequate	33	24%
Good	54	38%
Very good	37	26%

Sports and games

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	20	14%
Poor	0	0
Adequate	79	56%
Good	21	16%
Very good	22	16%

Transport

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	0	0

Poor	0	0
Adequate	49	35%
Good	63	44%
Very good	30	21%

Extra-curricular activities

Response of students	In Numbers	In Percentage
No opinion	0	0
Very poor	0	0
Poor	40	28%
Adequate	32	23%
Good	27	19%
Very good	43	30%

Information dissemination

Response of students	In Numbers	In Percentage
No opinion	6	4%
Very poor	0	0
Poor	12	8%
Adequate	33	24%
Good	54	38%
Very good	37	26%

4. Assessment of curriculum offered, schedules and question paper standards

A. Curriculum:

- Flexibility of the curriculum

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	0	0
Satisfied	92	65%
Very satisfied	18	13%
Extremely satisfied	32	23%

- Provides enough skills on design and problem solving techniques

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	20	14%
Somewhat satisfied	0	0
Satisfied	79	56%
Very satisfied	21	16%
Extremely satisfied	22	16%

- Encourages self study

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	0	0
Satisfied	49	35%
Very satisfied	63	44%
Extremely satisfied	30	21%

- Coverage of cutting edge technology topics in order to face the future

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	40	28%
Satisfied	32	23%
Very satisfied	27	19%
Extremely satisfied	43	30%

- Coverage of advanced topics to take up career in research

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	0	0
Satisfied	92	65%
Very satisfied	18	13%
Extremely satisfied	32	23%

- Promotes intellectual growth

Response of students	In Numbers	In Percentage
Not satisfied	6	4%
Satisfied with modification	0	0
Somewhat satisfied	12	8%
Satisfied	33	24%
Very satisfied	54	38%
Extremely satisfied	37	26%

- Enhances our employability

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	0	0
Satisfied	49	35%
Very satisfied	63	44%
Extremely satisfied	30	21%

- Availability of books in library to support curriculum

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	20	14%
Somewhat satisfied	0	0
Satisfied	79	56%
Very satisfied	21	16%
Extremely satisfied	22	16%

B. Internal Assessment Schedules & Question paper - Promotes analytical thinking

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	40	28%
Satisfied	32	23%
Very satisfied	27	19%
Extremely satisfied	43	30%

- Question papers in terms of thought provoking and bringing out the intellectual capability of students

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	0	0
Satisfied	92	65%
Very satisfied	18	13%
Extremely satisfied	32	23%

- Adequacy of time to cope with assessment schedules

Response of students	In Numbers	In Percentage
Not satisfied	6	4%
Satisfied with modification	0	0
Somewhat satisfied	12	8%
Satisfied	33	24%
Very satisfied	54	38%
Extremely satisfied	37	26%

- Quality of Evaluation of Assessments

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	40	28%
Satisfied	32	23%
Very satisfied	27	19%

Extremely satisfied	43	30%
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- Flexibility of Enrollment and withdrawal of coursework

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	20	14%
Somewhat satisfied	0	0
Satisfied	79	56%
Very satisfied	21	16%
Extremely satisfied	22	16%

C. Teaching Methodology

- Adoption of innovative teaching methodologies

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	0	0
Satisfied	92	65%
Very satisfied	18	13%
Extremely satisfied	32	23%

- Coverage of the topics

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	0	0
Satisfied	49	35%
Very satisfied	63	44%
Extremely satisfied	30	21%

- Basic concepts taught

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	20	14%
Somewhat satisfied	0	0
Satisfied	79	56%
Very satisfied	21	16%
Extremely satisfied	22	16%

- Encouragement for group discussions, seminars and interactive discussions

Response of students	In Numbers	In Percentage
Not satisfied	0	0
Satisfied with modification	0	0
Somewhat satisfied	40	28%
Satisfied	32	23%
Very satisfied	27	19%

Extremely satisfied	43	30%
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D. To what extent do you feel that your learning objectives have been achieved?

a) To the Maximum	-	65	(46%)
b) Medium	-	77	(54%)
c) Not at all	-	0	(0%)

E. Can you suggest any course that can be removed from the curriculum of your branch?

Law for Engineers, Biology for Engineers

F. Can you suggest any course/program that should be included in the curriculum of your branch?

5. General Assessment

Please answer the following questions:

A. Please list some very important skills that you think you learnt in the Engineering/Science program.

- Application of Engineering Knowledge
- Understand the foundation requirement for various structures
- Learnt how to design concrete mix design
- Learnt the various types of cement and concrete.

B. Please list some very important or useful skills that you did not get the chance (or are not available) to learn while taking Engineering / Science courses at B.S.A Institute.

- More Industry interaction
- Practical oriented teaching learning
- More Industrial visit and in-plant training

C. Please write down any comments or suggestions that you think will improve the Engineering/Science programs at B.S.A Institute (use additional sheets if necessary).

- Need more core companies for placement
- Water facility

- Reduced fee Structure
- Improve Canteen food
- Improve the curriculum and syllabus based on industry requirements.

D. Please give the overall strengths and weaknesses of the Institute/Department.

*** Strength:**

- Very good staff
- Freedom
- Flexibility
- Good environment
- Placement
- Less partial operations
- Lab and Equipments facilities

*** Weakness:**

- More fees
- Placement can be made more
- Placement training has to be improved

E. Do you recommend B.S.Abdur Rahman Crescent Institute of science & technology for future aspirants and why?

- Yes because of the placement and infrastructure

Vasanth
31/5/2018.
DEAN
School of Infrastructure
B.S. Abdur Rahman
Crescent
Institute of Science & Technology
Vandalur, Chennai-600 048.

ANNEXURE V : Outcome of Parent Teachers Association

ANNEXURE V (A): SAMPLE MINUTES OF SLAC AND BOS

SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES

Date : 05.07.2019

MINUTES OF SCHOOL LEVEL ADVISORY COMMITTEE MEETING (SLAC)

The Fourth SLAC meeting of the School of Electrical & Communication Sciences was held on 04.07.2019 at 10.30am in the seminar hall of the EIE Department. The following SLAC members attended the meeting and gave their valuable suggestions.

Sl.No.	Name / Designation	SLAC Members (Responsibilities)
1.	Dr. S.Kaja Mohideen Dean (SECS) BSACIST	Chairman
2.	Dr. M.Kannan Professor / ECE MIT, Anna University, Chennai	External Expert (Academic)
3.	Dr. V. Gomathi, Associate Professor/EEE, Anna University, Chennai	External Expert (Academic)
4.	Mr. S.K. Mohamed Aslam, General Manager, OHM Energy Management Sys. Pvt. Ltd	External Expert (Industry)
5.	Mr. Vijay Anand, Vice President, Aricent Technology, Chennai	External Expert (Industry)
6.	Mr. Mohanakrishnan, Director, Centre for Calibration, Nagman Instruments	External Expert (Employer)
7.	Dr. P.K. Jawahar, Professor & Head/EIE	Member
8.	Dr. C. Tharini Prof. & HOD / ECE	Member
9.	Dr. Y. Mohamed Shuaib, HoD/EEE	Member

10.	Dr.D.Najumnissa Jamal, Professor/EIE	Member
11.	Dr.B.Vijayalakshmi, Professor/ ECE	Member
12.	Prof.S.Shahul Hamid, Visiting Faculty	Member
13.	Dr. G. Kannan, Associate Professor / ECE	Member
14.	Mr Hasan Babu. H, Assistant Professor (Sr. Gr.)/ECE	Member
15.	Ms Parnasree Chakraborty Assistant Professor (Sr. Gr.)/ECE	Member
16.	Mrs.M.S.Murshitha Shajahan,AP(SG)	Member
17.	Mrs.G.Anitha AP(SG)	Member
18.	Mrs.P.R.Hemavathy, AP(SG)	Member
19.	Mrs. Belwin J Brearly, AP (SG) /EEE	Member
20.	Mrs. S. Jennathu Beevi, AP (SG)/EEE	Member
21.	Mrs. V. Bharanigha, AP/EEE	Member
22.	Mr. C. Athbel Joe, AP/EEE	Member
23.	Mr. A. Paramasivam, AP/EEE	Member
24.	Ms Vannammal Revathy/ECE	Alumni
25.	Mr.B.Arun Kumar	Alumni
26.	Mr. M. Sheik Abdulla, Engineering Head, Kestrel Engineering Services	Alumni
27.	Mrs. Ananthi Kumar	Parent
28.	Mr.Ramakrishan	Parent
29.	Ms.Kasthuri Dilli	Parent
30.	Ms D.Chitra/ECE	Student
31.	Mr.R.Abhishek/EIE	Student
32.	Mr. Adith Senthil Kumar/EEE	Student

Dr.S.Kaja Mohideen, Dean (SECS) welcomed the august gathering. Then he briefed the highlights regarding the major revisions made in the curriculum 2019. They are

- Importance of curriculum revision for M.Tech courses in every three years were elaborated by the Dean(SECS)
- M.Tech (ECE, EEE and EIE) programme curriculum is included with lab integrated courses
- Internship is made mandatory
- Discussed about the affiliated faculties from industries and abroad universities are attached to the School of SECS. Their suggestion is also included in the revision of syllabus. Their expertise is utilized to improve the knowledge of the students through guest lectures, workshops and by offering one credit courses.



Dr.S.Kaja Mohideen, Dean (SECS) welcomed the members of SLAC

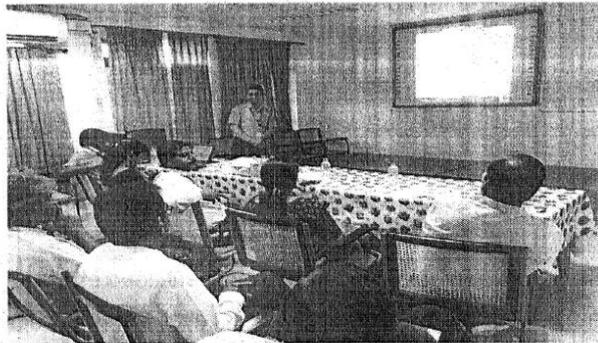
After highlighting the Electrical & Communication school level facilities, he invited Dr. Y. Mohamed Shuaib HOD/EEE to share the department facilities. Followed with Dr.C.Tharini, HoD/ ECE and Dr.P.K.Jawahar,HOD/E&I highlighted the features of curriculum and the content of the courses.

The following points were discussed in the SLAC:

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The HOD of EEE department Dr. Y.Mohammed Shuaib, welcomed all the experts, members and stakeholders of the School Level Advisory Committee and presented some of the highlights of the department of EEE. Few of the highlights shared are:

- All the programmes are NBA accredited.
- All the courses are outcome based.
- In each course, the course outcome is mapped to the programme outcomes.
- Credit is given for internship.
- Interaction with alumni is constantly maintained. Guest lectures by Alumni's are organized for the betterment of the students. Suggestions are obtained from the Alumni to improve the department and the University.
- More than 26 licensed softwares are available in the department for the students to carry out projects and research works.
- Research outputs are published in high impact factor indexed journals.
- Funded projects worth Rs. 37.5 lakhs has been completed for AICTE and DRDO.
- Many of our department alumni are currently occupying highly reputed positions in the industry.



Dr. Y. Mohammed Shuaib, HOD/ECE addressing the members

Then, HOD/EEE discussed the revised curriculum and syllabus of Regulation 2019 of M.Tech. Power System Engineering and the following suggestions were received from the expert members and different stakeholders present in the meeting:

- Dr. M. Kannan Professor / ECE MIT, Anna University Chennai (Academic Expert) suggested to run at least core or elective course involving people from power industry as faculty.
- Dr. V. Gomathi, Associate Professor/EEE, Anna University (Academic Expert) suggested to make a few of the elective courses, which need practical exposure.

as lab integrated course, after adjusting the number of credits if required. One such course she suggested to consider is the course on Smart grid. Also, she asked to consider shifting the Smart Grid course from elective to core.

- Mr. S.K. Mohamed Aslam, General Manager, OHM Energy Management System Pvt. Ltd. (External expert – Industry) felt that it would be good to include the following topics in the course Advanced Power System Protection Course: impedance relaying and distributed / centralized protection schemes.
- Mr. Vijay Anand, Vice President - Aricent Technology, Chennai (External expert – Industry) asked to include topics such as energy harvesting and storage technologies in the course 'Smart Grid' as separate module or insert them in the appropriate existing modules.
- Mr. S.K. Mohamed Aslam, General Manager, OHM Energy Management System Pvt. Ltd. (External expert – Industry) added that topics relevant to condition monitoring of smart grid using sensors and IoT also may be included in the course Smart Grid.
- Mr. S.K. Mohamed Aslam, in addition, suggested to include design of active and passive filters in the Power Quality syllabus.
- Mr. Mohanakrishnan, Director, Centre for Calibration, Nagman Instruments (External expert – Industry) suggested to include a course on Instrumentation in Electrical Engineering. For this, he asked to get help from the curriculum and syllabus of M.Tech. (Condition Monitoring, Protection & Control of Electrical Apparatus) offered by NIT, Hamirpur.

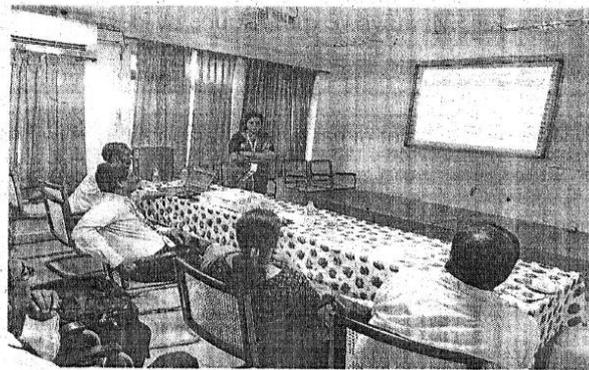
The HoD / EEE thanked all the experts and stakeholders who have given their valuable suggestions and concluded his presentation.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. C. Tharini, HOD/ECE, presented the highlights of the department are as follows;

- All the programmes are NBA accredited.
- OBTL – Outcome Based Teaching Learning is adopted.

- Credit transfer for elective course from Swayam /NPTEL is permitted
- Credit is given for internship.
- MOU signed with industries such as Jasmin Infotech, Nokia Networks, National Instruments, etc.
- Offering value added program on CLAD and Automotive Embedded systems
- Consultancy and Testing in the areas of RF communication and Embedded Systems are carried continuously
- One credit courses and special lectures were carried out by the affiliated faculties of international universities and Alumni.



Dr.C.Tharini, HOD/ECE addressing the members

Followed by, HOD/ECE presented the new curriculum and syllabus of M.Tech Regulation 2019 for M.Tech Communication Systems (COS) and M.Tech VLSI & Embedded systems.

- Well balanced OBE curriculum, with due emphasis on theory courses, laboratory courses and project work
- Industry internship is made mandatory for students
- Integrated lab courses & 24% Weightage for electives
- Interdisciplinary Electives, Credit Transfer for NPTEL courses
- Encourage the students to carry out their projects in industry
- Realization of products through practical skills

- One credit and two credit courses are introduced
- Course delivery by industry experts

After due deliberations, the suggestions made by the SLAC members towards the Curriculum and Syllabus of Regulation 2019 of M.Tech Communication Systems, M.Tech VLSI & Embedded Systems are listed below;

Dr.M.Kannan, Professor, Anna University appreciated the Medical Image Processing in professional elective as lab integrated course and recommended to verify the availability of tools required to offer the course effectively.

Mr. Vijay Anand, Vice President, (Aricent tech.) suggested to introduce new elective courses namely Interoperability, Narrow Band IoT etc. Further he suggested to include a topic LORA in the course Internet of Things.

Mr.Imadudeen, Alumni (2017-2019) batch, M.Tech CoS, currently working in WABCO, Chennai, suggested to Integrate,

- Basics of Deep learning in Digital Image Processing;
- Kalman filter in signal processing since it is most commonly used filter to track the estimated state of the system and the variance or uncertainty of the estimate.
- Linux based projects for the courses like IoT.
- Modern wireless communication technologies like ZigBee and navigation technologies in antenna and wireless communication courses.

Ms Vannammal Revathy, M.Tech, VLSI (2016-2018) student suggested to include the course on System Verilog.

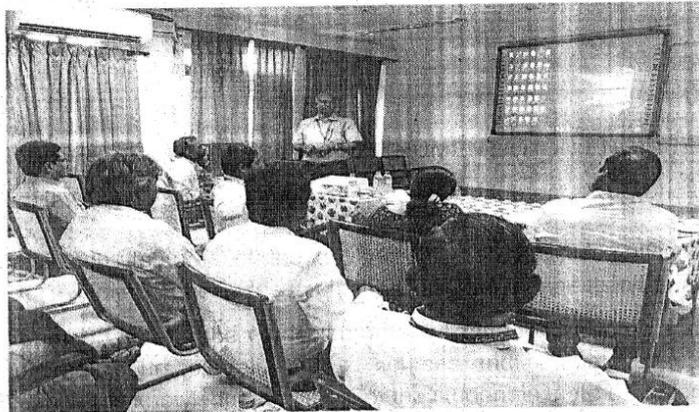
The feedback from external experts, Alumni and students were obtained. Further HoD informed that these suggestions and feedbacks will be considered in the Seventeenth BoS (ECE) meeting for further deliberations and implementations.

The HoD / ECE thanked all the experts who have given their valuable suggestions and Feedbacks and concluded her presentation.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Dr. P.K.Jawahar, Professor and Head of the Department, E&IE briefed about

- The salient features of the department, Lab facilities, affiliate professors, Industry collaboration, Research and Consultancy and its other activities.
- The importance of the curriculum and syllabus for PG programme with one, two credit courses, Value added courses and outcome based teaching to enhance the knowledge and skills of the student in state of art technology.



Dr. P.K.Jawahar, HOD/EIE addressing the SLAC members

- The structure of the curriculum to focus on varied areas viz., Engineering Fundamental, Engineering Core, Project and industrial training as provided by the University

The following points were discussed by the external experts and students.

- Mr. S.Mohanakrishnan, Director (Business Development), Nagman, Calibration Services, Chennai, suggested that the courses IIOT, Industry 4.0 can be added to the curriculum as electives which are very important for getting placed in Core companies. He also suggested EIE department can support EEE department in framing the curriculum as part of latest technology in Instrumentation.
- It was suggested by the Industrial expert that more thrust and focuses on Zigbee++ to be included in the curriculum which is used by Oil Industries / Petrol pumps for centralized monitoring and control of one level of oil.

- Mr. S.K.Mohamed Aslam, General Manager, OHM Energy Management Syst Pvt Ltd. suggested to include Automation with open system protocol / Architectures.
- **Mr. C. Ramakrishnan, Parent suggested that the syllabus can be updated to industry interaction so that the students are more learning in collaboration with industries**

The HoD / EIE thanked all the experts who have given their valuable suggestions. The feedback from external experts, Alumni and students were obtained.



Conclusion by Dr.S.Kaja Mohideen, Dean (SECS)

The School Dean summarized the points discussed in the SLAC meeting and expressed the gratitude to all the members for their valuable suggestions.


DEAN (SECS)

B.S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFRASTRUCTURE

Department of Civil Engineering

Eleventh Board of Studies Meeting

Venue : Seminar Hall, Department of Civil Engineering

Date : 10.1.2019, 02.00 p.m.

Minutes of the 11th Meeting of Board of Studies held on 10 January 2019

The Eleventh meeting of the Board of Studies of Department of Civil Engineering was held on 10.1.2019 at 02.00 p.m. in the Seminar Hall, Department of Civil Engineering, B.S.Abdur Rahman Crescent Institute of Science and Technology.

The following members were present for the meeting:

Expert Members

Mr. B. Suresh, CEO & Managing Director, M/S. Mahindra Consulting Engineers Pvt. Ltd., Chennai

Dr K.P Jaya, Director (Research) & Professor, Structural Engineering Division, College of Engineering, Guindy, Anna University, Chennai

Special Invitees

✓ Mr. Suman Dhas, Senior Project Engineer, L & T, Chennai

✗ Mr.C.S.Narayanan, Vice President, M/S. Mahindra Consulting Engineers Pvt. Ltd., Chennai

Mr. N. Murali (**Parent**), Engineer (Retired), Ashok Leyland

Mr. Mohamed Ismail (**Alumini**), Trainee Engineer, Tamilnadu Water Investment Company, Guindy, Chennai

Mr. Mohamed Noorulatah (**Alumini**), Trainee Engineer, Tamilnadu Water Investment Company, Guindy, Chennai

Dr. V. S. Priya, Associate Professor, BSARCIST

Dr. A. K. Kaliluthin, Assistant Professor (Sl. Gr.), BSARCIST

Ms. V. Roopa, Assistant Professor, BSARCIST

Mr. Nihilesh (**Student Member**)

Mr. Shaik Shakeel (**Student Member**)

Ms. Abinaya (**Student Member**)

Ms. Bala Keerthana (**Student Member**)

Internal Members

Dr. P. Vasanthi, Professor & Dean, School of Infrastructure, (Chairman)

Dr. M.S. Haji Sheik Mohammed, Professor & Dean (AA)

Dr. J. Revathy, Professor

Dr. P. Gajalakshmi, Associate Professor

Dr. K. Yogeswari, Associate Professor

Mrs. Nisha Khanam, Assistant Professor

Note: Mr. D. Mohamed Shanavaz, Assistant Professor (Sr. Gr.) could not attend the meeting due to long leave.

Dr. P. Vasanthi, Chairman, BOS, extended a cordial welcome to all the members of Board of Studies. She briefed the members about the importance of redesigning the curriculum and syllabi of B.Tech. in Civil Engineering, M.Tech. Structural Engineering and M.Tech. Construction Engineering and Project Management. After the introductory remarks, the agenda items were taken up for discussion by the members of the Board of Studies.

ITEM 10.1

To consider and approve the revised curriculum and syllabi of B.Tech. Civil Engineering (VII & VIII Semester) under Regulations 2017.

The following suggestions were put forth by Mr. B. Suresh, CEO & Managing Director, M/S. Mahindra Consulting Engineers Pvt. Ltd., Chennai

- The course Estimation and Costing to be retitled as Estimation and Costing of Infrastructure Projects.

- Estimation of Irrigation structures should be added in Module III of the course Estimation and Costing.
- Module VI to be retitled as Valuation and Report preparation for the course Estimation and Costing.
- Separate module may be added as Estimation of Infrastructure projects for the course Estimation and Costing.
- The course construction Engineering and project management should be retitled as Infrastructure and construction management.
- Case studies should be included for the course construction Engineering and project management
- Textbooks / References by foreign authors should be added for the course construction Engineering and project management
- In the syllabus of construction Engineering and project management, separate module can be added for infrastructure projects.
- Module VI to be retitled as Ground Water Extraction for the course Ground Water Engineering.
- In the syllabus of Environmental Impact Assessment course, Topics on ESMF, Social Impact Monitoring and Ministry of Environmental Forest guidelines may be included.
- The course on Coastal Engineering may be removed since its too high for B.Tech Civil Engineering.
- The course on GIS & its Applications is to be retitled as GIS in Infrastructure Engineering.
- The course on Flood Management is to be retitled as Storm water and Flood Management.
- In syllabus of Contract laws and Regulations, Topics on Construction agreement, RFT, RFQ, BOT, BOOT, PPP, Awarding Infrastructure Projects, Contract award process and Legal requirement may be included.

The following suggestions were put forth by Mr. Suman Dhas, Senior Project Engineer, L & T, Chennai.

- Pre read material should be provided for the course Earthquake Engineering.

The following suggestions were put forth by Mr. C.S. Narayanan, Vice President, M/S. Mahindra Consulting Engineers Pvt. Ltd., Chennai

- For the course Industrial structures, Pre Engineered structures can be added.

The following suggestions were put forth by Dr.M.S.Haji Sheik Mohammed, Professor & Dean (AA)

- Considering the booming of Repair and Rehabilitation market, the course “Repair and Rehabilitation of structures” can be brought under core course instead of Elective.
- In the syllabus of “Repair and Rehabilitation of structures”, micro concrete can be added under repair material and sacrificial anode cathodic protection under repair technique.
- Repair and Rehabilitation of buildings can be offered as certificate course in Department of Civil Engineering

After detailed discussions, it was resolved to approve the revised syllabi of **B.Tech. Civil Engineering** and recommend the same for approval by the Academic Council of the University. **This will come into effect from the academic year 2019-2020 onwards.**

The curriculum is enclosed in **Annexure 11.1.1.**

ITEM 11.2

To consider and approve the M.Tech (Research) programme

Offering of M.Tech (Research) will have the following advantages

- Facilitate Industrial People to get Masters degree with more research component and less courses
- Research oriented leading to more publications

After detailed discussions, it was resolved to approve M.Tech (Research) and recommend the same for approval by the Academic Council of the University. **This will come into effect from the academic year 2019-2020 onwards.**

ITEM 11.3

To consider and ratify the elective course for M.Tech Structural Engineering under Regulations 2016.

The course on "Fire Protection, Services and Maintenance Management of Building" offered by the NPTEL was taken by the students of M.Tech Structural Engineering and Construction Engineering & Project Management. The course is equivalent to elective courses offered in M.Tech Structural Engineering and M. Tech. Construction Engineering & Project Management and is found to be very useful to the students.

Course	L	T	P	C
Fire Protection, Services and Maintenance Management of Building	3	0	0	3

After detailed deliberations, it was resolved to ratify the course and recommend the same for approval by the Academic Council of the University.

This will come into effect from the academic year 2018 - 2019 onwards.

The Syllabus is enclosed in **Annexure 11.3.1**.

ITEM 11.4

To consider and approve the certificate courses in Department of Civil Engineering

The following certificate courses were put forth by the BOS members :

1. "Sustainable Infrastructure" in association with M/S. Mahindra Consulting Engineers Pvt. Ltd., Chennai

After detailed deliberations, it was resolved to approve the certificate courses and recommend the same for approval by the Academic Council of the University. **This will come into effect from the academic year 2019 - 2020 onwards.**

The syllabus is enclosed in **Annexure 11.4.1**.

ITEM 11.5

To consider and approve the value added courses in Department of Civil Engineering

The following value added courses were put forth by the BOS members :

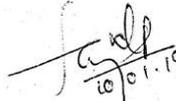
1. REVIT ARCHITECTURE
2. PRIMAVERA

After detailed deliberations, it was resolved to approve the value added courses and recommend the same for approval by the Academic Council of the University. This will come into effect from the academic year 2019 - 2020 onwards

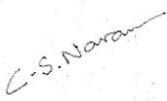
The syllabus is enclosed in **Annexure 11.5.1**.

Signature of Members


Mr. B. Suresh
 Expert Member

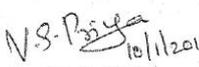

Dr. K. P. Jaya
 Expert Member

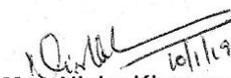

Mr. Suman Doss
 Special Invitee

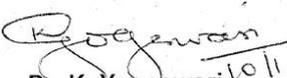

Mr. C.S. Narayanan
 Special Invitee

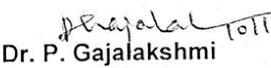

Ms. V. Roopa
 Special Invitee

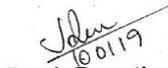

Dr. A. K. Kaliluthin
 Special Invitee

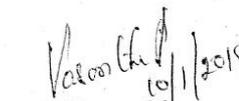

Dr. V. S. Priya
 Special Invitee


Mrs. Nisha Khanam
 Internal Member


Dr. K. Yogeswari
 Internal Member


Dr. P. Gajalakshmi
 Internal Member


Dr. J. Revathy
 Internal Member


Dr. P. Vasanthi
 Chairman


Dr. M.S. Haji Sheik Mohammed
 Internal Member

ANNEXURE V (B): SAMPLE ANALYSIS REPORT SUBMITTED BY THE DEPARTMENTS

DEPARTMENT OF Business Administration

Date: 09.03.2019

Venue: MBA

The Consolidated feedback report of parent teacher meeting held on 09.03.2019 for BBA Financial Services-II year is as follows:

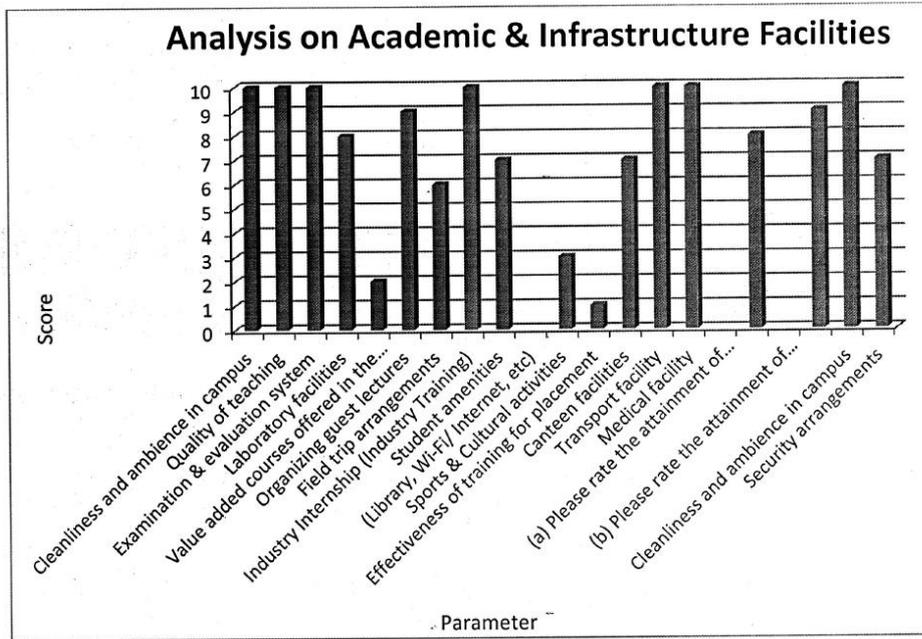
Total No. Of Parents attended the meeting: 26

I. Details of Average Score on Various Parameter :

S.No	Description	Average Score
1	Cleanliness and ambience in campus	10
2	Quality of teaching	10
3	Examination & evaluation system	10
4	Laboratory facilities	8
5	Value added courses offered in the Department / School	2
6	Organizing guest lectures	9
7	Field trip arrangements	6
8	Industry Internship (Industry Training)	10
9	Student amenities (Library, Wi-Fi/ Internet, etc)	7
10	Sports & Cultural activities	3
11	Effectiveness of training for placement	1
12	Canteen facilities	7
13	Transport facility	10
14	Medical facility	10
15	(a) Please rate the attainment of programme outcomes (Has the objective of studying the chosen programme fulfilled?)	8
	(b) Please rate the attainment of course outcomes (Have the courses helped in gaining relevant knowledge?)	9
	Cleanliness and ambience in campus	10
16	Security arrangements	7
17	Hostel (Parents of Hostellers only):	
	(a) Accommodation & Amenities	8
	(b) Food	9
	(c) Security Arrangements	8

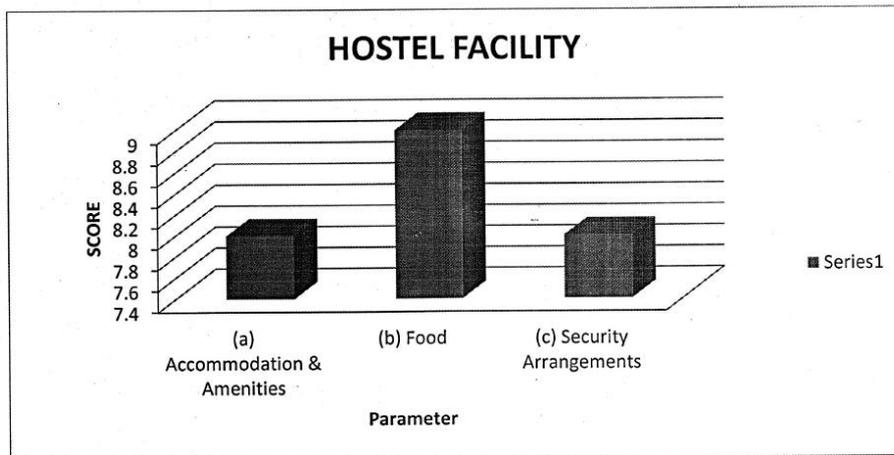
Handwritten signature

II. Analysis on Academic & Infrastructure Facilities :



III. Analysis on Hostel Facilities :

No. of parents responded : 5



Note: For calculating Average point, the following metrics shall be followed:
Excellent : 10; Very Good : 8; Good : 6; Satisfactory : 4; Not Satisfactory : 2.

IV. Other Salient Suggestions for Improvement: NIL


Head of Department
PROFESSOR & HEAD
Department of Commerce
B.S. Abdur Rahman
Crescent
Institute of Science & Technology
Vandalur, Chennai-600 048


Dean of School
DEAN
School of Social Science & Humanities
B.S. Abdur Rahman
Crescent
Institute of Science & Technology
Vandalur, Chennai-600 048.

PARENTS FEEDBACK FORM

Date:

B.S. Abdur Rahman Crescent Institute of Science & Technology is constantly striving for all round improvement in teaching and learning process, in order to provide maximum benefit of resources to the students. The parents and guardians of our students are main stakeholders of the Institution system and we value your feedback to improve the services offered at the Institution. Kindly fill up the following and hand it over to the Class Advisor / Faculty Advisor. This will help us to serve you better.

Name of the Parent: <u>S. KANNIYAMMAL</u>	
Address: <u>47/5 E.V.R PERIYAR STREET, SADHANANDAPURAM PERUNGALATHUR.</u>	
Email ID:	Mobile No.: <u>8939591835</u>
Name of the Student: <u>S. ADITHYAN</u>	RRN: <u>181291601003</u>
Program/Branch of Study: <u>B.COM(GENERAL)</u>	
Year: <u>2019</u>	

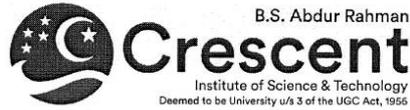
S.No.	Description	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
1	Cleanliness and ambience in campus	✓				
2	Quality of teaching		✓			
3	Examination & evaluation system	✓				
4	Laboratory facilities		✓			
5	Value added courses offered in the Department / School			✓		
6	Organizing guest lectures		✓		✓	
7	Field trip arrangements			✓		
8	Industry Internship (Industry Training)				✓	
9	Student amenities (Library, Wi-Fi/ Internet, etc)		✓			
10	Sports & Cultural activities	✓				
11	Effectiveness of training for placement		✓			
12	Canteen facilities		✓			
13	Transport facility			✓		
14	Medical facility		✓			
15	(a) Please rate the attainment of programme outcomes (Has the objective of studying the chosen programme fulfilled?)		✓			
	(b) Please rate the attainment of course outcomes (Have the courses helped in gaining relevant knowledge?)			✓		
16	Security arrangements	✓				
17	Hostel (Parents of Hostellers only):					
	(a) Accommodation & Amenities					
	(b) Food					
	(c) Security Arrangements					

Note: Please put (✓) in the relevant box.

Suggestions/Remarks if any:

S. Kanniyammal

S. Adithyan (brother)



Undertaking by Parent / Guardian
(B.Sc./BCA/BBA/B.Com/B.Pharm/Law Programmes)

I, Mr./ Mrs./ Dr. S. ARTHY, father / mother / guardian of
Mr. / Ms. J. SIVA S. KANNIYANMA RRN: 1812191601003 studying in
B.COM semester II ~~YEAR~~ programme of B.S. Abdur Rahman
Crescent Institute of Science & Technology attended the Parent-Teacher meeting held on
9.3.19.

I was briefed about my ward's performance in the Continuous Assessment Tests / Semester End Examination.

I was briefed about the attendance requirement for the courses and understand that my ward will not be able to write the Semester End Examination unless he / she secures 75% attendance in all the individual courses. In case his / her attendance falls short by the last working day of the semester in a particular course, he / she will not be allowed to write the Semester-end examination of that course. In such case, the student has to re-register the course when offered later.

I shall advise my ward to take necessary corrective actions to improve his / her academic performance and attend classes regularly.

Date: 9.3.19.

S. Arthy (brother)
Signature of the Parent / Guardian

I was counselled regarding my attendance and academic progress and agree to take necessary corrective measures.

Date: 9.3.19.

Arthy S
Signature of the Student

Countersigned with date

P.S. Nish
Faculty Advisor

A. #Salim Rahman
Head of the Department / Dean of the School

ANNEXURE V (C) : SAMPLE MINUTES OF IQAC WITH PARENTS PARTICIPATION

OFFICE OF DEAN (ACADEMIC AFFAIRS)

12th February 2019

MINUTES OF THE MEETING OF INTERNAL QUALITY ASSURANCE CELL (IQAC)

The meeting of the Internal Quality Assurance Cell (IQAC) was held on 29th January 2019 at 11:00 a.m. at Seminar Hall – III, Convention Centre, B. S. Abdur Rahman Crescent Institute of Science & Technology.

- Agenda of the meeting:**
- 1) Minutes of previous meeting & Action Taken Report
 - 2) Curricular Aspects
 - 3) Teaching Learning and Evaluation
 - 4) Research, Consultancy and Extension
 - 5) Infrastructure and Learning Resources
 - 6) Student Support and Progression
 - 7) Governance, Leadership and Management
 - 8) Alumni connect
 - 9) Admission
 - 10) Any other item

The following members were present:

S.No.	Name	Designation
1.	Prof. Sahol Hamid Bin Abu Bakar	Vice Chancellor
2.	Dr. A. Azad	Registrar
3.	Dr. M.S. Haji Sheik Mohammed	Dean (Academic Affairs) & Coordinator - IQAC
4.	Dr. Nikath M Hamza	Director (HR /FT&D)
5.	Dr. I. Raja Mohamed	Dean (Academic Research)
6.	Dr. M. Munir Ahmed Rabbani	Controller of Examinations
7.	Dr. N. Raja Hussain	Deputy Registrar (Admin)
8.	Mr. V.N.A. Jalal	Senior General Manager
9.	Dr. A. Jaya	Dean (i/c) SCIMS & HOD, CA
10.	Dr. S. Rasool Mohideen	Dean, School of Mechanical Sciences

S.No.	Name	Designation
11.	Dr. S. Kutti Rani	Dean, School of Physical & Chemical Sciences
12.	Dr. Nilamudeen	Dean, Crescent School of Law
13.	Dr. Vijaya Vara Prasad	Dean, Crescent School Pharmacy
14.	Dr. Ayub Khan Dawood	Dean, School of Social Science and Humanities
15.	Dr. S. Hemalatha	Dean, School of Life Sciences
16.	Dr. P.S.Syed Masood Jamali	Dean, School of Arabic & Islamic Studies
17.	Mr. Shah Abdul Khader	Finance Officer
18.	Mr. C. N. Suresh Babu	Student Coordinator
19.	Mr. Kavin Kumar	Director, EPMCR
20.	Dr. K. Vipinendran	Parent
21.	Ms. V. Niveditha (Student)	III year student, B.Tech. Biotechnology

Special Invitees		
S.No.	Name	Designation
22.	Dr. T. Harinarayana	Director, Centre of Energy, Sponsored projects, Integrated Research and Consultancy (ESPIRAC),
23.	Dr. D. Easwaramoorthy	First year Coordinator

The meeting was chaired by the Vice Chancellor.

He presented the overview of the agenda of the meeting and sought the expert advice and suggestions of the members of the IQAC.

Vice Chancellor emphasized on the following:

- Improving the quality of Academic Evaluation system by preparing Automated Question paper from question bank.
- Setting key behavioural norms for Administrative heads viz. HODs, School Deans and Directors of various Centers.
- Evaluation of Key behavioural indicators of Heads of Departments /Schools / Divisions by teaching staff/ supporting staff.
- Conduct of Performance Assurance Audit by introducing Dash Board Concept.
- Inculcating best practices followed in IIT's in Crescent.

He also emphasized that based on the feedback of students; actions were taken to improve the academic system & hospitality measures.

The Dean, Academic Affairs presented the detailed agenda and facilitated the deliberations.

The salient deliberations of the meeting are as follows:

1) Minutes of previous meeting & Action Taken Report:

- The minutes of the previous IQAC meeting which was held on **14TH AUGUST 2018** was confirmed. The action taken report on the same was also deliberated and approved.

2) Curricular Aspects:

- **New Programmes proposed in the academic year 2019-20 – reg.**

Note on Agenda:

Introduction of new programmes viz. BA LLB (Hons), BCA (Multimedia and Web Application Development), B.Com.(Hons), BBA(General), BBA (Entrepreneurship & Family Business), B.A. English (Hons), M.Tech. Avionics and PGDM from the academic year 2019-20.

Discussion:

- Dean, AA informed that the curriculum and syllabi of proposed new programmes shall be deliberated in the respective Board of Studies to facilitate approval from academic council. He also stressed that respective HOD's / Dean of School shall ensure sending communication to UGC through office of Registrar for approval and subsequent follow up of the same.
- **Dr. K. Vipinendran** suggested to verify if M.Tech (by Research) is an approved nomenclature of AICTE.
- Registrar suggested that instead of M.Tech (By Research), integrated Ph.D programme can be thought of by integrating M.Tech. (By Research) / M.Sc degree with Ph.D.
- Mr.Kavin Kumar suggested introducing customized industry sponsored programmes as per the requirement of companies. He cited the working model exist between L & T and IIT Madras to offer M.Tech Programme in Construction Management. He also mentioned that industry people will not be interested in research oriented degree.

Resolution:

- The members approved the starting of above programmes from the academic year 2019-20.

➤ **Revision of curriculum and syllabus – Conduct of Board of Studies Dec. 2018 & Jan. 2019: A brief report**

Note on Agenda:

- Conducting board of studies of departments / schools during Dec. 2018 – Jan. 2019 to fine tune curriculum & syllabi and deliberating other academic matters.
- To explore the possibilities of implementing AICTE model Curriculum (for AICTE approved programmes) from the academic year 2019-20

Discussion:

- **Dr. K. Vipinendran** suggested implementing AICTE model curriculum from the academic year 2019-20 for the programmes coming under AICTE ambit.
- He also insisted to follow the frame work given by AICTE and introduce grading system with O, A+++ , A++ , etc. **Dr. K. Vipinendran** also suggested enrollment of courses by students through online to showcase the spirit of implementation of CBCS.
- Dean, AA mentioned that major revisions in curriculum & syllabi of all B.Tech. programmes were done during June 2017 and revision of the same after two years will lead to practical problems. COE pointed out the intricacies involved in conduct of examinations due to frequent change of curriculum.

Resolution:

After deliberations, it is suggested to explore the possibilities of implementing AICTE model curriculum (for AICTE approved programmes) from the academic year 2019-20.

➤ **Conduct of Value added courses in the Even Semester 2018-19 - reg.**

Note on Agenda:

To consider and deliberate the value added programmes offered / proposed by various departments / Schools in the even semester 2018-19 viz. Internet of Things, Data Science, Artificial Intelligence, Service Robotics, Industrial Robotics, Deep Learning, 3D Studio Max Training Programme, Student Pilot License, Cabin Crew Management, Ground Handling, Flight Dispatcher etc.

Resolution:

- After deliberations, the IQAC endorsed the conduct of above value added courses.

➤ **Offering Social Entrepreneurship Course - Wadhvani Foundation syllabus - Odd Semester 2018-19: Status Report**

Note on Agenda:

The course “Social Entrepreneurship” was offered to B.Tech. students as per Wadhvani Foundation – NEN syllabus in the odd semester 2018-19. In the current semester, “Advanced Entrepreneurship” course is offered to students as per WF-NEN.

Discussion:

- Dean, Academic Affairs mentioned that Advanced Entrepreneurship course is currently offered to students of final year B.Tech. The faculty members Dr. L. Shakeera, Assistant Professor, CSE and Mr. Sathish Prabhu, Assistant Professor, ECE attended the one week training programme on various modules of “Advanced Entrepreneurship” organized by M/s. Wadhvani Foundation during Jan. 2019 at Bangalore.
- Mr.Kavin Kumar suggested that the students should be given case study based assignments and can be given an opportunity to go for one week internship to complete the assignment.

Resolution:

IQAC noted and appreciated the efforts taken by the Institution to promote Entrepreneurship among student community.

3 Teaching Learning and Evaluation

➤ **Result Analysis - Odd semester 2018-19 – reg.**

Note on Agenda:

The Result Analysis for the Odd semester 2018-19 is prepared and presented for deliberations.

Discussion:

- The members suggested that Deans of individual departments shall perform a holistic analysis of result and come out with suggestions for improvement.

➤ **Courses with less percentage of result: Odd semester 2018-19 - Root Cause Analysis and Action Plan**

Note on Agenda:

Root cause analysis for the courses with poor performance of result was obtained department / school wise (Odd semester 2018-19) for holistic analysis.

Discussion:

- Dean, AA mentioned that root cause analysis report was obtained from faculty members in the courses with less percentage of results. The causes and the remedial measures were also identified. The suggested remedial measures shall be implemented in the subsequent semester for improvement.
- Dean, AA also informed that revised root cause analysis form with emphasis on “effect of previous remedial measures on the current result” was circulated to Departments / schools. This will enable the faculty member / Heads of departments to analyse the current result better.

➤ **MOOC – Students and Faculty Registration – Odd semester 2018-19 - Progress report – reg.**

Note on Agenda

A brief report was presented on the MOOC Courses enrolled by the Students and Faculty in the Odd Semester 2018-19.

Discussion:

- **Dr. K. Vipinendran** suggested that the AICTE has permitted the students to undergo up to 20% of the courses as MOOC courses.

Resolution:

- The result analysis for the odd semester 2018-19 and subsequent root cause analysis in the courses with less percentage of result is noted. The holistic analysis of result by respective HODs / School Deans is stressed.
- The IQAC members noted the efforts by the Institution in promoting MOOC courses by students and faculty.
- It is also suggested to increase the credit transfer limit for MOOC courses from 6 credits to 12 credits in the existing U.G. and P.G. regulations wherever applicable.

➤ **Academic Monitoring – Class room Monitoring - Internal Audit of Departments - Question Paper Auditing – Suggestions for improvement**

Note on Agenda:

To deliberate on the existing academic monitoring activities viz. Class room inspection, internal audit of departments, question paper auditing etc. and inviting suggestions for improvement.

Discussion:

- Dean, Academic Affairs mentioned the various features of Academic Monitoring system Viz. Class room Monitoring, Internal Audit of Departments and Question Paper Auditing etc.
- The members suggested that more steps can be taken to prevent loitering of students in the campus during the working hours.

Resolution:

IQAC appreciated the efforts taken so far in this regard and noted the salient features.

4) Research, Consultancy and Extension

➤ **Review on research activities – Odd Semester 2018-19**

Note on Agenda:

The Institute admitted 14 Ph.D. scholars in January 2019 session. 26 Scholars were awarded doctoral degree in the 2018 convocation. Also 10 scholars have submitted their thesis in the last semester. The Institution also published 103 papers in International journals and 25 papers in national Journals.

Discussion:

- Dean, Research, presented the salient statistics of research publication during the odd semester 2018-19.
- Dean, Research informed that a standard operating procedure has been introduced to the research scholars to facilitate publication in peer reviewed journals and to help them to identify predatory journals.
- The members suggested to motivate the scholars to do application oriented research work.

Resolution:

The research progress in terms of publication in International Journal, National Journal and National Conference during the odd semester 2018-19 is noted.

➤ **Review on Sponsored Research & Consultancy – Odd Semester 2018-19**

Note on Agenda:

The Institute has submitted 50 proposals to various Government agencies of worth Rs. 23 Crore.

Discussion:

Consultancy and testing works done by various department/ school; and completed / ongoing funded projects for Government agencies / Industry was presented.

- Mr.Kavin Kumar suggested that the faculty members can be motivated to submit proposal for funding in International agencies like Newton funding and Indo-US fund etc.

- **Resolution:**

IQAC noted the progress of Institution in terms of sponsored research, and consultancy.

➤ **Extension activities of societal importance – progress review - reg.**

Note on Agenda:

The Institution has adopted six villages namely kattur, Karasangal, Vembudu, Manimangalam, Arungal, and Keerapakkam under Unnath Bharath Abiyan scheme of Govt. of India. Preliminary field visits have been completed in these adopted villages.

Discussion:

The members suggested to make the students to get involved in societal activities and focus their research work on application oriented research of societal importance.

Resolution:

The agenda item is noted.

5) Infrastructure and Learning Resources

➤ **Infrastructure development - Odd Semester 2018-19: Report.**

Note on Agenda:

The following infrastructure facilities were created/maintenance work carried out during the period July – Dec 2018:

- Establishment of Crescent Innovation and incubation centre (23000 sq.ft.) – Rs.25 Lakh was spent for face lifting 8000 sq.ft.area.

- Establishment of Crescent School of business at 6th floor of Crescent School of Architecture (6000 sq.ft. area). Rs.34 Lakh was spent for interior works.
- Establishment of Centre for Innovation in Teaching and Learning (1000 sq.ft.). Rs.14 lakh was spent for interior and studio works.
- Establishment of Centre for Leadership at the 6th floor of Crescent School of Architecture Block (1000 sq.ft.). Rs.14 Lakh was incurred for interior works.
- Formation of new road about 1 km around school of mechanical science block. Rs.50 Lakh is allocated and the work is in progress.
- Creation of Structural Engineering laboratory and three P.G class room (5000 Sq.ft.) - backside of Mechanical Sciences Block at a cost of Rs.35 Lakh.
- Establishment of Waste management yard (3000 sq.ft.) and Eco bin at a cost of Rs.12 Lakh.
- Face lifting of landscape works (approximate cost: Rs.10 Lakh).
- Crescent School of Architecture - completion of 7th floor - studio and lecture halls (4000 sq.ft). Amount spent is around Rs. 1.1 Crore.
- Erection and commissioning of solar plant 300kw @ Rs.1.5 Crore
- General face lifting works in various blocks - MBA, Pharmacy and other development works @ Rs.25 Lakh.

Resolution:

After deliberations, IQAC noted the infrastructure facility created and maintenance work carried out during the odd semester 2018-19.

- **Proposed Infrastructure facilities: Academic block - Chancellory Block – Workers’ Camp – Parents’ Resting facility – Progress Report**

Discussion:

- The progress made in the construction of Academic block - Chancellory Block was presented.
- It was also informed that construction of new workers camp and parents resting facility using GFRG panels technique is in progress. Civil Engineering department was granted Rs. 53 Lakh in this regard under internal funding project.

Resolution:

IQAC appreciated the Institutions support for implementing innovative construction methods and noted the progress made.

➤ **Learning resources: Crescent Centre for Teaching Learning – progress report**

Note on Agenda:

A new centre named Crescent Centre for Teaching Learning is established to facilitate the faculty members to make video lectures. Around 25 short videos have been recorded since inception.

Discussion:

Dean, Academic Affairs stated that **Crescent Centre for Teaching Learning** was created during December 2018 to facilitate promotion and innovation of Teaching and Learning process and recording of video lecture by faculty members.

Resolution:

IQAC highly appreciated the creation of Centre for Teaching and learning and noted the progress.

➤ **Ulektz – Learning Management System Implementation – Progress**

Note on Agenda:

Our institute has signed an MOU with **uLetkz Learning Solutions Pvt. Ltd.**, to provide the students a learning platform to connect with peers and faculty members. An app named “CRESCENT” has been made available in this regard to enable digital education (cloud-based educational ERP).

Discussion:

Dean, AA mentioned the implementation of learning management system in all the departments to facilitate effective teaching learning process.

Resolution:

The implementation of Ulektz – Learning Management System across institution is noted.

➤ **Offering software training to students – IIT Bombay (Spoken Tutorials): Status Report**

Note on Agenda:

Our institute has signed an MOU with IIT Bombay- Spoken Tutorial(ST). This program is about teaching and learning a particular FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice etc. via an easy Video tool - Spoken Tutorials. The Institute has registered for 14 courses namely C/C++, Java,

Netbeans and Python, PHP & MySQL, Arduino, Oscad - now eSIM, Scilab, Linux-Ubuntu, LaTeX, Python, QCAD, LaTeX & Xfig, LibreOffice, Impress, Q-CAD, FRONT ACCOUNTING in the Even Semester 2018-19.

Discussion:

Dean, AA stated that in the current semester 1241 students have enrolled in 12 courses.

Resolution:

IQAC acknowledged the efforts of the institution in implementing FOSS courses across various disciplines of study.

6) Student Support and Progression

➤ **Establishment of Crescent Innovation and Incubation Cell – Brief report**

Note on Agenda:

Crescent Innovation and incubation council (with 23,000 Sqft) has been created. Around Rs. 40 Lakh has been spend for facelift, interior works and recording studio (9,000 Sqft).

Discussion:

A report was presented on the recent activities of CIIC. Dean, AA mentioned that the Institute has been recently recommended for a funding of Rs.1.8 Crore under Bio Incubator Grant (Bio Nest - BIRAC) for the proposal submitted by School of Life Sciences in association with CIIC.

Resolution:

IQAC noted establishment of Crescent Innovation and Incubation Cell and its progress.

➤ **Students support system: Appointment of Proctors – Other disciplinary measures – reg.**

Note on Agenda:

To inculcate discipline among the students, proctors were identified among faculty members and supporting staff. The proctors will go around the campus at regular intervals and at time of need; and facilitate maintaining discipline inside the campus.

The following additional facilities are proposed to enhance students support system in the campus:

- Stationery shop and printing shop to be further improved.
- More variety of foods in the canteen.

- Improvement and quality control in the food outlets at Banyan Tree and First year students canteen.
- Opening of more food outlets.
Mr. Kavin Kumar suggested to announce some awards for the students who dress professionally.

Resolution:

The agenda item is noted.

➤ **Slow Learners & Advanced Learners: Existing Mechanisms – Suggestion for improvement**

Note on Agenda:

To encourage and support slow learners, peer assisted learning and provision for redo the courses is offered. For advanced learners, the students can pre do the courses and also take up value added courses.

Discussion:

- Mr. Kavin Kumar suggested to set different level of question papers for different grade students and also set a maximum grade (ex: E grade) for students who attend easy level question paper

Resolution:

After deliberations, the agenda item is noted.

7) Governance, Leadership and Management

➤ **Automation of Administrative process (TCSion): Progress during Odd Semester 2018-19 – reg.**

Note on Agenda:

Appreciable progress has been made in the automation of academic and administrative activities in the following modules:

- Academics & Time Table Module
- Exam & Grading Module
- Purchase Module
- Letters Module
- Finance Module
- Library Module
- Admission Module
- HRMS Module

- Transport Module
- Hostel Module

Discussion:

- Dean, AA briefed the IQAC members about the progress made in the various modules of TCS ion automation process.

Resolution:

After deliberations, the progress made in the automation of academic and administrative process is noted.

8) Alumni connect

- **Events organized in last calendar year 2018 – Report**
- **Proposed events for the calendar year 2019**

Note on Agenda:

- Institute signed an agreement with Alma Connect platform.
- More than 4000 alumni are connected in this platform. The objective is to connect the outgoing students with the alumni department wise.

Alumni reunion event - Hangout meeting held on 22 December 2018 at Le Royal Meridian Hotel, Chennai. 170 alumni attended the event; 24 alumni were honoured with outstanding alumni award in this event.

Discussion:

- A brief report was presented on the alumni events organized in the calendar year 2018 and proposed events for the calendar year 2019

Resolution:

IQAC noted the progress made in the Alumni connect during the odd semester 2018-19.

9) Admission

- **Admission strategies for the academic year 2019-20: Intake of Diversified & Foreign Students - Suggestions**

Note on Agenda:

Director, Admissions elaborated the various activities initiated to improve the admission intake in the academic year 2019-20. The various activities are:

- Implementation of a comprehensive branding and marketing strategy

- Implementation of highly effective online and social media marketing strategy
- Organizing Open Day for school students
- Organizing Leadership training programmes for School Principals
- Establishment of Local Admission Centres in selected cities across the Nation
- Participating in Educational Expo in India and Abroad
- Improving student diversity by campaigning in northern states
- Organizing carrier guidance programme for school students
- Utilizing the support of Alumni Association for admission campaign
- Arranging for media coverage (both TV and Newspaper) of important events and students achievements.

Discussion:

Dr. K. Vipinendran and Mr. Kavin Kumar emphasized the involvement of Alumni network in branding and creating visibility of the Institution.

Resolution:

The above agenda item is noted.

Any other item

Registrar thanked the members of IQAC for their august presence and valuable suggestions.



Dr. M.S. Haji Sheik Mohammed
Dean, Academic Affairs
Coordinator, IQAC

ANNEXURE V (D): SAMPLE FEEDBACK FORMS OBTAINED FROM PARENT


 B.S. Abdur Rahman
Crescent
 Institute of Science & Technology
 Deemed to be University u/s 3 of the UGC Act, 1956
 An ISO 9001:2015 Certified Institution
 Parents Login | Students Login | Staff Login

Admissions | Research | Departments | Institute | Connect | Why Crescent?
 UG ADMISSIONS | PG ADMISSIONS | INTERNATIONAL ADMISSIONS | NRI ADMISSIONS | ENQUIRE NOW

General Enquiry
 +91 44 2275 1347
 +91 44 2275 9200
 Admission Help Desk
 +91 99432 77888

QS WORLD UNIVERSITY RANKINGS
 OVERALL RANK IN INDIA
 81-85

IQAC | NBA | ARIIA | NIRF | NAAC | MANDATORY DISCLOSURE | ISO | NAD | DSIR

ABOUT US | ADMINISTRATION | ACADEMICS | ACCREDITATION | RESEARCH | ESPAC | EXAMINATIONS | STUDENT AFFAIRS | PLACEMENT | CENTERS | NEWS | EVENTS | CAREERS | FEEDBACK

crescent.education

Parents Feedback

Name of the Parent*

Address*

Email ID*

Mobile No.*

Name of the Student*

RRN*

Program / Branch of Study*

Year*

Cleanliness and ambience in campus <input type="text" value="Good"/>	Quality of teaching <input type="text" value="Good"/>
Examination & evaluation system <input type="text" value="Good"/>	Laboratory facilities <input type="text" value="Good"/>
Value added courses offered in the department/School <input type="text" value="Good"/>	Organizing guest lectures <input type="text" value="Good"/>
Field trip arrangements <input type="text" value="Good"/>	Industry Internship (Industry Training) <input type="text" value="Good"/>
Student amenities (Library, Wi-Fi/Internet, etc) <input type="text" value="Not Satisfactory"/>	Sports & Cultural activities <input type="text" value="Good"/>
Effectiveness of training for placement <input type="text" value="Good"/>	Canteen facilities <input type="text" value="Good"/>
Transport facility <input type="text" value="Good"/>	Medical facility <input type="text" value="Good"/>

(a) Please rate the attainment of programme outcomes (Has the objective of studying the chosen programme fulfilled)

(b) Please rate the attainment of course outcomes (Have the courses helped in gaining relevant knowledge)

Security arrangements

Hostel (Parents of Hostellers only)

(a) Accommodation & Amenities

(b) Food

(c) Security arrangements

Your opinion about Curriculum (courses in the programme) and suggestions for new courses to be introduced

Any other suggestions

NTQ5

SITEMAP Hi, I'm Aliza, your admission assistant. How may I help you 



Parents Feedback

Name of the Parent*

P.M.P.Chitra

Address*

No.133,RMK nagar,cheran street,vandalur,chennai-48

Email ID*

chitdeepu@gmail.com

Mobile No.*

9551629044

Name of the Student*

M.DeepthaMaiika

RRN*

170081601013

Program / Branch of Study*

B.tech information technology

Year*

2

Cleanliness and ambience in campus

Very Good

Quality of teaching

Very Good

Examination & evaluation system

Very Good

Laboratory facilities

Good

Value added courses offered in the department/School

Very Good

Organizing guest lectures

Good

Field trip arrangements

Satisfactory

Industry Internship (Industry Training)

Good

Student amenities (Library, Wi-Fi/Internet, etc)

Very Good

Sports & Cultural activities

Good

Effectiveness of training for placement

Very Good

Canteen facilities

Very Good

Transport facility

Very Good

Medical facility

Good

(a) Please rate the attainment of programme outcomes (Has the objective of studying the chosen programme fulfilled)

Satisfactory

(b) Please rate the attainment of course outcomes (Have the courses helped in gaining relevant knowledge)

Satisfactory

Security arrangements

Good

Hostel (Parents of Hostellers only)

(a) Accommodation & Amenities

Select

(b) Food

Select

(c) Security arrangements

Select

Your opinion about Curriculum (courses in the programme) and suggestions for new courses to be introduced

University can offer any new courses based upon the new technologies also can provide internships

Any other suggestions

MMUD

MMUD

Submit

Parents Feedback

Name of the Parent*

Shanu.a

Address*

9/8 model Burnett road extension c.i.t nagar nandhanam Chennai-600035

Email ID*

azrah6659@gmail.com

Mobile No.*

9566161538

Name of the Student*

azrah shehreen.a

RRN*

170081601008

Program / Branch of Study*

B.Tech information technology

Year*

2nd

Cleanliness and ambience in campus

Very Good

Quality of teaching

Very Good

Examination & evaluation system

Very Good

Laboratory facilities

Good

Value added courses offered in the department/School

Good

Organizing guest lectures

Good

Field trip arrangements

Satisfactory

Industry Internship (Industry Training)

Satisfactory

Student amenities (Library, Wi-Fi/Internet, etc)

Good

Sports & Cultural activities

Good

Effectiveness of training for placement

Good

Canteen facilities

Very Good

Transport facility

Very Good

Medical facility

Good

(a) Please rate the attainment of programme outcomes (Has the objective of studying the chosen programme fulfilled)

Very Good

(b) Please rate the attainment of course outcomes (Have the courses helped in gaining relevant knowledge)

Very Good

Security arrangements

Satisfactory

Hostel (Parents of Hostellers only)

(a) Accommodation & Amenities

Select

(b) Food

Select

(c) Security arrangements

Select

Your opinion about Curriculum (courses in the programme) and suggestions for new courses to be introduced

I'm happy about the present courses.

Any other suggestions

For Communication with NAAC

The Director
National Assessment and Accreditation Council (NAAC)
(An Autonomous Institution of the University Grants Commission)
P.O. Box. No. 1075, Nagarbhavi
Bengaluru - 560 072
Phone : +91-80-2321 0261/62/63/64/65
Fax : +91-80-2321 0268, 2321 0270
E-mail : director.naac@gmail.com
Website : www.naac.gov.in

