

**SCHOOL OF INFRASTRUCTURE  
DEPARTMENT OF CIVIL ENGINEERING**

**AY 2022-2023**

**CRESCENT CIVILIANS  
REPORT**

**STUDENT COORDINATORS**  
ROJA.R  
CHARUMATHI.M  
B.TECH (2019-2023)

**STAFF COORDINATOR**  
Dr.NISHA KHANAM  
Assistant Professor (Sel.Gr)

**SCHOOL OF INFRASTRUCTURE**

**DEPARTMENT OF CIVIL ENGINEERING**

**ACADEMIC YEAR 2022 - 23**

**Name of the Department: Civil Engineering**

**Name of the School: School of Infrastructure**

**1. Value Added Programmes Offered**

S. No	Name of the programme	Duration (From –To)	Course Duration (hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	GIMP (B.Tech -VII sem)	July-Dec 2022	30	IIT Bombay-ST	24	-	-
2.	PERL (M.Tech CEPM-III sem)	July-Dec 2022	30	IIT Bombay-ST	16	-	-
3.	QGIS (B.Tech -VII sem)	July-Dec 2022	30	IIT Bombay-ST	28	-	-
4.	PERL (M.Tech Structural Engg - III sem)	July-Dec 2022	30	IIT Bombay-ST	16	-	-
5.	MARBLE (B.Tech -VII sem)	July-Dec 2022	30	IIT Bombay-ST	21	-	-
6.	OPEN MODELICA (B.Tech -V sem)	July-Dec 2022	30	IIT Bombay-ST	22	-	-
7.	RUBY (M.Tech CEPM -IIIsem)	July-Dec 2022	30	IIT Bombay-ST	16	-	-
8.	LATEX (M.Tech CEPM -III sem)	July-Dec 2022	30	IIT Bombay-ST	16	-	-
9.	RUBY (M.Tech Structural Engg - III sem)	July-Dec 2022	30	IIT Bombay-ST	16	-	-
10.	LATEX (M.Tech Structural Engg - III sem)	July-Dec 2022	30	IIT Bombay-ST	16	-	-
11.	INKSCAPE (B.Tech -V sem)	July-Dec 2022	30	IIT Bombay-ST	24	-	-

## 2. Training Programmes Offered

S. No	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Course fee & details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1	Two-day workshop on 2 <sup>nd</sup> Electrochemical Corrosion Techniques: Theory and Hands on Training	17.3.2023 & 18.3.2023	2 days	<b>Course fee</b> (Rs.750- Rs.2500)  <b>Collaborating Agency</b> AMPP India Section NIGIS – SZ Metrohem India Pvt Ltd	36	9	-
2	Two day All India Seminar on “Recent Advancements in Ground Improvement Techniques for Problematic Soil”	23.5.2023 & 24.5.2023	2 days	<b>Course fee</b> (Rs.100 - Rs.150)  <b>Collaborating Agency</b> Institution of Engineers (India) IEI- Kanchepuram Local Centre	28	5	-

## 3. Interdisciplinary Programmes Conducted

S. No	Name of Programme	Other departments	No. of Participants	Outcome of the Programme
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		involved	Students	Faculty	Others	
1.	Two Days Workshop on 2 <sup>nd</sup> Electrochemical Corrosion Techniques: Theory and Hands on Training	Chemistry	30	10	10	Students acquired knowledge on the latest advancement in electrochemical corrosion and its control techniques in fields of science and technology and hands-on training was given in laboratory sessions which was designed to complement the lecture session

**4. Details of Field visits/Industrial visits organized by the department.**

S. No	Participant Details				Name of faculty involved	Industry Visited	Date / Duration	Outcome
	Programme & Course relevance	Sem	Sec	No. of Students				



1.	M.Tech. CEPM & M.Tech. Structural Engineering (CEEY 103 Design of Steel Concrete Composite Structures)	III		35	Dr. A.K. Kaliluthin, Asso. Prof. Ms. Ayisha Siddiqua, Asst. Prof.	CSIR – Structural Engineering Research Centre (SERC) , Taramani	26.09.2022	Acquired knowledge on various high-end structural testing facilities, techniques & practices for sustainable construction, destructive & non-destructive testing techniques.
2.	B.Tech. Civil Engineering Second year (CED2104 Water and Wastewater Engineering)	III		66	Mr.Y.Ibrahim, Mr.B.Kannadasan Asst.Profs	Koyambedu Sewage Water Treatment Plant, Koyambedu, Chennai	21.11.2022	Gained knowledge about the various process involved to treat different types of impure water.  Gained knowledge about the various process involved in treatment of water for supply to common public.
3.	B.Tech. Civil Engineering Second year (CED2104 Water and Wastewater Engineering)	III		66	Mr.Y.Ibrahim, Mr.B.Kannadasan Ms.V.Roopaa Asst. Professors	Kilpauk Water Treatment Plant at Kilpauk, Chennai	22.11.2022	
4.	B.Tech. Civil Engineering Second year (CED2104 Water and Wastewater Engineering)	III		66	Ms.K.Kanmani Mr.Y.Ibrahim, Mr.B.Kannadasan Asst. Professors	Nemmeli Desalination Plant at Nemmeli, Chennai	23.11.2022	Students understood the various processes involved in desalination process to convert sea water in to potable water.
5.	B.Tech. Civil Engineering Final year (CECX64 – Sustainable Design of Buildings)	VII		14	Dr.Nisha Khanam Asst. Professor	Precast Structural Yard of M/s. L & T Construction, Chennai	31.01.2023	Students acquired knowledge about prestressing of strands, concept of PSC, and stages involved in casting of PSC

							elements including curing & transportation.	
6.	B.Tech. Civil Engineering (CED 2206 & CEC3215 Survey & Soil Investigation camp)	IV & VI			Dr.K.Yogeswari Professor Dr.Nisha Khanam Asst. Professor Dr.N.S.Shafeer Ahamed Asst. Professor Ms.K.Kanmani Asst. Professor Mr.Y.Ibrahim Asst. Professor Mr.Sheik Farid Asst. Professor Mr.S.Dhamodharan Asst. Professor	"YMCA CAMPUS" at Yelagiri	20.2.2023 to 25.2.2023.	Students obtained rigorous hands-on experience in real time surveying using conventional and modern instruments / equipment's.
7.	B.Tech. Civil Engineering (CEDX74-Principles of Architecture)	IV		30	Dr.K.Yogeswari Professor	Auroville, Pondicherry	21.03.2023	Students learned the various architecturally significant buildings constructed using the low-cost materials and pollution free materials.
8.	M.Tech. CEPM & M.Tech. Structural Engineering (CEE 6221- Advanced Construction Planning, Scheduling and Control)	II		20	Ms. V. Roopa Asst. Professor	Site Visit to a Commercial Building at GST Road, Vandalur, Chennai	08.05.2023	Students gained knowledge on various field works carried out in site during construction including quality control.



**Visit to CSIR-SERC on 26.09.2022**



**Visit to Sewage Water Treatment Plant, Koyambedu, Chennai on 21.11.2022**



**Visit to Water Treatment Plant, Kilpauk, Chennai on 22.11.2022**



**Visit to Desalination Plant, Nemmeli, Chennai on 23.11.2022**





**Visit to Precast Structural Yard of Chennai Metro Rail Projects, Chennai on 31.01.2023**



**Survey Camp at "YMCA CAMPUS", Yelagiri during 20.2.2023 to 25.2.2023**



**Visit to a Commercial Building at GST Road, Vandalur, Chennai on 08.05.2023**

**5. Conferences / FDP / Seminars / Workshops Organized by the department.**

S. No	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1.	A technical webinar on “Application of Sustainable Concrete in Modern Construction” in collaboration with The Institution of Engineers (India).	Webinar	06.07.2022	Institution of Engineers (India) IEI, Kanchepuram Local Centre	Dr.D.Elango, Council Member & Chairman, Kanchipuram Local Centre, IEI  Dr.G.Shanmugasundar, Honorary Secretary, IEI Kanchipuram Local Centre  Dr. M.S. Haji Sheik Mohamed, Professor & Dean, Academic Affairs, BSACIST, Chennai  Dr. A. Leema Rose, Associate Professor, SRM Valliamai Engineering College, Chennai	8	39	4	20
2.	Engineer’s Day 2022	Engineer’s Day Celebration	15.09.2022	Institution of Engineers (India), IEI, Kanchepuram	Er. M. Vasudevan, Superintending Engineer, PWD, Planning &	8	60	-	-

				Local Centre	Development Circle, Chepauk, Chennai				
3.	Inauguration of Activities of Professional Societies	Inauguration of Events & Lecture	20.10.2022	-	Mr. S. Janakumaran, Project Director, National Highway Authority of India, Chennai	4	85	-	-
4.	Guest Lecture on "Importance of Geotechnical Engineering – Need for Learning"	Guest Lecture	24.11.2022	-	Dr. V. Balakumar, Geotechnical Consultant, Chennai	2	39	-	-
5.	Guest Lecture on "Practical Applications and Scope of Structural Engineering in various Industries"	Guest Lecture	28.11.2022	-	Er. D. Surendar, Deputy Manager, Chennai Metro Rail Limited, Chennai	2	60	-	-
6.	Guest Lecture on "21 <sup>st</sup> Century Trends and Advances in Research and Education".	Guest Lecture	28.12.2022	-	Prof. M. Arockiasamy, Professor & Director, Centre for Infrastructure & Constructed Facilities, Florida Atlantic University, USA	2	39	-	-
7.	National Seminar on "Sustainable Management of Clean Water & Sanitation in Rural and Urban Areas"	National Seminar	15.02.2023	Institution of Engineers (India), Kanchepuram Local Centre	Dr. D. Elango, FIE, National Council Member & Chairman IE(I)- Kanchepuram Local Centre  Dr. T. Selvakumar, Retd. Engineer	5	66	-	-

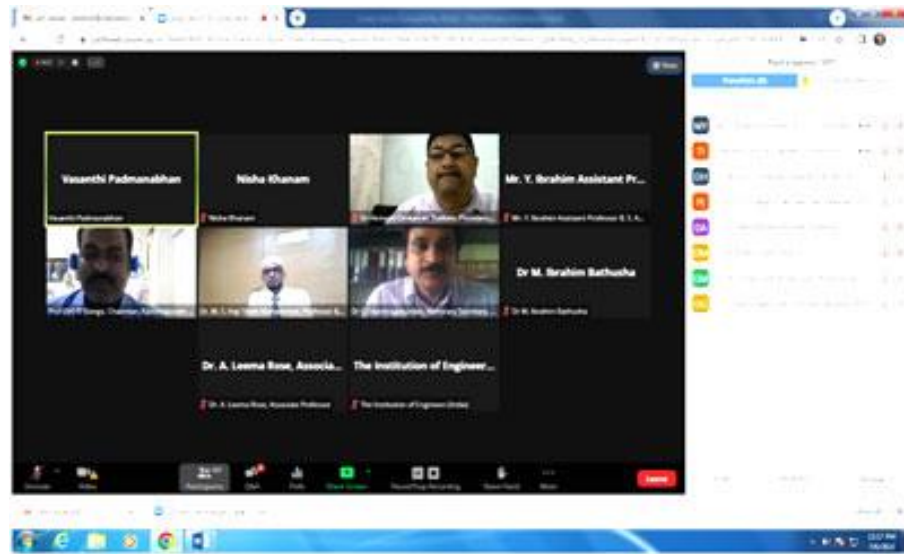
					<p>(CMWSSB) and Research Consultant</p> <p>Dr. Suneethi Sundar, Research Scientist, Water &amp; Effluent Treatment IC, L&amp;T Construction</p> <p>Dr. V.S. Priya , Associate Professor, Department of Civil Engineering, School of Infrastructure, BSACIST</p>				
8.	National Level Technical Symposium CIVICLAN 2023 Chief Guest	Symposium	16.03.2023	-	Er. R. Ravishankar, Regional Manager, South India, Pidilite Industries Ltd, Chennai	16	95	-	120
9.	National Workshop on 2 <sup>nd</sup> Electrochemical Corrosion Techniques: Theory and Hands on Training	Workshop	17.03.2023 & 18.03.2023	Department of Chemistry, BSACIST, AMPP India Section, & NIGIS – South Zone	<p>Dr. M. Joseph Former Director Material Chemistry &amp; Metal Fuel Cycle, IGCAR, Kalpakkam.</p> <p>Dr. A. Poonguzhali Scientific Officer(F), CSTD Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam.</p>	7	21	2	15



					<p>Dr. S. Rangarajan, Former Head, Water and Steam Chemistry Division, BRCF, Kalpakkam.</p> <p>Dr. S. Ningshen, Head, CSTD, &amp; CEPS, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam</p> <p>Dr. M.S. Haji Sheik Mohammed, Professor Department of Civil Engineering, BSACIST</p> <p>Dr. S. Kutti Rani, Professor Department of Chemistry, BSACIST.</p> <p>Dr. S. Ramanathan, Professor, Department of Chemical Engineering, IIT Madras</p> <p>Dr. Raman Vedarajan Scientist, Centre for Fuel Cell Technology,</p>				
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					International Advanced Research Centre for Powder Metallurgy & New Materials, Chennai				
10.	National Seminar on "Recent Advancements in Ground Improvement Techniques for Problematic Soil"	Seminar	23.05.2023 & 24.05.2023	Institution of Engineers (India), IEI	<p>Dr. V.K. Stalin, Professor, CEG, Anna University, Chennai.</p> <p>Dr. P.T. Ravichandran, Professor &amp; Head, S.R.M University, Chennai.</p> <p>Dr. Sivapriya S.V, Associate Professor, S.S.N Institutions, Chennai.</p> <p>Dr. S. Bhuvaneshwari, Associate Professor, S.R.M University, Chennai.</p> <p>Er. Madan Kumar, Head of Engineering, Keller India, Chennai.</p>	5	18	-	10

					<p>Dr. V. Balakumar, Senior Consultant, Simplex Infrastructure Limited, Chennai.</p> <p>Er. M. Kumaran, Head – Engg &amp; Tech, L&amp;T Geo Structure, Chennai.</p> <p>Dr. T. Prabu, Post- Doctoral Associate, Newyork University, Abu Dhabi.</p>				
11.	Training on MS Project and Primavera	Hands on training	03.06.2023	M/s. Infinity PMC Solutions Pvt Ltd., Chennai	Mr. Jagatheeswaran Neethivarman Functional Consultant Infinity PMC Solutions Pvt Ltd., Chennai	2	20	-	-



**Technical webinar on “Application of Sustainable Concrete in Modern Construction” on 06.07.2022**



**Engineer’s Day Celebration on 15.09.2022**

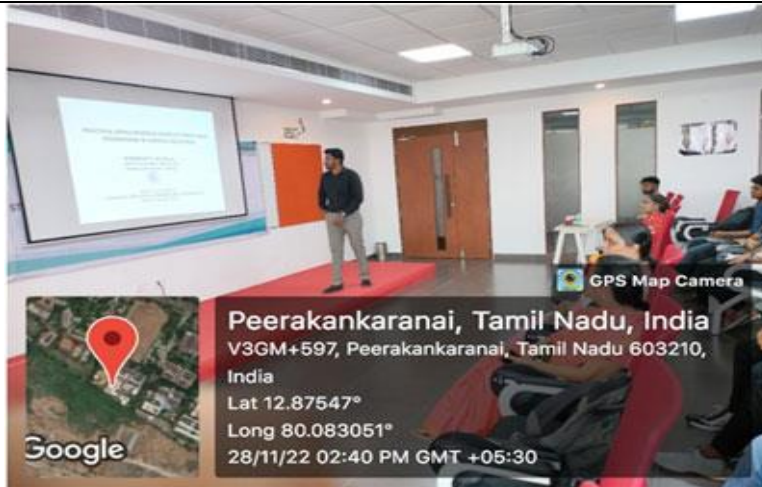




**Inauguration of Professional Society Activities on 20.10.2022**



**Guest Lecture on “Importance of Geotechnical Engineering – Need for Learning” on 24.11.2022**



**Guest Lecture on Practical Applications and Scope of Structural Engineering in Various Industries on 28.11.2022**



**National Level Technical Symposium (CIVICLAN 2K23) on 16.03.2023**

**One-day Seminar on “Sustainable Management of Clean Water & Sanitation in Rural and Urban Areas” on 15.02.202**



**National Workshop on 2<sup>nd</sup> Electrochemical Corrosion Techniques: Theory and Hands on Training during 17.3.2023 & 18.3.2023**



**National Seminar on “Recent Advancements in Ground Improvement Techniques for Problematic Soil”  
During 23.5.2023 & 24.5.2023**

**6. Financial Support for organizing Value added programme / Field visit / Workshop / FDP / Conference / Guest lecture / Professional Society Activities such as membership fees, organized events etc.**

Sl. No	Name of Programme / Activity	Duration	Details of financial support received from Institution/External Agency	Remarks
1.	Students membership fee of Institution of Engineers (India) –IEI	AY 2022-2023	Rs. 26,800 Institute	-
2.	Guest Lectures organized by the department	20.10.2022 28.11.2022 28.12.2022	Rs.9,000 Institute	-
3.	Student Membership and Faculty Advisor fee of American Society of Civil Engineers (ASCE)	24.1.2023	Rs. 12,505 Institute	-
4.	One day Seminar on Sustainable Management of Clean Water & Sanitation in Rural and Urban Areas	15.02.2023	Rs. 8,000 Institution of Engineers (India) – IEI	-
5.	Survey Camp at YMCA Camp, Yelagiri	20.02.2023 – 25.02.2023	Rs.2,00,000 (Institute)	-
6.	National Level Technical Symposium ‘CIVICLAN 2023’	16.03.2023	Rs. 30,000 Institute	-
7.	Two Days Workshop on 2 <sup>nd</sup> Electrochemical Corrosion Techniques: Theory and Hands on Training	17.03.2023	Rs.25,000 Metrohem India Pvt Ltd	-
8.	Two day All India Seminar on “Recent Advancements in Ground Improvement Techniques for Problematic Soil	23.05.2023 & 24.05.2023	Rs.40,000 Institution of Engineers (India) – IEI	-



**7. Conferences / FDP / Seminars / Workshops Attended by faculty.**

S. No	Name of the faculty	Name of the programme	Type of Programme	Duration From – To	Organizing Agency	Details of Sponsorship amount received from BSACIST/ Others (Rs)
1.	Dr.J. Revathy	Inculcating Universal Human Values in Technical Education	5 Days online FDP	05.12.2022-09.12.2022	All India Council for Technical Education, AICTE, New Delhi	-
2.	Dr.J. Revathy		5 Days online FDP	19.12.2022 - 23.12.2022		-
3.	Dr.J. Revathy	Inculcating Universal Human Values in Technical Education-II	6 Days online FDP	24.04.2023-29.04.2023		-
4.	Dr.P.Gajalakshmi,	Inculcating Universal Human Values in Technical Education	5 Days online FDP	14.11.2022 – 18.11.2022		-
5.	Dr.P.Gajalakshmi		5 Days online FDP	19.12.2022 - 23.12.2022		-
6.	Dr.P.Gajalakshmi	Inculcating Universal Human Values in Technical Education-II	6 Days online FDP	24.04.2023-29.04.2023		-
7.	Dr.K.Yogeswari	Inculcating Universal Human Values in Technical Education	5 Days online FDP	14.11.2022 – 18.11.2022		-
8.	Dr.K.Yogeswari		5 Days online FDP	19.12.2022 - 23.12.2022		-

9.	Dr.V.S.Priya		5 Days online FDP	19.12.2022 - 23.12.2022		-
10	Dr.V.S.Priya	Inculcating Universal Human Values in Technical Education-II	6 Days online FDP	24.04.2023-29.04.2023	All India Council for Technical Education, AICTE, New Delhi	-
11	Dr.Nisha Khanam	Inculcating Universal Human Values in Technical Education	5 Days online FDP	14.11.2022 – 18.11.2022		-
12	Dr.Nisha Khanam		5 Days online FDP	19.12.2022 - 23.12.2022		-
13	Dr.Nisha Khanam	Faculty in Universities/Colleges/Institutes of Higher Education	Faculty Induction/orientation programme	20.01.2023-18.02.2023	Teaching Learning Centre, Ramanujan College, University of Delhi.	-
14	Dr.Nisha Khanam	Inculcating Universal Human Values in Technical Education-II	6 Days online FDP	24.04.2023-29.04.2023	All India Council for Technical Education, AICTE, New Delhi	-
15	Dr.N.S. Shafeer Ahamed	Faculty in Universities/Colleges/Institutes of Higher Education”	Faculty Induction/orientation programme	20.09.2022-19.10.2022	Teaching Learning Centre, Ramanujan College, University of Delhi.	-
16	Dr.N.S. Shafeer Ahamed,	Emerging Trends & Applications in Civil Engineering	Workshop	02.01.2023 - 07.01.2023	SRM Institute of Science and Technology, Kattankulathur, Chennai	-
17	Dr.N.S. Shafeer Ahamed	Inculcating Universal Human Values in Technical Education	5 Days online FDP	30.01.2023 – 03.02.2023	All India Council for Technical Education, New Delhi	-
18	Ms.K. Kanmani,	Advanced Remote Sensing applications and Machine Learning for Environment	FDP	24.06.2022-05.07.2022	Dr.M.G.R. Educational & Research Institute, Chennai	-

		Sustainability				
19	Ms.K. Kanmani	Inculcating Universal Human Values in Technical Education	5 Days online FDP	19.09.2022-23.09.2022	All India Council for Technical Education, AICTE, New Delhi	-
20	Ms.K. Kanmani	Effective Writing of Research Articles with Grammarly	Webinar	20.09.2022	B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	-
21	Ms.K.Kanmani	Transforming AEC Projects with GIS and BIM	MOOC Course	14.09.2022 – 12.10.2022	Environmental Systems Research Institute(ESRI), USA	-
22	Ms.K.Kanmani	Faculty in Universities / Colleges/Institutes of Higher Education	Faculty Orientation programme	20.09.2022 - 19.10.2022	Teaching Learning Centre, Ramanujan College University of Delhi	-
23	Ms.K.Kanmani	Satellite Data ordering workshop through BHOONIDHI – 2022	Webinar workshop	02.11.2022	National Remote Sensing Centre, ISRO, Hyderabad	-
24	Ms.K.Kanmani	Bhuvan Overview	Training Programme	09.11.2022 – 11.11.2022	National Remote Sensing Centre, ISRO, Hyderabad	-
25	Ms.K.Kanmani	Spatial Data Science : the New Frontier in Analytics	MOOC Course	05.10.2022 – 16.11.2022	Environmental Systems Research Institute(ESRI), USA	-
26	Ms.K.Kanmani	Emerging Trends & Applications in Civil Engineering	Six-day Workshop	02.01.2023 – 07.01.2023	SRM Institute of Science and Technology, Kattankulathur, Chennai	-
27	Mr.Y.Ibrahim	NEN Entrepreneurship course	Faculty orientation Programme	25.07.2022	M/s. Wadhvani Foundation, Bangalore	-

28	Mr.Y.Ibrahim	Instructional Planning and delivery of National Initiative for Technical Teachers Training	Technical Education	July 2022	All India Council for Technical Education, AICTE, New Delhi	-
29	Mr.Y.Ibrahim	Inculcating Universal Human Values in Technical Education	5 Days online FDP	19.09.2022-23.09.2022	All India Council for Technical Education, New Delhi	-
30	Mr.Y.Ibrahim	Effective Writing of Research Articles with Grammarly	Webinar	20.09.2022	B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	-
31	Mr.Y.Ibrahim	Design and Development of Drone – Hands on Experience	Workshop	01.11.2022	Bharat – Ratna Indira Gandhi College of Engineering, Maharastra.	-
32	Mr.Y.Ibrahim	Emerging Trends & Applications in Civil Engineering	Workshop	02.01.2023 - 07.01.2023	SRM Institute of Science and Technology, Kattankulathur, Chennai	-
33	Mr.Y.Ibrahim	Module: 2 Professional Ethics & Sustainability of National Initiative for Technical Teachers Training	Technical Education	February 2023	All India Council for Technical Education, AICTE, New Delhi	-
34	Mr.Y.Ibrahim	Module: 5 Technology Enabled Learning and Lifelong Self Learning of National Initiative for Technical Teachers Training	Technical Education	February 2023		-
35	Ms.Ayisha Siddiqua	Instructional Planning and Delivery of National Initiative for	Technical Education	July 2022		-



		Technical Teachers Training				
36	Ms..Ayisha Siddiqua	Inculcating Universal Human Values in Technical Education	FDP	31.10.2022 - 04.11.2022		-
37	Ms. Ayisha Siddiqua	Faculty in Universities/Colleges/Institutes of Higher Education”	Faculty Induction/orientation programme	20.01.2023-18.02.2023	Teaching Learning Centre, Ramanujan College, University of Delhi.	-
38	Ms. Ayisha Siddiqua	National Intellectual Property Awareness Mission	Training Programme	09.02.2023	Intellectual Property Rights, CIIC	-
39	Ms. Ayisha Siddiqua	Module: 2 Professional Ethics & Sustainability of National Initiative for Technical Teachers Training	Technical Education	February 2023	All India Council for Technical Education, AICTE, New Delhi	-
40	Ms. Ayisha Siddiqua	Module: 5 Technology Enabled Learning and Lifelong Self Learning of National Initiative for Technical Teachers Training	Technical Education	February 2023		-
41	Ms.V. Roopa	Faculty in Universities/Colleges/Institutes of Higher Education”	Faculty Induction/orientation programme	20.01.2023-18.02.2023	Teaching Learning Centre, Ramanujan College, University of Delhi.	-
42	Ms.V. Roopa	Corrosion Control in Concrete Structures (C3S)	International Workshop	30.01.2023	IIT Madras (under TLC2)	-
43	Dr. M.S. Haji Sheik Mohammed	Corrosion Control in Concrete Structures (C3S)	International Workshop	30.01.2023	IIT Madras (under TLC2)	

44	Mr.B. Kannadasan	Instructional Planning and Delivery of National Initiative for Technical Teachers Training	Technical Education	July 2022	All India Council for Technical Education, AICTE, New Delhi	-
45	Mr.B. Kannadasan	Module: 2 Professional Ethics & Sustainability of National Initiative for Technical Teachers Training	Technical Education	February 2023		-
46	Mr.B. Kannadasan	Module: 5 Technology Enabled Learning and Lifelong Self Learning of National Initiative for Technical Teachers Training	Technical Education	February 2023		-
47	Mr.A. Manivannan	Materials &Sustainability in Civil Engineering (MSCE- 2022)	National Conference	01.07.2022 - 02.07.2022	SRM Institute of Science and Technology, Kattankulathur Chennai	-
48	Mr.A. Manivannan	Inculcating Universal Human Values in Technical Education	FDP	30.01.2023 - 03.02.2023	All India Council for Technical Education, AICTE, New Delhi	-
49	Mr.A. Manivannan	Faculty in Universities/Colleges/Institutes of Higher Education”	Faculty Induction/orientation programme	20.01.2023- 18.02.2023	Teaching Learning Centre, Ramanujan College, University of Delhi.	-
50	Mr.A. Manivannan	Emerging Trends & Applications in Civil Engineering	Workshop	02.01.2023 - 07.01.2023	SRM Institute of Science and Technology, Kattankalathur, Chennai	-

51	Mr.A. Sheik Farid	Instructional Planning and delivery of National Initiative for Technical Teachers Training	Technical Education	July 2022	All India Council for Technical Education, New Delhi	-
52	Mr.A. Sheik Farid	Inculcating Universal Human Values in Technical Education	5 Days online FDP	31.10.2022 - 04.11.2022	All India Council for Technical Education, New Delhi	-
53	Mr.A. Sheik Farid	Faculty in Universities/Colleges/Institutes of Higher Education”	Faculty Induction/orientation programme	20.01.2023- 18.02.2023	Teaching Learning Centre, Ramanujan College, University of Delhi.	-
54	Mr.A. Sheik Farid	National Intellectual Property Awareness Mission	Training Programme	09.02.2023	Intellectual Property Rights, CIIC	-
55	Mr.A. Sheik Farid	Module: 2 Professional Ethics & Sustainability of National Initiative for Technical Teachers Training	Technical Education	February 2023	All India Council for Technical Education, AICTE, New Delhi	-
56	Mr.A. Sheik Farid	Module: 5 Technology Enabled Learning and Lifelong Self Learning of National Initiative for Technical Teachers Training	Technical Education	February 2023		-
57	Mr.S. Dhamodharan	Instructional Planning and delivery of National Initiative for Technical Teachers Training	Technical Education	July 2022	All India Council for Technical Education, AICTE, New Delhi	

58	Mr.S.Dhamodharan	Inculcating Universal Human Values in Technical Education	5 Days online FDP	05.12.2022-09.12.2022		-
59	Mr.S.Dhamodharan	Inculcating Universal Human Values in Technical Education	5 Days online FDP	19.12.2022 - 23.12.2022		-
60	Mr. Dhamodharan	Faculty in Universities/Colleges/Institutes of Higher Education”	Faculty Induction/orientation programme	20.01.2023-18.02.2023	Teaching Learning Centre, Ramanujan College, University of Delhi.	-
61	Mr. Dhamodharan	Module: 2 Professional Ethics & Sustainability of National Initiative for Technical Teachers Training	Technical Education	February 2023	All India Council for Technical Education, AICTE,New Delhi	-
62	Mr. Dhamodharan	Module: 5 Technology Enabled Learning and Lifelong Self Learning of National Initiative for Technical Teachers Training	Technical Education	February 2023		-

**8. Papers Published/ Presented in Journals & Conferences (Total Numbers Only) (July 2022 – June 2023)**

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	1	17	-	-	-	27	2	47

**9. Details (list) of Publication in National & International Journals & Conferences: (IEEE Format)**

**International Journal & National Journal**

- a) **SCI/Scopus Indexed Journal**
- b) **Other journals**

1. V. Roopa, R.B. Dharma, M.S. Haji Sheik Mohammed, and Irfan Navabshan, 'Durability and Microstructure Studies of Styrene Acrylate Co-polymer Modified Ready-mix Concrete, Journal of Structural Engineering, JoSE, Vol. 49, No.5, pp. 358 – 372, 2023. (Scopus)
2. V. Roopa, M.J. Abdul Latheef and M.S. Haji Sheik Mohammed, "Influence of mortar composition on flexural and impact performance of ferrocement panels for usage in secondary roofing", The Indian Concrete Journal, Vol. 96, No.8, pp.45-55, 2022.(Scopus)
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23. P Krithika, P Gajalakshmi, J Revathy, “Experimental and Analytical Study on Performance of Fiber-Reinforced Self-Stressed Concrete”, *Buildings*, Vol.13 (2), pp.385, <https://doi.org/10.3390/buildings13020385>, 2023.(Scopus)

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25. Sheik Farid, Muhammed Sahal Roshan T K, Ayisha Siddiqua M., “BIM –Based Problem-Solving Analysis of Construction related issues and clash”, *METSZET Journal*, Vol.8(4), pp.166-182,2023. (Scopus)
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27. Nisha Khanam, Charumathi M, Priya VS, Dhamodharan S, Roja R, Henry Daniel B.K, Roshan P and Subash V, “Comparative Study on air quality monitoring of stations in Chennai during pre and post –lockdown of Covid 19 Pandemic” *Metszet Journal* (ISSN: 2061-2710) Vol 8(7), pp.167-175, 2023.(Scopus)
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29. S.Thameez ahmed, K. Yogeswari and B. Kannadasan, “Real Time analysis of traffic at Perungalathur to Urapakkam”, *International Journal of Scientific Research in Engineering and Management* , Vol.6(7), pp.1- 10,2022.

**International Conference & National Conference:**

- a) **Conference with ISBN Proceedings**
- b) **Other Conferences**

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2. Logarajan, K. Yogeswari and Mr. B. Kannadasan, “Risk Assessment And Smart Management of Semi Urban Area – Manimangalam”, *Proceedings of International Conference on “Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022)*, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, pp. 47,(ISBN No. 978-81-19160-00-6).

3. B. Kannadasan and K. Yogeswari, “Modern Transportation Management System Based on Geospatial Technology For Chennai City”, Proceedings of International Conference on “Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, pp. 58,(ISBN No. 978-81-19160-00-6).
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5. Ayisha Sidiqqa M, Priya V.S, Sahid Salman A and Santhosh Kumar M (2022), “Recent Developments in the Synergistic Adsorption-Photo Catalysis Process for the Removal of Dyes”, Proceedings of International Conference on “Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, pp. 88,(ISBN No. 978-81-19160-00-6).
6. Anusha K and Priya V.S (2022) “Development of Grey Water Management System for B.S. Abdur Rahman Crescent Institute of Science And Technology”, Proceedings of International Conference on “Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai,pp.96,(ISBN No. 978-81-19160-00-6).
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9. I. Mohamed Abdul Azeem, V. Roopa and M.S. Haji Sheik Mohammed, “Study on Corrosion Initiation in Prestressing Strands exposed to Varied Cementitious Systems”, Proceedings of International Conference on Recent Advances in Sustainable Construction Technologies

- and Environment (ICRASCE-2022), B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, pp.49, (ISBN No. 978-81-19160-00-6).
10. Kanmani K, Vasanthi P, Maharajan N (2022), “Study of Various Soil Moisture Models using Synthetic Aperture Radar (SAR) Image”, International Conference on Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, pp.119. (ISBN 978-81-19160-00-6)
  11. Ayisha Sidiqqa M, Karpagam V, K. Kanmani, Mughil.I (2022), “Analysis of Geospatial Variations of Groundwater Quality in Semi Urban Region of Chennai”, International Conference on Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, pp. 86. (ISBN 978-81-19160-00-6)
  12. Asad EH, Jaganathan M, Kabilan SM, Girish Birgoudiar CSE and Ayisha Sidiqqa M (2022), “Analysis of water quality for Adyar river using physiochemical parameters”, Two Day Virtual International Conference on “Recent Advances in Sustainable Construction Technologies and Environment”, (ICRASCE-2022),pp.103, (ISBN 978-81-19160-00-6).
  13. Ibrahim Y., Padmanabhan V., Jagadeesh K, Manikanta K.A and Salma S.U.(2022), “A novel natural coagulant used in the treatment of textile dyeing effluent for green environment”, in proceedings of International Conference on Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), pp.98, (ISBN : 978-81-19160-00-6).
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  15. Manoj K.M., Priya A.K., Ibrahim Y., Nivedha N and Abirythiyann A.K.(2022), “Investigational study on strength of bricks using de-inking paper sludge”, in proceedings of International Conference on Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), pp.29, (ISBN : 978-81-19160-00-6).
  16. Muhammed Sahal Roshan T. K and Sheik Farid. A, “Analysis of Problems And Clash Detection In Construction Project Using BIM”, in Proceedings of International Conference on Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), pp.27, (ISBN : 978-81-19160-00-6)
  17. Dhamodharan S, Balaharaikaran, Ahmed akram, Dine darshan and Dinesh (2022), “Experimental study on paper waste solid blocks



with replacement of foundry waste as fine aggregates” in proceedings of International Conference on Recent Advances in Sustainable Construction Technologies and Environment (ICRASCE-2022), pp.26,(ISBN : 978-81-19160-00-6).

18. K.C. Vinu Prakash and K. Yogeswari,(2022), “Evaluation of Noise Pollution from Construction Equipment”, in National Conference on Materials and Sustainability in Civil Engineering (MSCE’2022).

#### 10. Book(s) Published.

S.No	Name of the Faculty	Name of the Book / Chapter Details	Cost of the book		Name of the Publisher, country & Month of publication	Availability status
			Rs	\$/€		
1.	Dr.Haji Sheik Mohammed, M.S., Ms.Roopaa, V. (2022),	Cement Polymer Anticorrosive Coating on Steel Rebars: A Feasible Solution for Corrosion Prevention in Small Scale Projects. In: Kamachi Mudali, U., Subba Rao, T., Ningshen, S., G. Pillai, R., P. George, R., Sridhar, T.M. (eds) A Treatise on Corrosion Science, Engineering and Technology, Indian Institute of Metals Series,	-	149.99 €	Springer, Singapore. <a href="https://doi.org/10.1007/978-981-16-9302-1_16">https://doi.org/10.1007/978-981-16-9302-1_16</a> May 2022	Yes
2.	Dr.K.Yogeswari	Accomplishing Smart Transportation System for Chennai: Problems and Issues		45.00 \$	RM Research International Pvt Ltd, Singapore August 2023	Yes

### 11. Patents (Obtained / Applied)

S.No	Details of the Faculty & Affiliation	Title of Patent	Details of Patents			Details of Financial Assistance from Institution
			Filed	Published	Granted	
1.	Dr. M.S. Haji Sheik Mohammed, Professor & Dean (Sol)	A Synergistic Composition for Inhibiting Corrosion in Reinforced Concrete Structures (Patent No. 426074)	01.03.2022	11.03.2022	21.03.2023	Rs. 8,740 (Patent filing fee)

### 12. Details of Impact Factor of the Publication and H-Index of the department

- A) Average impact factor – 2.849
- B) H-Index - 12
- C) No. In Scopus -8 (as per calendar year)

### 13. Sponsored Research (Ongoing / Granted)

S. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Sanctioned (in Lakhs)	Current Status
1.	Dr. Amlan Kumar Sengupta and Dr.Radhakrishna G.Pillai (IIT, Madras) and <b>Dr.M.S.Haji Sheik Mohammed (BSACIST)</b>	Science & Engineering Research Board (SERB)	Structural Behaviour of Corroding Prestressed Concrete Systems and Extension of Service Life using Cathodic Protection	Rs. 39.6	Completed

2.	Dr. Radhakrishna G.Pillai (IIT, Madras), <b>Dr. M.S. Haji Sheik Mohammed (BSACIST)</b> and Dr.Dhanya B.S. (RIT,Kottayam)	M/S. Vector Corrosion Technologies, Canada, M/s. Radhe Structorepair Pvt. Ltd., Ahmedabad & M/S. Trade Winds, Chennai.	Evaluation of Sacrificial anode Cathodic Protection (SACP) systems for Reinforced Concrete Applications	Rs. 9.912	Ongoing
3.	Ms. V. Roopa (BSACIST) Mentor : Dr.Radhakrishna G. Pillai (IIT Madras)	Science & Engg. Research Board (SERB) –TARE	Corrosion Protection and Service life Extension of Reinforced Concrete Roofing Systems in Existing Buildings	Rs. 18.30	Completed
4.	Dr. J. Revathy and Dr. P.Gajalakshmi (BSACIST)	Research Promotion Scheme AICTE, New Delhi	Seismic behavior of light weight concrete filled. FRP tubular columns	Rs. 2.00	Completed
5.	<b>Dr. M.S. Haji Sheik Mohammed and Ms. V. Roopa (BSACIST)</b> & Dr. Sakhiah Abdul Kudus, Prof. Dr. Zakiah Ahmad TS. Dr. Nur Kamaliah Mustaffa TS. Dr. Adiza Jamadin (Universiti Teknologi Mara, UiTM,Malaysia)	International Collaborative Research Project under Mutual Funding Scheme	Influence of Chemical and Mineral Admixtures on the Performance of Galvanized Steel Rebars.	Rs.10.59	Ongoing

#### 14. Details of new Research Laboratories Created

S.No	Name of the Lab	Details of Infrastructure		Value of Equipment procured in the Financial Year 2022-23 (Rs.)
		Land (sq.ft)	Construction Space (sq.ft)	
1.	Centre for Prevention and Control of Corrosion in Concrete Structures (PC3S)	450	230	Rs. 13.92 Lakhs

### 15. Details of Major Equipment Purchased (Financial year 2022-23)

S.No	Name of the Equipment	Make & Country	Date of purchase	Date of installation	Amount in Rs
1.	Potentiostat Galvanostat	Autolab & Metrohm India Pvt. Ltd., Chennai	February 2023	18.03.2023	Rs.13,92,601/-

### 16. Achievements of Faculty & non-teaching staff

S.No	Name of the Faculty/ non teaching Staff	Type of recognition/Award	Details of Achievements & Organizing / Awarding organization	Month & Year
1.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Technical talk on “Cathodic Protection: Galvanisation vs. Sacrificial Anodes” in Two days Workshop on Electrochemical Corrosion Techniques: Theory And Hands On Training	Department of Civil Engg. & Chemistry, BSACIST, AMPP India Section & NIGIS SZ	17.03.2023 &18.03.2023
2.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Reviewer for International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA – 2023)	SRM Institute of Science and Technology, Kattankulathur, Chennai	09.03.2023-11.03.2023
3.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Master Awards	IIT Bombay – Spoken Tutorials	04.03.2023

4.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Technical talk on “Performance of Galvanized Rebars” in the International workshop on Corrosion Control in Concrete Structures (C3S)	IIT Madras	30.01.2023
5.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Delivered a Technical lecture on ‘Galvanized Steel Rebars for Sustainable and Durable Reinforced Concrete Construction’ in the Six Day Workshop on Emerging Trends and Applications in Civil Engineering	SRM Institute of Science and Technology, Kattankulathur. Chennai	05.01.2023
6.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Delivered a keynote address on ‘Durable RC Construction: Need for Corrosion Protection and Waterproofing’ in the technical meet.	Association of Consulting Civil Engineers (India), Fosroc Chemicals (I) Pvt. Ltd. And Trade winds, Chennai	14.10.2022
7.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Resource person and delivered a technical talk on ‘Concrete Design, Properties, Deterioration Mechanisms and Prevention Methods’ in the 3-day workshop on Concrete Designing, Performance Evaluation and Characterization Techniques.	Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science & Technology	15.09.2022-17.09.2022
8.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Technical webinar on ‘Sustainable and Durable Reinforced Concrete Structures’	Paavai Engineering College, Namakkal	17.08.2022
9.	Dr. M.S. Haji Sheik Mohammed, Dean/SOI	Delivered a technical talk on ‘Galvanized Steel Rebars for Durable Reinforced Concrete’ International Conference on	India Lead Zinc Development Association (ILZDA), Nagpur,	25.07.2022-27.07.2022



		Galvanizing & Zinc Spraying – New Technologies, Emerging Markets and Circular Economy.		
10.	Dr.M.S. Haji Sheik Mohammed, Dean/SOI	Delivered a technical talk on “Galvanized Steel Rebars for Durable and Sustainable Reinforced Concrete” in the IEI Technical Webinar on ‘Applications of Sustainable Concrete in Modern Constructions’	The Institution of Engineers (India) – Kancheepuram Local Centre in association with B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai	06.07.2022
11.	Dr. M.S. Haji Sheik Mohammed, Dean/SOI	Awarded Outstanding Concrete Teacher Award 2002	Indian Concrete Institute – Chennai Centre	22.11.2022
12.	Dr. M.S. Haji Sheik Mohammed, Dean/SOI	Chairperson, RCC Symposia, International Conference & Expo on Corrosion (CORCON 2022)	AMPP – NIGIS, Mumbai.	19.09.2022 – 22.09.2022
13.	Dr .M.S. Haji Sheik Mohammed, Dean/SOI	Participated in the Continuous Galvanized Rebar working group meeting at BIS Head Quarters, New Delhi	Bureau of Indian Standards, New Delhi	17.02.2023
14.	Dr. P. Vasanthi	Delivered a Technical lecture on the topic of Solid waste Management	Technical and Skill Training to officials of RD&PR Department, organized by State Institute of Rural Development (SIRD) Tamil Nadu	December 2022 to March 2023
15.	Dr. J. Revathy	Delivered a Technical lecture on the topic Advanced Building Construction & Technologies		December 2022 to March 2023
16.	Dr.P. Gajalakshmi	Delivered a Technical lecture on the topics of Design concepts of Retaining walls check dams,		December 2022 to March 2023

		culverts, and small bridges		
17.	Dr.K. Yogeswari	Delivered a Guest Lecture on “Advancement in Highway Engineering”	KCG College of Engineering	18.03.2023
18.	Dr.K. Yogeswari	Chaired the Technical Session A2 in International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA – 2023)	SRM Institute of Science and Technology, Kattankulathur.	09.03.2023-11.03.2023
19.	Dr.A.K. Kaliluthin	Delivered a Technical lecture on the topic “Good Practices in Construction”	Technical and Skill Training to officials of RD&PR Department, organized by State Institute of Rural Development (SIRD) Tamil Nādu	December 2022 to March 2023
20.	Dr. Nisha Khanam	Delivered a Technical lecture on Rain Water Harvesting	Technical and Skill Training to officials of RD&PR Department, organized by State Institute of Rural Development (SIRD) Tamil Nadu	December 2022 to March 2023
21.	Dr.N.S. Shafeer Ahamed	Delivered a Technical lecture on Advanced Construction Materials		December 2022 to March 2023
22.	Ms.K. Kanmani	Delivered a Technical lecture on Advanced Surveying		Dec 2022 to March 2023
23.	Ms.M.Ayisha Siddiqua	Delivered a webinar on the topic GATE 2023- Environmental Engineering	Department of Civil Engineering Sairam Engineering College West Tambaram, Chennai	02.11.2022
24.	Mr.Y.Ibrahim	Delivered a Technical lecture on the topic Solid waste management	Technical and Skill Training to officials of RD&PR Department, organized by State Institute of Rural Development (SIRD)	Dec 2022 to March 2023

			Tamil Nadu	
25.	Ms.K.Kanmani, Dr.Nisha Khanam, and Dr.Vasanthi Padmanabhan	Winners in IIT Bombay FOSSEE Mapathon 2023	IIT Bombay in Association with IIT Tirupati Navavishkar I-Hub Foundation, the Rural Data Research and Analysis Lab, IIT Bombay, and the Tamil Nadu Skill Development Corporation, Government of Tamil Nadu.	February 22 <sup>nd</sup> to May 06 <sup>th</sup> , 2023.

### 17.Achievements of Students

S.No	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Mr.Y. Mohammed Asif Final year M.Tech. Structural Engineering	211202601013	Placement	M/s. L & T Construction Pvt Ltd, Chennai with a salary package of Rs.6.25 LPA	April 2023
2.	Ms. R. Roja Final year B.Tech. Civil Engineering	190011601029	Placement	M/s. Mahindra Life Spaces, Chennai with a salary package of Rs.6 LPA.	April 2023
3.	Mr. Logeswaran Final year M.Tech – Construction Engineering & Project Management,	212202601005	Placement	M/s. Prism RMC Complete Concrete Solutions Pvt Ltd, Mumbai with a salary package of Rs.4.25 LPA	April 2023
4.	Ms. S. Akila Final year M.Tech. Structural Engineering	211202601002	Project internship with a stipend of Rs. 25,000	M/s. Mahindra Consulting Engineers Ltd., Chennai	Feb. 2023

### 18. Developmental Activities of the Department (for branding/knowledge dissemination etc.)

S.No	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1.	Development of New Code of Continuous Galvanized (CG) Rebars	2022-23	Dr. M.S. Haji Sheik Mohammed, Dean, School of Infrastructure	Contribution to the Society & Nation through development of new code	Draft code on CG Rebars is finalized by BIS
2.	Chairperson in the RCC Symposia in International Conference on Corrosion, CORCON 2022	19-22, September 2022	Dr. M.S. Haji Sheik Mohammed, Dean, School of Infrastructure	Sharing expertise knowledge in reviewing of technical articles, and organizing symposia	Obtained wide Industry connect, and also branding to Department and Institution
3.	Coordinator, International workshop on “Corrosion Control in Concrete Structures”	30.01.2023	Dr. M.S. Haji Sheik Mohammed, Dean, School of Infrastructure	Sharing of expertise knowledge & organizing workshop	Obtained wide Industry & Academia connect, and also branding to the Institution

### 19. Industry / Institute Collaboration

S.No	Name & Detail of Industry	Type of Collaboration	Month & Year of commencement	Status	Outcome
1.	Larsen and Tourbo, Private Limited, Chennai (L & T EduTech)	Teaching emphasizing on practical aspects & Industry case studies	July – December 2022	Ongoing	39 Students got benefitted by pursuing the course ‘Sustainable Design of Buildings’ through L & T EduTech

2	CSIR- Central Building Research Institute (CBRI), Roorkee	M.Tech – Project work	January – June 2023	Completed	One student from M.Tech. 2021-23 batch completed research project work titled “Structural Evaluation of Impact Drone Reinforced Concrete Column”
3.	Universiti Teknologi Mara (UiTM), Malaysia	Collaborative Project under Mutual Funding Scheme	September 2022	Ongoing	Research Collaboration & Joint Publication

## 20. Professional Society Activities

S.No	Name of the Society	Type of activity	No. of Participants			Details of Guest speaker	Outcome
			Faculty	Student	Others		
1.	Society of Civil Engineers	Inauguration of Activities of Societies on (20.10.2022)	17	143	-	Mr.S. Janakumaran, Project Director, National Highway Authority of India, Chennai	Knowledge on National Highway projects & Transportation Engineering
2.	Society of Civil Engineers	Guest Lecture on “Importance of Geotechnical Engineering – Need for Learning” (24.11.2022)	3	39	-	Dr.V. Balakumar, Geotechnical Consultant, Chennai	Significance of Geotechnical Engineering profession



3.	Society of Civil Engineers	Guest Lecture on “Practical Applications and Scope of Structural Engineering in various Industries” (28.11.2022)	5	78	-	Er. D. Surendar, Deputy Manager, Chennai Metro Rail Limited, Chennai	Significance of Structural Engineering Profession in core and allied industries
4.	Society of Civil Engineers	Guest Lecture on “21 <sup>st</sup> Century Trends and Advances in Research and Education” (28.12.2022)	4	40	-	Dr. M. Arockiasamy, Professor & Director, Centre for Infrastructure & Constructed Facilities, Florida Atlantic University	Advancement in Civil Engineering profession & opportunities for higher studies abroad
5.	Society of Civil Engineers, Student Chapters of ASCE, & ICI	National Level Technical Symposium CIVICLAN 2023	16	95	120	Er. R. Ravishankar, Regional Manager, South India, Pidilite Industries Ltd, Chennai.	Various scope for Civil Engineers in India and abroad

### 21. MoAs Signed

S.No	Name of the Industry / Research organization / Institute	Type of Collaboration	Details of MoU			Outcome	Current status
			Day	Month	Year		
1.	Universiti Teknologi Mara (UiTM), Malaysia	Research Collaboration under Mutual Funding Scheme	-	Sept	2022	Both the Institutes work on specific objectives. Two review meetings over.	Ongoing

## 22. Extension Activity Conducted

S.No	Type of extension activity	No. of Participants		Details of beneficiaries	Programme duration	Outcome
		Faculty	Student			
1.	Technical webinar on "Application of Sustainable Concrete in Modern Construction" in collaboration with IEI (I)	12	59	B. Tech. Students, Faculty & Industry	06.07.2022	Helped the participants to understand the applications of concrete in modern construction for the sustainable development.

### 23. Important Visitors

S.No	Name of the visitor	Affiliation Details	Details of visit (Date/duration & purpose)	Outcome
1.	Er.M. Vasudevan	Superintending Engineer, PWD, Planning & Development Circle, Chepauk, Chennai	Chief Guest for Engineer's Day (15.09.2022)	Government Sector Collaboration
2.	Mr.S. Janakumaran	Project Director, National Highway Authority of India, Chennai	Chief Guest for Inauguration of Society Activities of Civil Engineers (20.10.2022)	Industry Collaboration
3.	Er.D. Surendar	Deputy Manager, Chennai Metro Rail Limited, Chennai	Guest Lecture (28.11.2022)	Industry Collaboration
4.	Dr.D. Elango	FIE, National Council Member & Chairman IE(I)-Kancheपुरam Local Centre	Resource person for Seminar (15.02.2023)	Professional Society Collaboration
5.	Dr.T.Selvakumar	Retd.Engineer (CMWSSB) and Research Consultant, Chennai	Resource person for Seminar (15.02.2023)	Industry Collaboration
6.	Dr.Suneethi Sundar	Research Scientist, Water & Effluent Treatment IC, L&T Construction, Chennai	Resource person for Seminar (15.02.2023)	Industry Collaboration
7.	Er.R.Ravishankar,	Regional Manager, South India, Pidilite Industries Ltd, Chennai	Chief Guest for National Level Technical Symposium (CIVICLAN 2K23) (16.03.2023)	Industry Collaboration
8.	Dr. M. Joseph	Former Director Material Chemistry & Metal Fuel Cycle, IGCAR, Kalpakkam	Resource person for Workshop (17.03.2023)	Industry Collaboration
9.	Dr. A. Poonguzhali	Scientific Officer(F), CSTD Indira Gandhi Centre for	Resource person for Workshop (17.03.2023)	Industry Collaboration

		Atomic Research (IGCAR), Kalpakkam.		
10.	Dr. S. Rangarajan	Former Head, Water and Steam Chemistry Division, BRCF, Kalpakkam.	Resource person for Workshop (17.03.2023)	Industry Collaboration
11.	Dr. S. Ningshen	Head, CSTD, & CEPS, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam	Resource person for Workshop (17.03.2023)	Industry Collaboration
12.	Dr. S. Ramanathan	Professor, Department of Chemical Engineering, IIT Madras	Resource person for Workshop (18.03.2023)	Academic Collaboration
13.	Dr. Raman Vedarajan	Scientist, Centre for Fuel Cell Technology, International Advanced Research Centre for Powder Metallurgy & New Materials, Chennai	Resource person for Workshop (18.03.2023)	Research Institute Collaboration
14.	Dr. P.T. Ravichandran	Professor & Head, S.R.M University, Chennai.	Resource person for Seminar (23.05.2023)	Academic Collaboration
15.	Er. Madan Kumar	Head of Engineering, Keller India, Chennai.	Resource person for Seminar (24.05.2023)	Industry Collaboration
16.	Dr. Sivapriya S.V	Associate Professor, S.S.N Institutions, Chennai.	Resource person for Seminar (23.05.2023)	Academic Collaboration
17.	Dr. S. Bhuvaneshwari	Associate Professor, S.R.M University, Chennai.	Resource person for Seminar (23.05.2023)	Academic Collaboration

18.	Dr. V. Balakumar	Senior Consultant, Simplex Infrastructure Limited, Chennai.	Resource person for Seminar (24.05.2023)	Industry Collaboration
19.	Er. M. Kumaran	Head - Engg & Tech, L&T Geo Structure, Chennai.	Resource person for Seminar ( 24.05.2023)	Industry Collaboration
20.	Mr.Jagatheeswaran Neethivarman	Functional Consultant Infinity PMC Solutions Pvt. Ltd.	Resource person for Seminar (03.06.2023)	Industry Collaboration

**24. Photographs with relevant captions for Important Activities**



**Dr. M.S. Haji Sheik Mohammed receiving Out Standing Concrete Teacher Award (22.11.2022)**



**Dr. M.S. Haji Sheik Mohammed receiving Masters Award of IIT Bombay ST (04.03.2023)**





**Dr. M.S. Haji Sheik Mohammed at Manak Bhavan, BIS Headquarter, New Delhi during Participation in “GC Rebar” committee meeting (17.02.2023)**

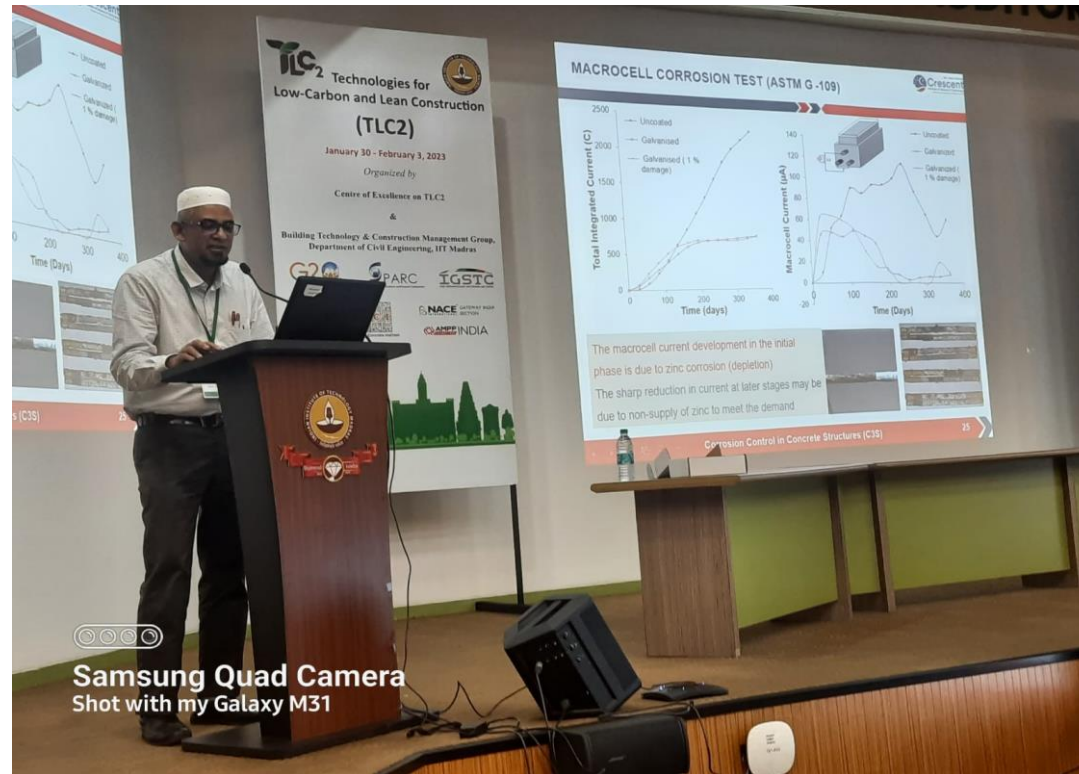


**Survey Camp at Yelagiri (20.02.23 – 25.02.23)**



**Dr. M.S. Haji Sheik Mohammed was acted as Chairman, RCC Symposia, CORCON 2022 (19-22, Sep. 22)**





**Dr. M.S. Haji Sheik Mohammed gave Technical Lecture in the C3S workshop at IIT Madras (30.01.23)**



Samsung Quad Camera  
Shot with my Galaxy M31

**Dr. M.S. Haji Sheik Mohammed with speakers of C3S workshop at IIT Madras (30.01.23)**