



B.S. Abdur Rahman™

# Crescent

Institute of Science & Technology

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

## SCHOOL OF INFRASTRUCTURE DEPARTMENT OF CIVIL ENGINEERING

**ACADEMIC  
YEAR  
2020-2021**

# **CRESCENT CIVILIANS REPORT**

### **STUDENT COORDINATORS**

Dharma R B  
Shabbir Akbari  
B.Tech (2017 -2021)

### **FACULTY COORDINATOR**

Ms.R.Elakya  
Assistant Professor

**SCHOOL OF INFRASTRUCTURE**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**ACADEMIC YEAR 2020 - 21**

**Name of the Department: Civil Engineering**

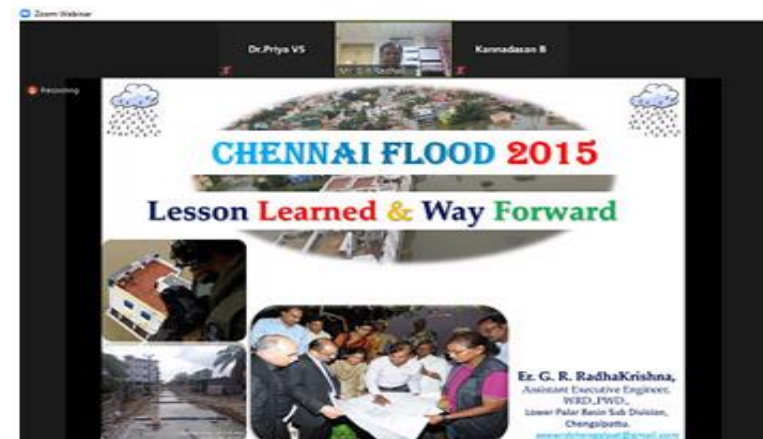
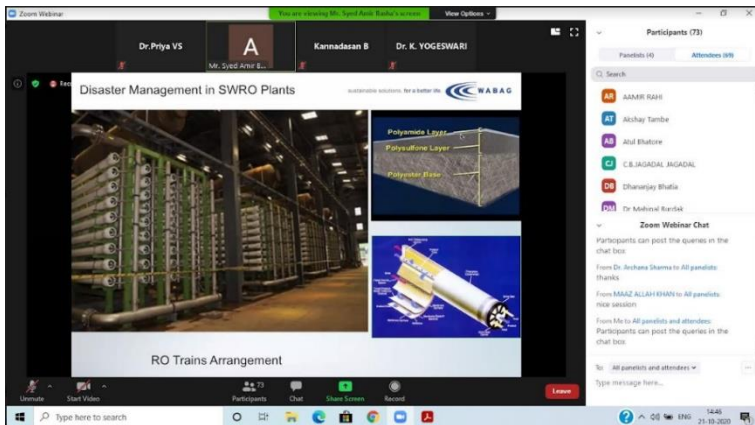
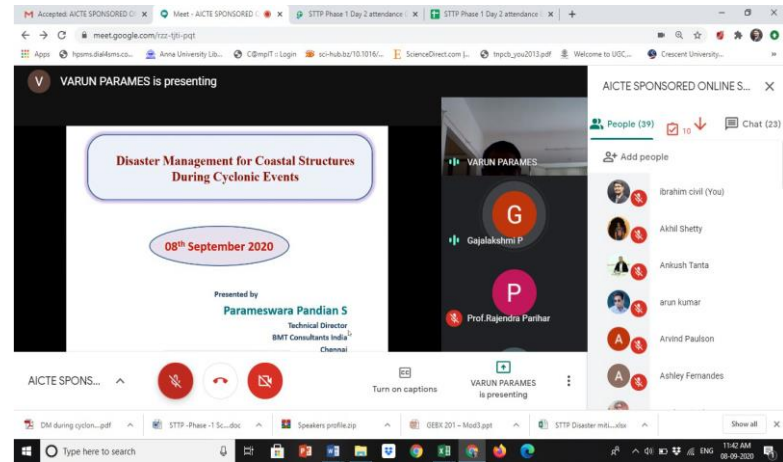
**Name of the School: School of Infrastructure**

**1. Training Programmes Offered**

Sl. No.	Name of the programme	Duration (From –To)	Programme Duration (Hrs)	Details of Collaborating Agency	Details of Participants		
					Students	Faculty	Others
1.	Short Term Training Programme (STTP) – Disaster mitigation: A shift from disaster management towards disaster preparedness (Phase-1)	07.09.2020 - 12.09.2020	68	AICTE, New Delhi	12	52	-
2.	Short Term Training Programme (STTP) – Disaster mitigation: A shift from disaster management towards disaster preparedness (Phase-2)	19.10.2020 - 24.10.2020	68	AICTE, Newdelhi	14	53	-
3.	Short Term Training Programme (STTP) – Disaster mitigation: A shift from disaster management towards disaster preparedness (Phase-3)	16.11.2020 - 21.11.2020	68	AICTE, New Delhi	14	57	-
4.	Value added course on Virtual Design and Construction	14.06.2021- 26.06.021	30	De Novo Software Solutions	16	-	-

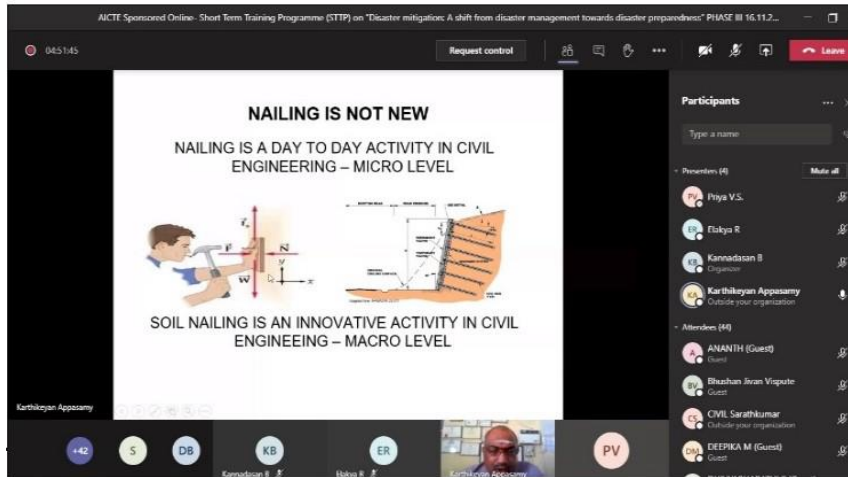


**Short Term Training Programme (STTP) – “Disaster mitigation: A shift from disaster management towards disaster preparedness” (Phase-1)**

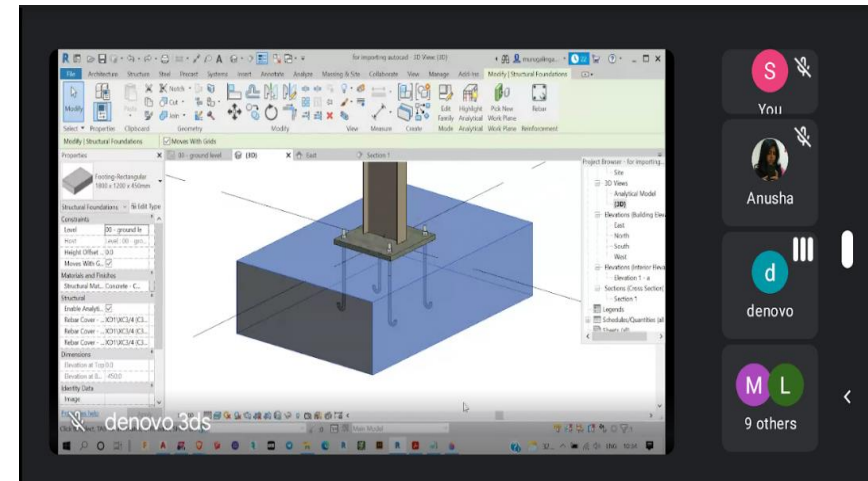
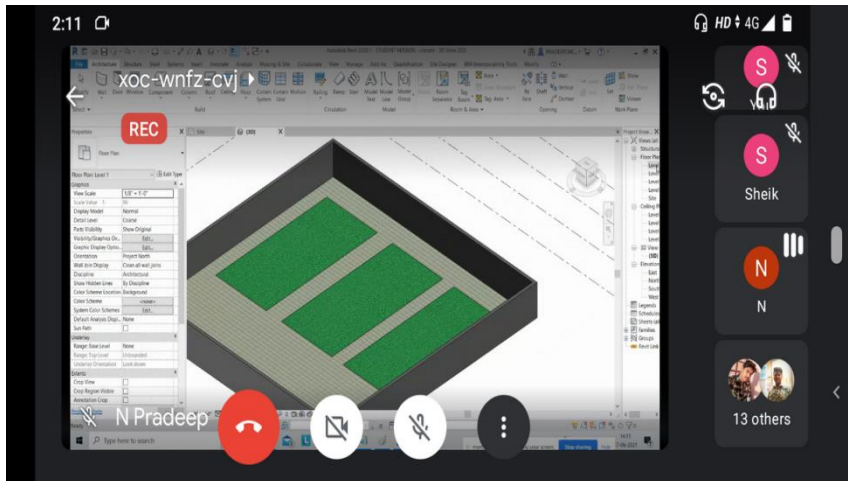


**Short Term Training Programme (STTP) – “Disaster mitigation: A shift from disaster management towards disaster preparedness” (Phase-2)**





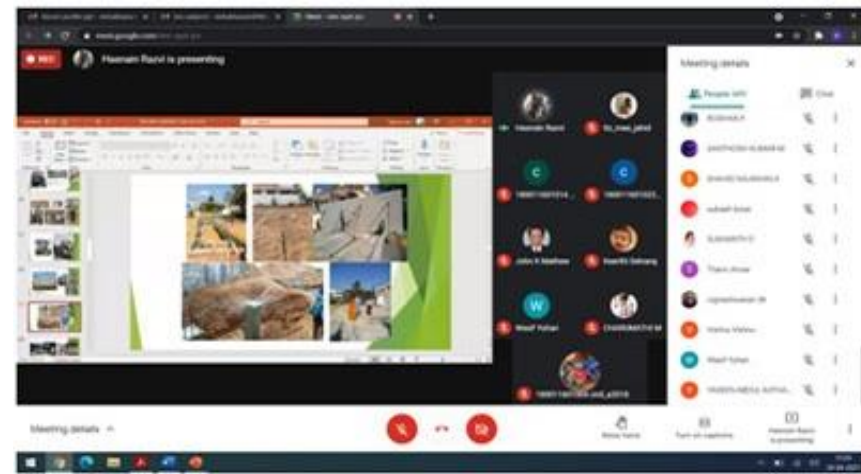
**Short Term Training Programme (STTP) – “Disaster mitigation: A shift from disaster management towards disaster preparedness” (Phase-3)**



**Value added course on “Virtual Design and Construction”**

## 2. Interdisciplinary Programmes Conducted

Sl. No.	Name of Programme	Other departments involved	Details of Participants			Programme Outcome
			Students	Faculty	Others	
1.	Webinar on Journey as an Entrepreneur in Civil Engineering Field	Office of Alumni Relations	56	2	-	Provided an excellent perspective to the students in understanding the qualities and skills required for an entrepreneur to succeed in their field, by exemplary work quality and on-time delivery.



Webinar on Journey as an Entrepreneur in Civil Engineering Field

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

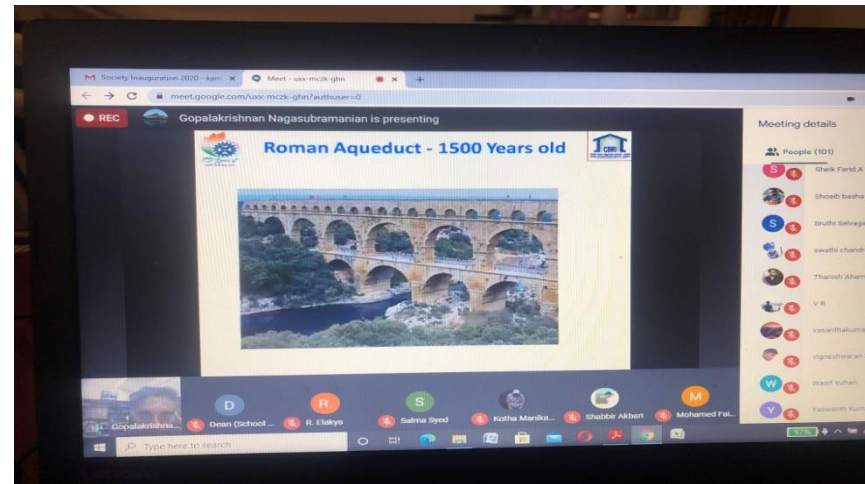
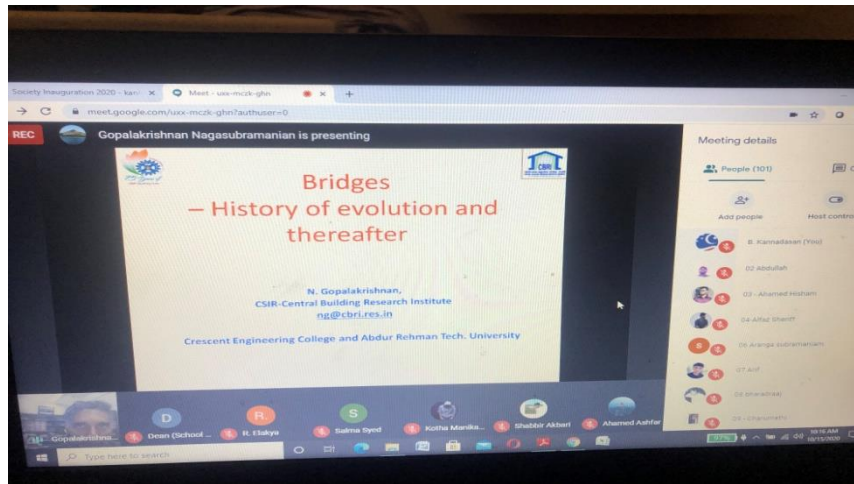
Sl. No.	Name of the programme	Type of Programme	Duration From - To	Details of Collaborating Agency	Details of Keynote Speakers	Details of participants			
						BSACIST		Other Institution	
						Faculty	Students	Faculty	Students
1	Overview of finite element method used in software analysis packages	Webinar	10.08.2020	-	Dr. R. Santhakumar. Professor, NITTTTR, Chennai	3	16	-	-
2	Bridges & its Protective Measures	Webinar	27.08.2020	-	Er. M. Ravikumar, Deputy General Manager (Structural Division), L & T Infrastructure Development Projects Limited, Chennai	2	40	-	-
3	Bridges – History of Evolution and thereafter	Lecture in Inauguration of Society of Civil Engineers	15.10.2020	-	Dr. N. Gopalakrishnan Director / Scientist CSIR- Central Building Research Institute (CBRI), Roorkee	15	70	-	-
4	Talk 1: Importance of PMI	Lecture in Establishment and Inauguration of first	16.03.2021	Project Management Institute, PMI Chennai	Dr.B. Shyam Sundar, Associate Vice President- Academia, Vice Chair – Academic	15	54	-	-

	Talk 2: Role of project Management in Engineering and Construction	academic forum in Tamilnadu “PMI Chennai – Crescent Academic Forum”		chapter, Tamilnadu	Forum, PMI, Chennai Chapter  Mr. Tony Jacob, PMP and Associate Vice President, E & C Forum, PMI, Chennai Chapter				
5	Rain Water Harvesting for Urban Areas	Webinar	22.03.2021	-	Dr.Sekhar Raghavan, Director, Rain Centre, Adyar, Chennai	3	80	-	-
6	Career Opportunities in Civil Engineering	Webinar	12.04.2021	-	Dr. Leon Raj, Scientist from CSIR-North East Institute of Science & Technology, Jorhat, Assam	2	41	-	-
7	Hands on training on STAAD Pro. Software (polytechnic students)	Workshop	15.05.2021	-	Dr.P.Gajalakshmi, Professor, Department of Civil Engineering. BSACIST Mr.A.Manivannan, Assistant Professor, Department of Civil Engineering. BSACIST	-	-	-	22
8	Hands on training on STAAD Pro. Software (B.Tech./B.E Final year students)	Workshop	22.05.2021	-	Dr.P.Gajalakshmi, Professor, Department of Civil Engineering. BSACIST Mr.A.Manivannan, Assistant Professor,	-	-	-	25



					Department of Civil Engineering. BSACIST				
9	Civil in Power Sectors	Lecture in National Level Technical Symposium "CIVICLAN 2K21"	26.05.2021	-	Er. R. Gowthaman, Additional Chief Engineer Civil (Retd.), Tamil Nadu Electricity Board Chennai	6	45	-	94
10	Talk 1: Green Buildings- The way of life Talk 2: Climatic change and Pandemic issues	Webinar series - "World Environment Day" celebration	03.06.2021	-	Dr C. Velan, City Head – Chennai Operations. Mr. Sundarrajan G, Core member of Poovulagin Nanbargal	8	48	-	-
11	Webinar on Digital learning	Webinar	05.06.2021	-	Dr. J. Mangayarkarasi, Dean of Academic Affairs & Head, PG and Research Department of English, Ethiraj College for Women, Chennai.	4	-	-	25
12	Webinar on Career Advancement for Diploma Students in Civil Engineering	Webinar	17.06.2021	-	Er. K.K. Shanmugavel, Senior Section Engineer, Southern Railways, Ramanathapuram	4	-	-	125
13	Workshop on Concrete Mix Design	Workshop	26.06.2021	-	Mr.R.Sivaramakrishnan, Technical Manager, JK white Cement	12	-	-	25

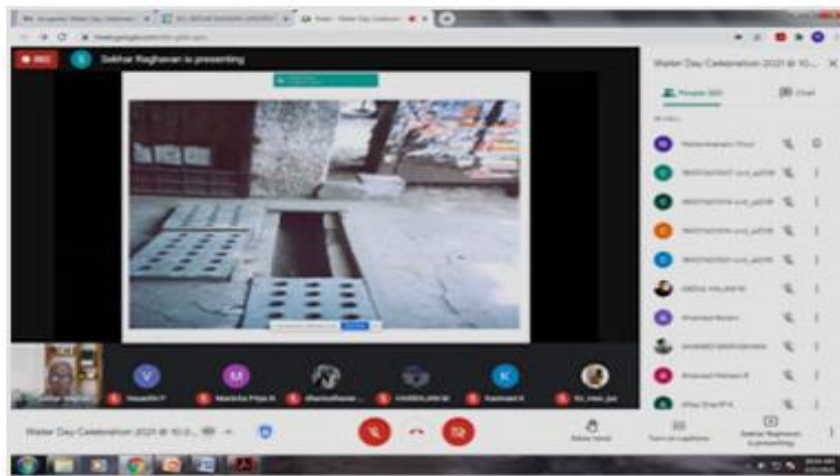
					Dr.M.Purushothaman, Associate Professor, Department of Civil and Structural Engineering, Annamalai University.				
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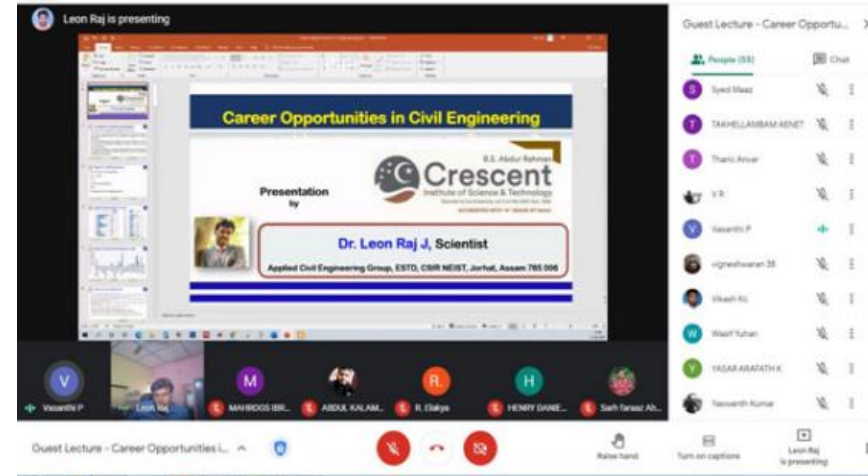
**Inauguration of Society of Civil Engineers**



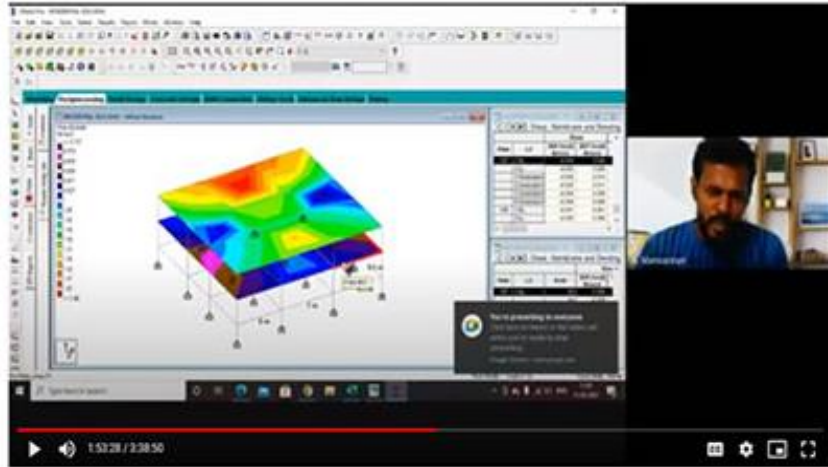
Inauguration of first academic forum in Tamilnadu “PMI Chennai – Crescent Academic Forum”



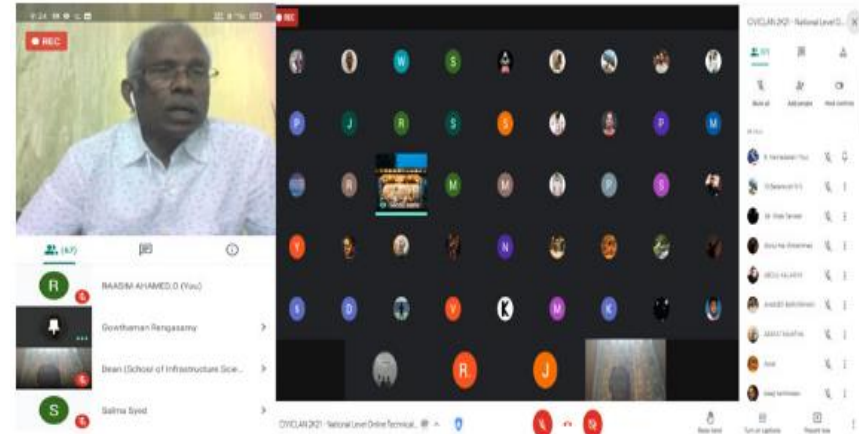
Webinar on Rainwater Harvesting for Urban Areas



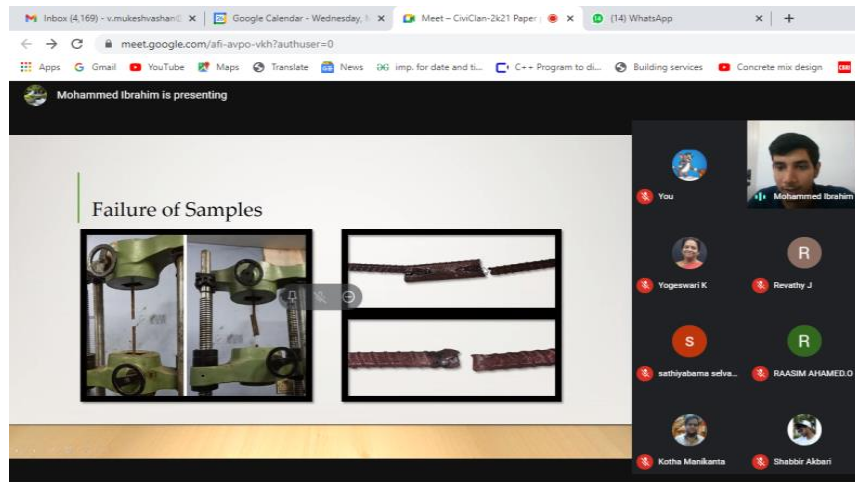
Webinar on Career Opportunities in Civil Engineering



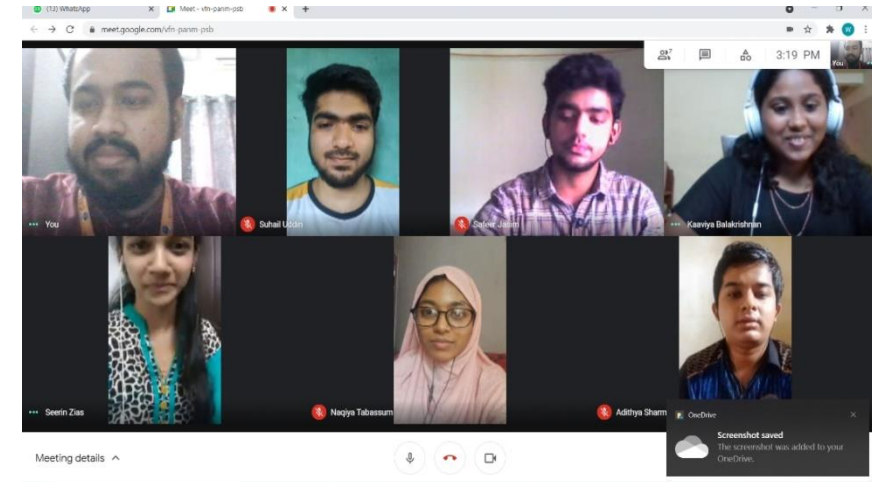
**Workshop on STAAD Pro. Software**



**Inauguration of CIVICLAN 2K21 – National Level Technical Symposium**

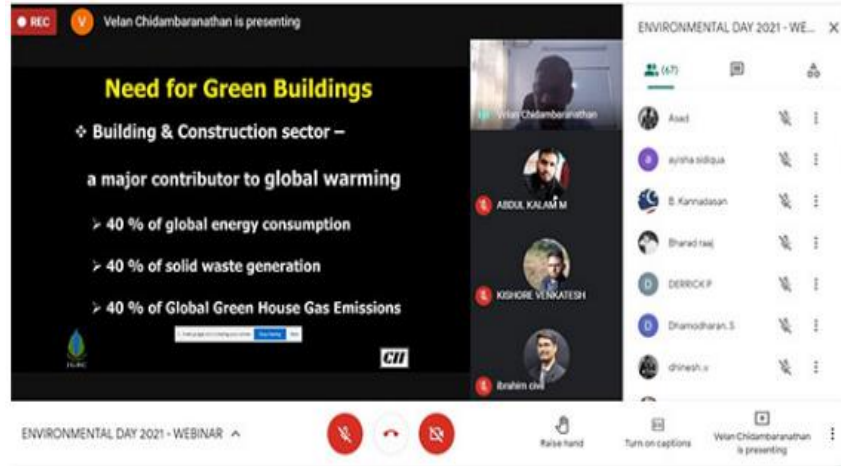


**CIVICLAN 2K21 – Technical Events**



**CIVICLAN 2K21 – Non-Technical Events**

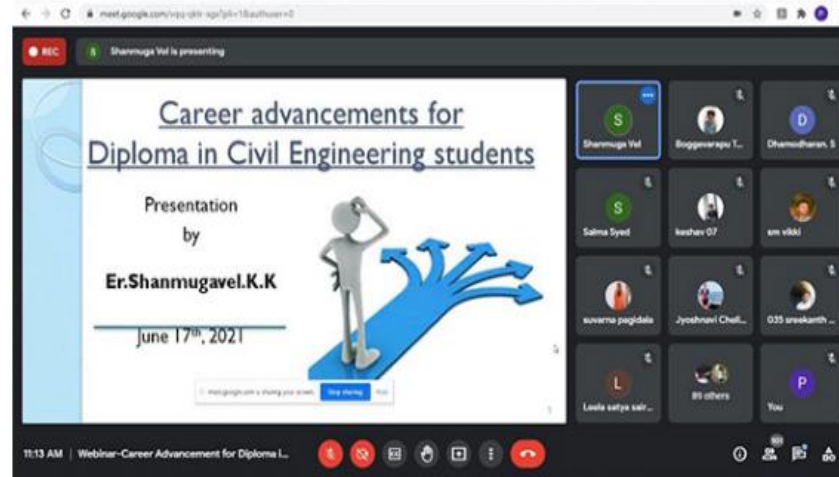




Webinar series - “World Environment Day” celebration



Webinar on Digital learning



Webinar on Career Advancement for Diploma Students in Civil Engineering



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

<b>Sl. No</b>	<b>Name of Activity</b>	<b>Duration</b>	<b>Details of financial support received from Institution</b>	<b>Remarks</b>
1.	Inauguration of PMI Chennai, Crescent Academic Forum	16.03.2021	Rs. 3228	-
2.	Webinar on Career Opportunities in Civil Engineering	12.04.2021	Rs. 2000	-
3.	Consultative Meeting	13.05.2021	Rs. 20000	-
4.	CRESWIZARD 2021 – National Level Science Quiz Contest	08.05.2021	Rs. 3250	-
5.	National Level Technical Symposium “CIVICLAN 2K21”	26.05.2021	Rs. 19000	-
6.	Webinar on Digital learning	05.06.2021	Rs. 2000	-
7.	TECHNICAL QUIZ CONTEST (For Diploma in Civil Engineering students)	14.06.2021	Rs. 8000	-
8.	Webinar on Career Advancement for Civil Engineers	17.06.2021	Rs. 2000	-
9.	Virtual workshop on Mix design of Concrete	26.06.2021	Rs. 4000	-

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

Sl. No.	Name of the faculty	Name of the programme	Type of Programme	Duration From - To	Organizing Agency	Details of Sponsorship amount received (Rs)
1.	Dr. P. Vasanthi	Orientation Training Programs for Mentors	FDP	14.06.2021-18.06.2021	AICTE, New Delhi	-
2.	Dr. M.S. Haji Sheik Mohammed	National Webinar on Use of Innovative Materials for Concrete Applications	Webinar	29.05.2021	ICI, Chennai Chapter and IIT Madras in association with UltraTech Cement.	-
3.	Dr.A.K.Kaliluthin	Three days FDP on "Research Paper Drafting, Funding & Patent Methodologies"	FDP	02.07.2020 - 04.07.2020	Dr. N.G.P. Institute of Technology, Coimbatore	-
		FDP on Moodle Learning Management system	FDP	02.07.2020 - 08.07.2020	Government Arts and Science College, Thiruvannainallur	-
		International Conference on Emerging Research trends in Structural Engineering	International conference	16.07.2020 - 17.07.2020	VIT Chennai	-
		Urban Frameworks for Indian Cities	Webinar	22.07.2020	Adithya Institute of Technology	-

		Online Training Program on CRESCENT LMS	Webinar	04.08.2020	Office of Data Centre and Office of Dean Academic Affairs, BSACIST	-
		STTP on Disaster Mitigation - A Shift from Disaster Management towards Disaster Preparedness	Short term Training Programme	19.10.2020 - 24.10.2020	B.S.Abdur Rahman Crescent Institute of Science and Technology	-
		Online Workshop on Social Entrepreneurship, Swachhta & Rural Engagement for Higher Educational Institutions	Workshop	27.10.2020	Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India	-
		Webinar on Sustainable Ecosystem Restoration Initiatives & Practices (SERIP 2021) held in the view of World Environment Day 2021	Webinar	05.06.2021- 07.06.2021	National Institute of Technology Silchar, Assam	-
		National Webinar on "Implementation of NEP 2020 in HEI's"	Webinar	16.06.2021	Internal Quality Assurance Cell (IQAC) of B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.	-
4.	Dr.Nisha Khanam	Sustainable infrastructure for the 21st Century - Doing more with less"	Webinar	03.07.2020	Dr. Grant Wright ,School of Energy, Geosciences, Infrastructure and Society	-

		E-learning webinar on "Advanced Sludge Dewatering Technology"	Webinar	17.07.2020	Smart Water & Waste world	-
		National Level Webinar on "Water Foot Print"	Webinar	25.07.2020	Dept of Civil Engineering SRM Easwari Engineering College, Chennai	-
5.	Ms.K.Kanmani	Online Training Program on CRESCENT LMS	Webinar	04.08.2020	Office of Data Centre and Office of Dean Academic Affairs, BSACIST	-
		Online Workshop on Design and Development of E - content	Workshop	12.08.2020	Centre for Innovation in Teaching & Learning CITL & and Office of Dean Academic Affairs, BSACIST	-
		International webinar on "Spatially Enabled United Nations Sustainable Development Goals"	Webinar	15.06.2020	ESRI	-
		Webinar series on All about scientific Publishing Trends, Nuances, tools, ethics etc.	Webinar	16.09.2020	Springer Nature	-
		One Week - online FDP on Android App using Kotlin	FDP	10.08.2020 - 16.08.2020	IIT Bombay, Spoken Tutorial	-

		FDP on Basics of Remote Sensing, Geographical Information system (GIS) and Global Navigation Satellite System (GNSS) phase III	FDP	26.10.2020-31.10.2020	Francis Xavier Engineering College, Tirunelveli	-
		FDP on GIS and Remote Sensing	FDP	23.11.2020-27.11.2020	AICTE Training and Learning Academy (ATAL)	-
		DST - SERB funded one day workshop on "Progressive Innovations in Land Surveying"	Workshop	26.03.2021	SRM Institute of Science and Technology, Kattankulathur	-
		FDP on Recent Innovations in Civil Engineering (RICE – 2021)	FDP	15.04.2021-21.04.2021	Veltech high-tech Dr.Rangarajan Dr.Sakunthala Engineering college	-
6.	Ms.M.Ayisha Sidiqua	Online Training Program on CRESCENT LMS	Webinar	04.08.2020	Office of Data Centre and Office of Dean Academic Affairs, BSACIST	-
		Online Workshop on Design and Development of E - content	Workshop	12.08.2020	Centre for Innovation in Teaching & Learning CITL & and Office of Dean Academic Affairs, BSACIST	-
		Sustainable Construction (ICSC 2021) "Experimental Study on the removal of basic	International Conference	15.06.2021	St. Peter's Institute of Higher Education and Research, Chennai	-



		yellow dye using Zinc oxide coated clay"				
7.	Mr.Y.Ibrahim	Online Training Program on CRESCENT LMS	Webinar	04.08.2020	Office of Data Centre and Office of Dean Academic Affairs, BSACIST	-
		Online Workshop on Design and Development of E - content	Workshop	12.08.2020	Centre for Innovation in Teaching & Learning CITL & and Office of Dean Academic Affairs, BSACIST	-
		"Disaster Mitigation – A shift from Disaster Management towards Disaster Preparedness"	STTP	07.09.2020 - 12.09.2020	Department of Civil Engineering, School of Infrastructure, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	-
		"Disaster Mitigation – A shift from Disaster Management towards Disaster Preparedness"	STTP	19.10.2020 - 24.10.2020	Department of Civil Engineering, School of Infrastructure, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	-
		"Disaster Mitigation – A shift from Disaster Management	STTP	16.11.2020 - 21.11.2020	Department of Civil Engineering, School of Infrastructure,	-

		towards Disaster Preparedness”			B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	
		“Recent Innovations in Civil Engineering (RICE – 2K21)”	FDP	15.04.2021-21.04.2021	Department of Civil Engineering, VelTech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai	-
		Recent Advances in Applied Sciences, Technology & Health (RASTH 2021)	International conference	03.05.2021-05.05.2021	SRM Institute of Science and Technology, Kattankulathur	-
8.	Ms.R.Elakya	AICTE sponsored FDP on “Trailblazing Practices in Geotechnical Engineering	FDP	07.06.2021-11.06.2021	Meenakshi Sundararajan Engineering College.	-
		Sustainable infrastructure for the 21st Century - Doing more with less”	Webinar	03.07.2020	Dr. Grant Wright ,School of Energy, Geosciences, Infrastructure and Society	-
9.	Mr.A.Sheik Farid	Three days FDP on "Research Paper Drafting, Funding & Patent Methodologies"	FDP	02.07.2020 - 04.07.2020	Dr.N.G.P. Institute of Technology,Coimbatore	-
		International Webinar on "Research Techniques and Tips for Article Writing"	International Webinar	03.07.2020	Vidya Jyothi Institute of Technology	-

		Webinar on "Entrepreneurship for Civil Engineers"	Webinar	23.07.2020	KPRIET, Coimbatore	-
		Training session on "How to publish with Oxford journals"	Webinar	24.07.2020	Oxford University Press	-
		One week online Skill development program on "Enhancement of Academic Research Using Digital Resources"	Webinar	24.07.2020-30.07.2020	Annamalai University	-
		Webinar on "Design for Lateral Forces - Wind"	Webinar	25.07.2020	KPRIET, Coimbatore	-
		One Week - online FDP on "Low Carbon Energy Building ( Phase 1)"	FDP	27.07.2020-02.08.2020	AICTE, New Delhi Sponsored STTP	-
		Webinar on "Sustainable construction"	Webinar	05.08.2020	KPRIET, Coimbatore	-
		One Week - online FDP on "Recent Trends and Innovations in Construction Technologies (RTICT)"	FDP	10.08.2020 - 14.08.2020	Indian Concrete Institute, Ultra Tech cement Ltd	-
		One Week - online FDP on Android App using Kotlin	FDP	10.08.2020 - 16.08.2020	IIT Bombay, Spoken Tutorial	-
		Online Workshop on Design and Development of E - content	Workshop	12.08.2020	Centre for Innovation in Teaching & Learning CITL & and Office of Dean Academic Affairs, BSACIST	-

		FDP on Recent Advance in renewable energy technologies for sustainable development	FDP	21.08.2020 - 22.08.2020	Rajasthan Technical University, Kota Jaipur Engineering College, Kukas, Jaipur	-
		Video Course on Patent in India	Video Course	23.08.2020	Patent Attorney worldwide	-
		One Week - online FDP on "Sustainable Transport for Smart Cities (Series 2)"	FDP	24.08.2020 - 29.08.2020	AICTE, New Delhi Sponsored STTP	-
		One Week - online FDP on "Low Carbon Energy Building ( Phase 2)"	FDP	17.08.2020-22.08.2020	AICTE, New Delhi Sponsored STTP	-
		National webinar on Tools to Enhance Research Visibility	Webinar	18.08.2020	B.S.Abdur Rahman Crescent Institute of Science and Technology	-
		Disaster Mitigation - A shift from Disaster Management towards Disaster Preparedness	Webinar	07.09.2020 - 12.09.2020	AICTE, New Delhi Sponsored STTP	-
10.	Mr.B.Kannadasan	Short Term Training Programme on Structural Health Monitoring and seismic protection of Structure and Infrastructural System (phase -I)	Short term Training Programme	06.07.2020-11.07.2020	Bannari Amman Institute of Technology	-
		FDP on water and Environmental Modelling using	FDP	13.07.2020 - 17.07.2020	Satya Institute of Technology and	-

		MIKE, Remote Sensing and GIS Application			Management, Andhra Pradesh	
		Geotechnical Engineering Theory and Practice	Webinar	13.07.2020 - 20.07.2020	Kumaraguru College of Technology, Coimbatore	-
		FDP on Smart Solutions in Civil Engineering	FDP	20.07.2020-24.07.2020	K.S.School of Engineering and Management	-
		FDP on Advances in Civil Engineering	FDP	20.07.2020 - 27.07.2020	Rajalakshmi Engineering College, Chennai	-
		FDP on Sustainable Concepts in Civil Engineering and Architecture	FDP	21.07.2020 - 25.07.2020	IQAC-MSRIT, AICTE, New Delhi at M.S.Ramaiah Institute of Technology, Bangalore	-
		One week online Skill development program on "Enhancement of Academic Research Using Digital Resources"	Webinar	24.07.2020 - 30.07.2020	Annamalai University	-
		Short Term Training Programme on Disaster Management and Mitigation	Short term Training Programme	03.08.2020	Dr.N.G.P. Institute of Technology, Coimbatore	-
		Online Training Program on CRESCENT LMS	Webinar	04.08.2020	Office of Data Centre and Office of Dean Academic Affairs, BSACIST	-



		Artificial Intelligence and Machine Learning with python	Webinar	07.08.2020	Nehru Institute of Engineering and Technology, Coimbatore	-
		STTP on Industrial Internet of things	Short term Training Programme	12.08.2020 - 16.08.2020	AICTE sponsored at Meenakshi Institute of Technology	-
		International Conference on Innovation Solution and Challenges in Civil Engineering	International conference	20.08.2020 & 21.08.2020	Saveetha Engineering College	-
		STTP on Forum on Nurturing Clean water and Green Waste	Short term Training Programme	24.08.2020- 29.08.2020	AICTE, New Delhi Sponsored at K.S.R. College of Engineering	-
		Advances in water resources management and sustainable environment	FDP	17.08.2020 - 21.08.2020	IQAC- MSRIT, AICTE, New Delhi at M.S.Ramaiah Institute of Technology, Bangalore	-
		STTP on Industry 4.0	Short term Training Programme	24.08.2020 - 28.08.2020	Meenakshi institute of Technology	-
		STTP on Internet of Things (Every things)- Future	Short term Training Programme	07.09.2020 - 12.09.2020	B.S.Abdur Rahman Crescent Institute of Science and Technology	-

		Short Term Training Programme on "Low Carbon Energy Building ( Phase 3)"	Short term Training Programme	14.09.2020 - 19.09.2020	AICTE, New Delhi Sponsored STTP	-
		STTP on Machine Learning and its application to big Data	Short term Training Programme	14.09.2020 - 19.09.2020	AICTE, New Delhi Sponsored at Jodhpur Institute of Engineering and Technology	-
		Sustainable Environmental Engineering Practices	International FDP cum Workshop	21.09.2020 - 25.09.2020	National Institute of Technology, rourkela	-
		GIS and Remote Sensing	FDP	05.10.2020 - 09.10.2020	ATAL, AICTE, New Delhi	-
		Internet of things and Security challenges	Workshop	05.10.2020 - 09.10.2020	Dhalai District polytechnic Govt. of Tripura in association with National Institute of Electronics and Information technology Agartala	-
		STTP on Structural Health Monitoring and seismic protection of structures and Infrastructural System Phase - 4	Short term Training Programme	05.10.2020 - 10.10.2020	Bannari Amman Institute of Technology	-
		STTP on Advanced Technologies in Transportation Engineering and Town Planning	Short term Training Programme	08.10.2020 - 14.10.2020	Coimbatore institute of Technology	-

		FDP on Smart Cities	FDP	12.10.2020 - 16.10.2020	ATAL, AICTE, New Delhi	-
		STTP on Impact of Artificial Intelligence and Deep Learning on Internet of things for designing smarter Products - A hand on Approach	Short term Training Programme	19.10.2020 - 24.10.2020	AICTE, New Delhi Sponsored at Francis Xavier Engineering College, Tirunelveli	-
		STTP on Basic of Remote Sensing, Geographical Information System (GIS) and Global Navigation Satellite System (GNSS) "Phase III"	Short term Training Programme	26.10.2020 - 31.10.2020	AICTE, New Delhi Sponsored at Francis Xavier Engineering College, Tirunelveli	-
		STTP on Geotechnical Engineering	Short term Training Programme	26.10.2020 - 31.10.2020	AICTE, New Delhi Sponsored at Velalar College of Engineering and Technology	-
		STTP on Electric Vehicle: Technologies, Challenges and Opportunities for Integration of Renewable Resources in India	Short term Training Programme	02.11.2020 - 07.11.2020	AICTE, New Delhi Sponsored at R.M.K.Engineering College	-
		AICTE Training and Learning (ATAL) Academy online FDP on "Design Thinking	FDP	08.11.2020 - 12.11.2020	AICTE, New Delhi Sponsored at Sri Manakula Vinayagar Engineering College	-
		National webinar on Machine Learning - beyond the hype	National webinar	20.11.2020	Dr.MGR Educational and Research Institute in collaboration with IIHRD	-

		one week STTP on Big-data analytics and cyber security in smart Grid monitoring and Control	Short term Training Programme	23.11.2020-28.11.2020	AICTE, New Delhi Sponsored at Knowledge Institute of Technology	-
		FDP on GIS and Remote Sensing	FDP	23.11.2020 - 27.11.2020	AICTE Training and Learning Academy	-
		STTP on Machine and Deep learning techniques to develop artificial intelligence applications using Python	Short term Training Programme	14.12.2020 - 19.12.2020	AICTE sponsored at Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology	-
		Webinar on Electrical Vehicles	Webinar	02.08.2020	Pantech e Learning	-
		Webinar on Role of IOT in Healthcare During Covid	Webinar	05.08.2020	C.Abdul Hakeem College of Engineering and Technology with Pantech E Learning	-
		webinar on unsupervised learning with k - means Clustering	Webinar	04.08.2020	CMR Engineering College in association with Pantech E learning	-
		Webinar on AI Thinking Applications in Industrial Perspectives	Webinar	07.08.2020	Manakula Vinayagar Institute of Technology in association with pantech E Learning	-

		One Week - online FDP on Android App using Kotlin	FDP	10.08.2020 - 16.08.2020	IIT Bombay, Spoken Tutorial	-
		Online Workshop on Design and Development of E - content	Workshop	12.08.2020	Centre for Innovation in Teaching & Learning CITL & and Office of Dean Academic Affairs, BSACIST	-
		FDP on Internet of Things	FDP	07.12.2020 - 11.12.2020	Government College of Technology	-
		webinar on Cognitive Radio for 5G Applications	webinar	01.08.2020	Dr.NGP Institute of Technology, with Pantech E Learning	-
		STTP on Recent Advances in land Surveying and Mapping III	Short term Training Programme	18.12.2020- 24.12.2020	S.A.Engineering College	-
		online FDP on Global Navigation Satellite system (GNSS)	FDP	18.12.2020 - 22.12.2020	National Institute of Technology, Mizoram	-
		STTP on Intelligent Edge Computing Techniques for Diverse Applications	Short term Training Programme	14.12.2020 - 19.12.2020	M.S.Ramaiah Institute of Technology	-
		FDP on GIS and Remote Sensing	FDP	04.01.2021 - 08.01.2021	AICTE sponsored at University college of Engineering, JNTU Kakinada	-
		Conservation of Energy and Environment through Sustainable Engineering	STTP	04.01.2021- 19.01.2021	MEPCO Schlenk Engineering College, Sivakasi	-



		Smart Cities	FDP	11.01.2021- 15.01.2021	AICTE Sponsored at National Institute of Technology, Silchar	-
		Smart Cities	FDP	18.01.2021- 22.01.2021	AICTE Sponsored at Acharya Institute of Technology	-
		FDP on Smart Cities	FDP	01.02.2021- 05.02.2021	AICTE Training and Learning ATAL Academy, New Delhi	-
		Appreciation for Successfully Teaching and Evaluating two student batches of the Wadhvani Foundation	Entrepreneur ship course	10.02.2021	Wadhvani Global University	-
		AICTE - ISTE Sponsored Refresher / Induction Program on "Internet of Things (IoT) using Arduino & Raspberry PI" (Phase I)	Induction workshop	09.02.2021 - 15.02.2021	GRG Polytechnic College, Coimbatore	-
		Online workshop on Urban Storm water Management	online workshop	22.02.2021 - 24.02.2021	Andhra University College of Engineering, Visakhapatnam	-
		Online FDP on "Internet of Things (IoT)	FDP	23.02.2021 - 27.02.2021	SASTRA Deemed University	-
		AICTE - ISTE Sponsored Refresher / Induction workshop on "Internet of Things (IoT) using Arduino & Raspberry PI" (Phase III)	Induction workshop	23.03.2021 - 29.03.2021	GRG Polytechnic College, Coimbatore	-

		DST - SERB funded one day workshop on "Progressive Innovations in Land Surveying"	Workshop	26.03.2021	SRM Institute of Science and Technology, Kattankulathur	-
		International webinar on "Smart Cities GOI : A Multidisciplinary Aspects of Civil Engineering"	International webinar	27.03.2021	Jaypee University of Engineering and Technology, GUNA	-
		Applied Hydraulic Engineering	FDP	03.04.2021	Dhanalakshmi Srinivasan College of Engineering, Coimbatore	-
		Repair Rehabilitation & Retrofitting Techniques of Reinforced Concrete Structures	STTP	26.04.2021 - 01.05.2021	AICTE Sponsored at Srinivasa Ramanujan Institute of Technology,. Ananthapuramu	-
		Be the change Teaching Learning Process Slot 3	STTP	05.04.2021- 10.04.2021	B.S.Abdur Rahman Crescent Institute of Science and Technology	-
		Social Enterprise Management and Self Reliant India	FDP	17.05.2021- 21.05.2021	AICTE Sponsored at Marwadi Education Foundations Group of Institutions - Faculty of Management	-
		Geoinformatics and Web Technologies	FDP	18.05.2021- 22.05.2021	AICTE sponsored at Banasthali, Vidyapith	-

		Smart Cities - Infrastructure & Sustainability	FDP	24.05.2021-28.05.2021	AICTE sponsored at Indian Institute of Technology Ropar	-
		Quantum Artificial Intelligence	FDP	24.05.2021-28.05.2021	AICTE sponsored at Indian Institute of Information Technology Pune	-
		Green Building & Built Environment	FDP	31.05.2021-04.06.2021	AICTE Sponsored at Confederation of Indian Industry	-
		EV Design using MATLAB	Master Class	31.05.2021-04.06.2021	Pantech Prolabs India Private Limited	-
		Repair Rehabilitation & Retrofitting Techniques of Reinforced Concrete Structures	STTP	31.05.2021-05.06.2021	AICTE Sponsored at Srinivasa Ramanujan Institute of Technology,, Ananthapuramu	-
		Applied soft computing and Vision Machine Techniques (Series IV)	STTP	31.05.2021-05.06.2021	Dr.M.G.R.Educationa I and Research Institute in Association with All India Council for Technical Education (AICTE)	-
		Advancement in Environmental Remote Sensing & Machine Learning	FDP	21.06.2021-30.06.2021	Dr.M.G.R. Educational & Research Institute	-
		Internet of Things	FDP	07.06.2021-11.06.2021	Electronics Service and Training Centre	-

		Innovation in Materials Science: Role in Early Disease Diagnostics and Climate Change	Webinar	12.06.2021	G.S.Mandal's Marathwada Institute of Technology, Aurangabad	-
		Sustainable Practices in Civil Engineering	FDP	14.06.2021-18.06.2021	AICTE Sponsored at Bangalore University	-
		Hang up that 2D site Design process for an Exciting Automated 3D Modeling Workflow	Civil User Conference 2021	15.06.2021	Bentley Institute	-
		Data Analytics for Research	FDP	21.06.2021-25.06.2021	AICTE sponsored at IIM Sirmaur	-
11.	Dr.P.Vasanthi, Dr. Nisha Khanam, Ms.K. Kanmani and Mr. B. Kannadasan	A National Level Collaborative Indian Mapping Event	Mapping Event	14.12.2020-31.12.2020	IITB-ISRO-AICTE Mapathon	-
		Online Training Program on CRESCENT LMS	Webinar	04.08.2020	Office of Data Centre and Office of Dean Academic Affairs, BSACIST	-
12.	Mr.S.Dhamodharan	Online Workshop on Design and Development of E - content	Workshop	12.08.2020	Centre for Innovation in Teaching & Learning CITL & and Office of Dean Academic Affairs, BSACIST	-
		One week international workshop on Durability of Concrete (IWODOC - 2020) - online mode	International workshop	26.10.2020 - 30.10.2020	National Institute of Technology, Karnataka	-

		STTP on Advanced Mechanics of Materials	Short term Training Programme	02.11.2020 - 07.11.2020	K.S.Rangasamy College of Technology, Tiruchengode	-
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#### 6. Papers Published/ Presented In Journals & Conferences (July 2019-June 2020)

National Conference		International Conference		National Journal		International Journal		Total
With ISBN	Others	With ISBN	Others	SCI/Scopus Indexed	Others	SCI/Scopus Indexed	Others	
-	3	6	8	2	-	22	15	56

#### 7. Details of publication I National & International Journals & Conferences:

##### International Journal & National Journal

##### a) SCI/Scopus Indexed Journal

1. Md Muheeb Ahmed, Mohd Umar, Ahmed Abdul Ahad and M.S. Haji Sheik Mohammed, "Optimisation of Mix Proportion for Repair Mortar Modified with Mineral and Chemical Admixtures" *Journal of Structural Engineering (JoSE)*, Vol.48, No.2, pp.89-103, 2021
2. S. Shafeer Ahamed, J. Sherin Mariya, V. Roopa and M.S. Haji Sheik Mohammed, "Corrosion Inhibiting Admixture for Corrosion Prevention in Small Scale Reinforced Concrete Structures", *Indian Concrete Journal*, Vol. 95, No.4, pp. 38 – 51, 2021
3. S.B. Wani and M.S. Haji Sheik Mohammed , "Study of Bond Strength of Plain Surface Wave Type Configuration Rebars with Concrete : A Comparative Study", *International Journal of Engineering*, Vol. 34, No.02, pp.326-335, 2021
4. M.Ajona and Vasanthi Padmanabhan,(2021), "Bioremediation of petroleum contaminated soils–A review", *Materials Today: Proceedings*, Vol 45, pp7117-7122, 2021
5. Pamila Ramesh, Vasanthi Padmanabhan, Praveen, Saravanan & Bhagavathi Pushpa Thillainayagam(2021) "Batch studies of turquoise blue dye (TB) adsorption onto activated carbon prepared from low-cost adsorbents: an ANN approach" *Biomass Conversion and Biorefinery*, pp1-14, 2021

6. Revathy Jayaseelan, Gajalakshmi Pandulu, Srinivasan Mahendran, "Performance of expanded polystyrene light weight self compacting concrete in composite slab", *International Journal of Applied Sciences*, 1 – 12, 2021.
7. S.Vijayan, A.Mohan, J.Revathy, D.Parthiban, R.Varatharajan, "Evaluation of the impact of thermal performance on various building bricks and blocks: A review", *Environmental Technology & Innovation*, 2021 <https://doi.org/10.1016/j.eti.2021.101577>.
8. M.Ajona and Vasanthi Padmanabhan,(2021) "Bio-remediation of crude oil contaminated soil using recombinant native microbial strain" *Environmental Technology & Innovation*,23,101635, 2021
9. Irfan Ahmed, Tariq Ahmad Sheikh, P. Gajalakshmi, Revathy, "Study on Failure Mechanism of Multi-storeyed Reinforced Concrete Framed Structure", *Advances in Computational Design*, 6 (1), 1-13, 2021.
10. R. Singaravelan, M. Shanmugam, A. Abdul Salam, P. Vasanthi, M. Magesh, Durai Mani & Young-Ho Ahn, "Electrochemical Synthesis of  $\gamma$ -Cu<sub>5</sub>Zn<sub>8</sub> Bimetallic Nano Alloy for Efficient Degradation of Methyl Orange Dye and Antimicrobial Efficacy" *Journal of Inorganic and Organometallic Polymers and Materials*, Volume 31, Issue 7, 2021
11. K.K. Yaswanth, J. Revathy, P. Gajalakshmi, "Soft Computing Techniques for the Prediction and Analysis of Compressive Strength of Alkali-Activated Alumino-Silicate Based Strain-Hardening Geopolymer Composites", *Silicon*, 2021 <https://doi.org/10.1007/s12633-021-00988-7>.
12. M. Ayisha Siddiqua, V.S. Priya, "Removal of yellow dye using composite binded adsorbent developed using natural clay and activated carbon from sapindus seed", *Biocatalysis and Agricultural Biotechnology*, 33, 101965, 2021
13. B.Indhu, K. Yogeswari, "Multivariate statistical analysis on factors affecting improper Equipment Maintenance in India" *Bulletin Monumental*, Volume 22, Issue 03, pp 250- 256, Feb 2021
14. B.Indhu, K. Yogeswari, "SEM approach on inappropriate construction equipments delay factors and its impact on the reputation of the firm in India" *Civil Engineering Journal*, Vol7, issue 7 July 2021
15. Shaik Abdul Hameed, M F Muadh and Nisha Khanam, "Water Audit for East Tambaram", *IOP Conference Series: Materials Science and Engineering*, Volume-1026, doi:10.1088/1757-899X/1026/1/012002, IOP Science Publication, 2021
16. M.S. Haji Sheik Mohammed and V. Roopa, "Performance of Galvanized Steel Rebars in Concrete", *Indian Concrete Journal*, Vol. 94, No.11, pp. 81-91, 2020
17. R.Pamila, Vasanthi Padmanabhan, R.Arunadevi, P.N.Sudha Abd el-Zaher.M.A. Mustafa, Abdullah Al-Ghamdi Ahmed, Amal H.Alajmi, Mohamed Soliman Elshikh, "Batch and column mode removal of the turquoise blue (TB) over bio-char based absorbent from prosopis Juliflora: Comparative study", *Chemosphere*, Volume 271, pp 1-11, 2020
18. R. Pamila, PadmajaMegham and Vasanthi Padmanabhan, "Optimization of Cu (II) and Cr (VI) Removal Efficiency using ANNs and RSM", *Journal of Test Engineering and Management*, Volume 83, pp 8343-8348, 2020
19. D.S. Vijayan, A. Leema Rose, S. Arvindan, J. Revathy· C. Amuthadevi, "Automation systems in smart buildings: a review", *Journal of Ambient Intelligence and Humanized Computing*, 2020, <https://doi.org/10.1007/s12652-020-02666-9>

20. Gajalakshmi Pandulu, Revathy Jayaseelan, Jemimah Thong, "Behavior of FRP wrapped concrete filled steel tubular columns", *International Journal of Applied Sciences*, 393 – 403, 2020.
21. J. Revathy, P. Gajalakshmi, P.Pavithra, "Experimental investigation on concrete filled glass fibre reinforced polymer tubular beams under flexural loading", *Materials Today: Proceedings*, 33(1), 440-445, 2020.
22. Gajalakshmi P, Helena J, Revathy J, "Variable and constant amplitude testing of concrete in-filled steel tube columns", *Materials Today: Proceedings*, 33(1), 320-325, 2020.
23. Gajalakshmi P, Revathy J, MohanaPriya, "Application of Recycled Coarse Aggregate in Steel Tubular Members", *Nature Environment and Pollution Technology*, 19(2), 729-737, 2020.
24. Donald Kwabena Dadzie, A.K. Kaliluthin and Raj Kumar D, "Exploration of Waste Plastic Bottles Use in Construction", *Civil Engineering Journal*, DOI:10.28991/cej-2020-03091616, ISSN (online) 2476-3055, Vol. 6 Issue 11, p 2262-2272, 2020

#### **b) Other journals**

1. B.Bharath Kumar and A. Sheik Farid. "Study on Improvement of Labor Productivity Using Crew Balance Chart", *International Journal of All Research Education and Scientific Methods (IJARESM)*, Volume-9, Issue-6, pp 3499-3504, June 2021.
2. V. Diviya Darshini and A. Sheik Farid. "A Study on Construction Material Waste Minimization: Reasons and Suggestions", *International Research Journal of Engineering and Technology (IRJET)*, Volume-8, Issue-6, pp 3983-3992, June 2021.
3. K. Salma and A. Sheik Farid. "Study on Reduction of Cost Overrun and Time delay in Building Construction using Six Sigma", *International Journal of Engineering Development and Research (IJEDR)*, Volume-9, Issue-3, pp 38-45, June 2021.
4. B.Bharath Kumar and A. Sheik Farid. "Review paper on Improvement of Labor Productivity Using Crew Balance Chart", *International Journal of Research Publication and Reviews (IJRPR)*, Volume-2, Issue-1, pp 657-659, April 2021.
5. V. Diviya Darshini and A. Sheik Farid. "Review paper on Construction Material Waste Minimization: Reasons and Suggestions" *International Advanced Research Journal in Science, Engineering and Technology (IARJSET)*, Volume-8, Issue-3, pp 248-251, March 2021.
6. K. Salma and A. Sheik Farid. "Review paper on Reduction of Cost Overrun and Time delay in Building Construction using Six Sigma", *International Advanced Research Journal in Science, Engineering and Technology (IARJSET)*, Volume-8, Issue-3, pp 264-267, March 2021.
7. Moinuddin H, K. Yogeswari, "Examination on risk management analysis for construction Industry" *International Journal of Civil Engineering and Technology* , Volume 12, Issue 5, pp 37-43 May 2021.
8. Arunkumar, Dr. K. Yogeswari, "The Challenges of using Big data analytic In smart Transportation" *International Journal of Scientific research Journal of Engineering*, Vol11, Issue 5 PP 19-29 May 2021

9. Gaurav Shyam, K. Yogeswari, "Review on Mechanical Properties of M30 Concrete in addition with Steel Fiber and Jute Fiber", *International Journal of Scientific research Journal of Engineering*, Vol 18, Issue 4 PP 15-18 July 2021
10. Shoib Bashir Wani, Junaid Ahmed, M.S. Haji Sheik Mohammed, Tahir Hussain Muntazari and Nusrat Rafique , "Influence of Nano-Modification on Mechanical and Durability Properties of Cement Polymer Anticorrosive Coating", *Challenge Journal of Concrete Research Letters*, Vol. 11, No.4, pp. 92-104, 2020
11. R.Rupa and Vasanthi Padmanabhan, "Evaluation of Operative Temperature in Naturally Ventilated Residential Buildings in Urban Coastal Area for Sustainable Development" *Journal of Green Engineering (JGE)*, Volume 10, Issue 11, pp11384 -11401, 2020
12. M.Ajona and Vasanthi Padmanabhan, "Identification of Native Microbial Strain from Petroleum Contaminated Soil and Degradation Potential Study for Bioremediation", *Journal of Green Engineering (JGE)*, Volume 10, Issue 11, pp 11727-11742, 2020
13. B.Indhu, K. Yogeswari. "Review on delay factors due to improper construction equipment management", *International journal on Emerging Technologies*, Issue(1), Volume 11, pp209-214, May 2020.
14. Uma Maheshwari .V, K. Yogeswari, "Solid Waste Management Performance towards the zero waste Index in Suburban Area ", *International Journal of Scientific research in Engineering and Management*, Vol- 04, Issue 07 pp 1- 6, July, 2020
15. Nashreen Fathima. M, K. Yogeswari."Strategy and framework for sustainable rural infrastructure of Kuthukalvalasai", *International Journal of research and Analytical reviews* , Issue 3, Volume 7, pp 660-665, July 2020.

#### **International Conference & National Conference:**

##### **a) Conference with ISBN Proceedings**

1. K.Kanmani, P.Vasanthi and N.Maharajan, "Soil Moisture Retrieval Using Sentinel SAR Image", *International conference on Contemporary Engineering and Technology(ICCET–2021)*, Prince Shri Venkateshwara Padmavathy Engineering College,Ponmar, Chennai, Vol1, pg no.130, ISBN 978-93-81288-22-1, April 10-11, 2021
2. N. Maharajan, K. Kanmani and P. Vasanthi , "Forest cover mapping using backscattered images of SAR data", *International conference on Contemporary Engineering and Technology(ICCET–2021)*, Prince Shri Venkateshwara Padmavathy Engineering College, Ponmar, Chennai, Vol1, pg no.131, ISBN 978-93-81288-22-1, April 10-11, 2021
3. Y Ibrahim, "Study on the effect of pH on the degradation of textile dye by novel natural coagulation process", on 9th *International Conference on "Contemporary Engineering and Technology – 2021" (ICCET – 2021)*, Organization of Science and Innovative Engineering & Technology (OSIET), Chennai, India, ISBN 978-93-81288-22-1,10-11, April, 2021.
4. Y Ibrahim, Vasanthi Padmanabhan, Ram Kumar R, David Vasantharaj and Ibrahim Aduham, Kishore , "Study on the effect of pH on the degradation of textile dye by novel natural coagulation process", *International conference on Contemporary Engineering and*



*Technology(ICCET–2021)*, Prince Shri Venkateshwara Padmavathy Engineering College, Ponmar, Chennai, Vol1, pg no.129, ISBN 978-93-81288-22-1, April 10-11, 2021

5. K.K.Yaswanth, J.Revathy, P.Gajalakshmi, “A Review on Engineered Cementitious Composites – A Versatile Construction Material”, *International Conference on Construction Materials and Smart Structures for Sustainable Development (ICCMSSSD) – 2020*, ISBN : 978-93-8935-488-1, 180-190, 2020
6. Nilofer A, and A.K.Kaliluthin , (2019), “Performance Assessment of Geo-Polymer Concrete by Replacement of Cement with Fly Ash and Glass Powder” *International Virtual Conference On Emerging Research Trends in Structural Engineering (ERTSE 2020)*, organized by Vellore Institute of Technology- Chennai, on 16th – 17th July 2020. Pp 140-141. (ISBN: 978-93-89354-46-1).

#### **b) Other Conferences**

1. K. Kanmani, N. Maharajan and P. Vasanthi , “Image processing and classification of SAR image”, *National conference on recent advancements in geotechnical engineering (NCRAG 2021)*, Bannari Amman Institute of Technology, Sathyamangalam, Erode, Tamilnadu
2. Ibrahim Y, Vasanthi Padmanabhan, Jagadeesh K, Abyaz Aiman A, Abhishek R, Shaik and Mohammed Hanief, “Indigenous Sustainable Natural Coagulant used in the Domestic and Industrial Effluent Treatment”, *National conference on recent advancements in geotechnical engineering (NCRAG 2021)*, Bannari Amman Institute of Technology, Sathyamangalam, Erode, Tamilnadu
3. Priya .V.S., “Experimental study on the removal of basic yellow dye using zinc oxide coated clay”, *Proceedings of International Conference on Sustainable Construction (ICSC 2021)*, pp314-320, 2021
4. B.Kannadasan and K. Yogeswari, ”Study on real – time traffic analysis using unmanned aerial vehicle under mixed traffic conditions”, in online *International conference on “Sustainable Construction(ICSC2021)*, June 2021
5. B. Kannadasan, Wasif Yuhan Critical Tasks In Implementing Sustainable Transport Policies In India”, *International conference on “ Sustainable Construction ”*, pp.491-497, June 2021
6. B.Kannadasan, S.Sruthi, K.Bharathi, C.Swathi, T Nooshin and Takhellambam Aenet, “Feasibility Study on Chennai Metro Corridor Extension Project, *International conference on Sustainable Construction*, pp.241-248, June 2021
7. K.K.Yaswanth, J.Revathy, P.Gajalakshmi, “Artificial Intelligence Techniques to Predict the Compressive Strength of Sustainable Eco-friendly Strain-hardening Concrete Composites”, *Technical Volume of 35th Indian Engineering Congress*, Theme : Engineering for Self Reliance and Sustainable Goals, The Institution of Engineers (India), 371 – 376, December 18-20, 2020.
8. Donald Kwabena Dadzie, A.K. Kaliluthin and Raj Kumar D “Exploration of Palm Kernel use in Construction: A Review” *The 5<sup>th</sup> International Conference on Sustainable Civil Engineering Structures and Construction Materials (SCESCM 2020)*, organized by the Faculty of Civil Engineering, Universiti Teknologi MARA, Malaysia on 8th – 9th December 2020.

9. Shaik Hameed, Muadh.F and Nisha Khanam, “Water Audit Study for East Tambaram” in the *Virtual International Conference On Innovative Solutions and Challenges in Civil Engineering*, Saveetha Engineering College, Chennai, August 2020.
10. B.Kannadasan, K. Yogeswari, Hemanth. V.S, Avinash. V, Aswin Kumar.S, “Study on Vehicle following characteristics in mixed traffic condition, “*International conference on Innovative solution and challenges in civil engineering*, August 2020.
11. B.Kannadasan and K. Yogeswari, “Study of fleet management for – semi-urban area using remote sensing and GIS” in *International conference on Innovative solution and challenges in civil engineering*, August 2020.

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

A) Range B) Average C) H-Index - 4 D) No. In Scopus - 24

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

Sl. No.	Principal And Co-Principal Investigators	Funding Agencies	Project Title	Amount Details				Status
				Sanctioned	Available in the beginning of FY	Spent during FY 2019-20	Balance available	
1.	Dr.Amlan Kumar Sengupta, Department of Civil Engineering, IIT Chennai, Dr. RadhaKrishna G Pillai, Department of Civil Engineering, IIT Chennai, Dr.	Extra Mural research Funding	Structural Behaviour of Corroding Prestressed Concrete Systems and Extension of Service Life	Rs. 39.6 lakhs	-	-	-	Ongoing

	M.S. Haji Shiek Mohammed, B.S.Abdur Rahman Crescent Institute of Science and Technology		using Cathodic Protection					
2.	Dr. RadhaKrishna G Pillai, Department of Civil Engineering, IIT , Dr. Dhanya, RIT, Kottayam, Dr. M.S. Haji Shiek Mohammed, B.S.Abdur Rahman Crescent Institute of Science and Technology	Industry Project	Evaluation of Sacrificial Anode Cathodic Protection (SACP) systems for Reinforced Concrete Applications	Rs. 9.912 lakhs	-	-	-	Ongoing
3.	Ms.V. Roopa, B.S.Abdur Rahman Crescent Institute of Science and Technology	DST, SERB, TARE	Corrosion protection and service life extension of reinforced concrete roofing systems in existing buildings	Rs. 18,30,000 Amount Earmarked for Crescent: Rs. 8,25,000	-	-	-	Ongoing
4.	Dr. J. Revathy Dr. P.Gajalakshmi	Research Promotion	Seismic behaviour of light weight	Rs. 2 lakhs	-	-	-	Ongoing

	B.S.Abdur Rahman Crescent Institute of Science and Technology	Scheme, (RPS), AICTE, New Delhi	concrete filled FRP tubular columns					
5.	Dr. Vasanthi Padmanabhan and Dr. J. Revathy B.S.Abdur Rahman Crescent Institute of Science and Technology	Modernisation and Upgradation of Structural Engineering Lab – Non Destructive Testing facility	MODROB, AICTE New Delhi	Rs. 10 lakhs	-	-	-	Ongoing
6.	Dr.Vasanthi Padmanabhan Ms.K.Kanmani Mr. B. Kannadasan B.S.Abdur Rahman Crescent Institute of Science and Technology	Geospatial data management technologies for rural development	National Geospatial Programme under Geospatial Technology Development, DST	-	-	-	-	Applied
7.	Dr. A.K. Kaliluthin B.S.Abdur Rahman Crescent Institute of Science and Technology	Upgradation of Sewage Treatment Plant in the campus of BS Abdur Rahman Crescent Institute of Science and Technology	Technology Development Transfer Programme, Waste Management Technologies, Department of Science & Technology (DST)	-	-	-	-	Applied

8.	Dr.Vasanthi Padmanabhan Ms.K.Kanmani Mr. B. Kannadasan B.S.Abdur Rahman Crescent Institute of Science and Technology	A capacity building initiative of the National Geospatial Program NGP - summer / winter Schools in Geospatial Science and Technology	National Geospatial Programme under the scheme Capacity Building in Geospatial Science and Technology, DST	-	-	-	-	Applied
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#### 10. Details of Major Equipment Purchased (Financial year 2020-21)

Sl. No.	Name of the Equipment	Make & Country	Date of purchase	Amount in Rs	Working Status	
					Yes	No
1.	Ultra Sonic Pulse Velocity tester and Rebar locator & Covermeter with corrosion analyser	Sofeel Marketing	18.08.2021	7,98,000	Yes	-
2.	Digital Triaxial Equipment with software	Aimil Ltd., India	08.02.2021	4,80,047	Yes	-
3.	Double beam UV-Vis spectrophotometer	Motras - Model UV plus & India	27.01.2021	3,36,000	Yes	-
4.	Flame photometer	Deepvision- Model No.1381 & India	11.04.2020	61,425	Yes	-

### 11. Book Published

SI. No.	Name of the Faculty	Name of the Book / Chapter Details	Cost		Name of the Publisher & country	Availability status
			Rs	\$		
1.	Dr. P.Gajalakshmi Dr. J. Revathy	Chapter: Suitability of Fibre Reinforced Polymer Confined Concrete In-Filled Steel Tube Columns in Vulnerable Zones of Instability: A Case of Bhuj Earthquake Epicentral Zone, Gujarat, India	1000 (ebook) 2500 (Hardcopy)	30 (ebook) 60 (Hardcopy)	Book Publisher International & India	Yes DOI : 10.9734/bpi/ireges/v5
2.	Ms. K.Kanmani	Chapter: A Study of Deep Geoelectric Structure and its relation to seismotectonics and Economic Development of Saurashtra Region, Western India	600 (ebook) 2500 (Hardcopy)	10 (ebook) 60 (Hardcopy)	Book Publisher International & India	Yes DOI: <a href="https://doi.org/10.9734/bpi/ireges/v6">https://doi.org/10.9734/bpi/ireges/v6</a>

## 12. Patents (Obtained / Applied)

Sl. No.	Title	Details of Patents			Details of Financial Assistance from Institution
		Filed	Published	Granted	
1.	New Composition and Making of Bricks from Plant-Fibres and Waste Byproducts	-	202041034656 04.09.2020	-	-
2.	A RNN based Spatio Temporal Data Mining model for urban road Planning	-	2020104112 17.02.2021	-	-
3.	Utilization of sensors in Concrete to monitor the curing process and compressive strength of Concrete	-	202141008996 12.03.2021	-	-

## 13. Achievements of Staff

Sl. No.	Name of the Faculty/ Non teaching Staff	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Dr. Vasanthi Padmanabhan	Delivered a lecture on “NDMA Guidelines for landslide mitigation” during the AICTE sponsored short term training programme on “Disaster Mitigation – A shift from from disaster management to disaster preparedness”	-	November 2020

2.	Dr. M.S. Haji Sheik Mohammed	Research Incentive award	B.S. Abdur Rahman Crescent Institute of Science & Technology	September 2021
		Webinar talk in the topic "Avoidable Errors in Building Construction : Some Thoughts" organized by Flat Promoters Association, Chennai South	-	May 2021
		Presented a lecture on "Corrosion Prevention and Protection Strategies for Service Life Extension of RC Structures" in the AICTE sponsored STTP on "Life Cycle Assessment and Structural Health Monitoring of Structures" organized by Department of Civil Engineering, Aarupadai Veedu Institute of Technology, Chennai.	-	November 2020
		Presented a lecture on "Prevention and Control of Corrosion in RC Structures : Preparedness to avoid major Disasters" in the AICTE sponsored STTP on "Disaster Mitigation : A Shift from Disaster Management towards Disaster Preparedness" organized by Department of Civil Engineering, School of Infrastructure, B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai.	-	November 2020

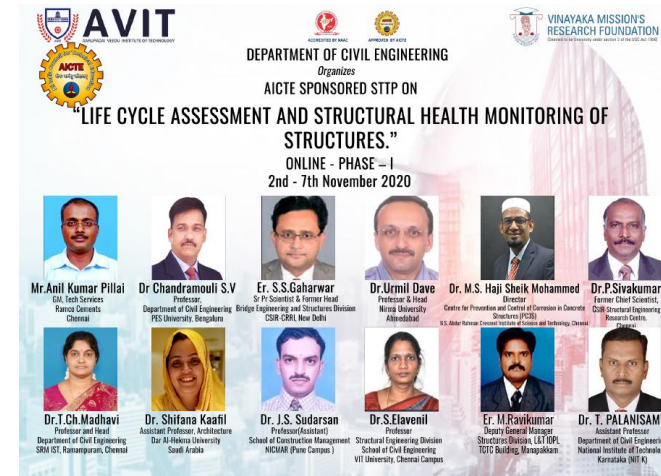


		Delivered a lecture in the UJAY Lecture series (No.6) on "Corrosion Control in Reinforced Concrete Structures" organized by Department of Civil Engineering, UNIVERSITAS ATMA JAYA YOGYAKARTA, Indonesia.	-	October 2020
		Presented a webinar on "Corrosion Control of Steel Reinforcement Rods in Concrete" organized by Builders Association of India : Southern Centre.	-	August 2020
		Delivered a lecture in the webinar series organized by Kerala Highways Research Institute (KHRI) in the topic "Galvanized Steel Rebars for Enhanced Corrosion Resistance in RC Structures"	-	July 2020
		Delivered a lecture on "Performance of Galvanized Rebars for Use in Concrete Construction" in the webinar series on Construction Materials organized by iSTEEL XLS, Chennai.	-	June 2020
		Life member : ICI Senior Member : RILEM Affiliate Member : ASCE Member : NACE	-	-
3.	Dr. J. Revathy	Research Incentive award	B.S. Abdur Rahman Crescent Institute of Science & Technology	September 2021

		Delivered lecture in the topic “Structural use of Fibre Reinforced Polymer Composites in Construction”, webinar organized by Bharath Institute of Higher Education and Research, Chennai	-	February 2021
		Delivered lecture in the topic “Retrofitting of structures using FRP Composites”, webinar organized by Jyothishmathi group of Institutions, Telangana	-	January 2021
4.	Dr. P. Gajalakshmi	Research Incentive award	B.S. Abdur Rahman Crescent Institute of Science & Technology	September 2021
		Best Researcher Award	B.S. Abdur Rahman Crescent Institute of Science & Technology	September 2021
		Delivered lecture in the topic “Bridges” in online Faculty Development Programme on “Foundation Engineering, Fluid Mechanics and Structural Design for Civil Engineers” organized by SRM Valliammai Engineering College.	-	May 2020
		Delivered lecture in the topic “RC Solid Slab Bridges” guest lecture organized by Sairam Engineering College	-	November 2020
		Delivered lecture in the topic “Confined Tubular Members for Sustainable Construction” in online Faculty Development Programme on	-	December 2020


		“Curriculum for Sustainability” organized by Velammal Engineering College		
5.	Dr. K. Yogeswari	Research Incentive award	B.S. Abdur Rahman Crescent Institute of Science & Technology	September 2021
		Delivered (online) Lecture on “Application of architecture in Civil Engineering” organized by KPR Institute of Engineering and Technology	-	February 2021
6.	Dr.Priya VS	Delivered (online) Lecture on “Sustainable practices in Urban sanitation” during the AICTE Sponsored FDP on Curriculum for Sustainability in Vellammal Engineering college	-	December 2020
		Delivered (online) Lecture on “Urban sanitation” in SSN College of Engineering (Autonomous),Chennai	-	May 2021
7.	Dr. A.K.Kaliluthin	Delivered a Lecture on Strength of Materials course through Online FDTP for the Faculty Development Programme on “CE 8301 Strength of Materials” sponsored by Anna University Chennai	-	June 2021
		Delivered a Guest Lecture on “Precast Concrete Structures and its Applications” in Sri Manakula Vinayagar Engineering College Puduchery	-	September 2020

		"District Green Champion" for Chengalpattu District for the Academic Year 2020-21 for BSACIST Institution	MGNCRE, Ministry of Education, Government of India	August 2021
8.	Ms. M. Ayisha Siddiqua	Crescent Seed Money of Rs.25,000/-	B.S. Abdur Rahman Crescent Institute of Science & Technology	March 2021
9.	Mr. Y. Ibrahim	Crescent Seed Money of Rs.50,000/-	B.S. Abdur Rahman Crescent Institute of Science & Technology	March 2021
10.	Mr Kannadasan B	NPTEL Stars" - "NPTEL_ENTHUSIASTS	NPTEL IIT Madrars	May 2021
		NPTEL Stars" - "NPTEL_BELIEVERS	NPTEL IIT Madrars	May 2021
11.	Dr.Vasanthi Padmanabhan, Dr. NishaKhanam, Ms. K. Kanmani and Mr. B. Kannadasan	Winners - Indian Mapping Event on the topic "Change Detection in Water Bodies of Chengalpet District, Tamilnadu".	IITB-ISRO-AICTE Mapathon – National Level Collaborative Indian Mapping Event	March 2021



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LONG LIFE TMT BARS

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**iSTEEL presents**  
**Engineering for a new world**  
Inviting all engineers to a web lecture on construction materials by elite professors.  
**Saturday 1 27<sup>th</sup> June, 2020**

**Dr. A.R. Santha Kumar**  
Ph.D.(New Zealand),  
Former Emeritus Professor,  
IIT Chennai

**Dr. R. Senthil**  
Professor, Structural Division,  
Department of Civil Engineering,  
Anna University, Guindy

**Dr. Radhakrishna G Pillai**  
Associate Professor,  
Department of Civil Engineering,  
IIT Chennai

**Dr. M.S. Haji Sheik Mohammed**  
Professor of Civil Engineering,  
School of Infrastructures,  
B.S. Abdur Rahman Crescent  
Institute of Science & Technology, Vandalur

**Session 1**  
09:00 am - 10:00 am  
• **Properties of materials used for construction**  
• **Behaviour of material**

**Session 2**  
10:00 am - 11:00 am  
**Codal requirements**

**Session 3**  
11:00 am - 12:00 noon  
**Corrosion and chloride threshold of steel in concrete structures and its impact on service life**

**Session 4**  
12:00 noon - 01:00 pm  
**Performance of galvanized steel rebars for use in concrete construction**

**About the course:**

- The course is intended for supervisors and field engineers
- The syllabus will be covered in four lectures
- Each session will have a 45 min presentation and 15 min for Question & Answers

**'Build' your knowledge.**  
Register @ <https://tinyurl.com/isteelwebinar>

**VINAYAKA MISSION'S RESEARCH FOUNDATION**  
Deemed to be University  
(Dissolved u/s 3 of the UGC Act 1956)  
Accredited by NBA/CI

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY**  
Approved by AICTE

**University Office:**  
No. 17, Sadashiv Marg Road, Arundhan,  
Chennai - 600 033, Tamil Nadu, INDIA.  
Ph. +91 422 - 2429700  
Fax. +91 422 - 2417922  
E-mail: [arv@arv.edu.in](mailto:arv@arv.edu.in)

**Chennai Office:**  
DM 1103, New # 213, Mahaveli Quater, New Road,  
Chennai 600 033, Tamil Nadu, INDIA.  
Ph. +91 44 42948000 / 42948006  
E-mail: [admission@arvmissionarv.com](mailto:admission@arvmissionarv.com)

**Certificate of Honor & Appreciation**

This Certificate of Honor and Appreciation is hereby presented to  
**Dr. M. S. Haji Sheik Mohammed, Director, Centre for Prevention and Control of Corrosion in Concrete Structures (PC3S), B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai** for sharing his invaluable insights and expertise in the topic 'Corrosion Prevention and Protection Strategies for Service Life Extension of RC Structures' as a keynote speaker on 04.11.2020 of the *AICTE Sponsored Six Days Online SITP on "Life Cycle Assessment and Structural Health Monitoring of Structures"* organized by Department of Civil Engineering held from 2<sup>nd</sup> to 7<sup>th</sup> November 2020.

**(Dr. S.P. SAIJGEE IHA)**  
CONVENOR-SITP  
VICE-PRINCIPAL ACADEMICS

**(Dr. K.L. SHUNMUGANATHAN)**  
PRINCIPAL  
Dr. K. L. SHUNMUGANATHAN  
B.E. (CIVIL), M.Sc. (SOLID STATE PHYSICS)  
PRINCIPAL  
Aarupadai Veedu Institute of Technology  
Vinayaka Mission's Research Foundation  
(Deemed to be University)  
Chennai - 600 033, Tamil Nadu, India.

**IITB-ISRO-AICTE Mapathon**  
*Certificate of Recognition*



**Prof. Kannan Moudgalya**  
Principal Investigator - FOSSEE,  
IIT Bombay

**Mr. Shantanu Bhatavdekar**  
Director, Earth Observation  
and DMS programme office, ISRO

**Prof. Pennan Chinnasamy**  
Rural Data Research and Analysis  
(RuDRA) Lab, IIT Bombay

**Indian Institute of Technology Bombay** | **ISRO** | **AICTE** | **FOSSEE** | **WHEELS** | **Vishal Foundation**

This is a computer generated certificate and requires no signature. To verify, scan the QR code or visit: <https://fossee.in/certificates/verify>  
The FOSSEE project is funded by the National Mission on Education through ICT, Ministry of Education (MoE), Govt. of India.

**IITB-ISRO-AICTE Mapathon**  
*Certificate of Recognition*



**Mr./Ms. K.Kanmani**

This is to certify that  
**Mr./Ms. K.Kanmani**  
of team **MAPATHON4284** is recognised as a **WINNER**  
in the **IITB-ISRO-AICTE Mapathon**, an initiative of the **FOSSEE**  
(Free/Libre and Open Source Software in Education) Project, **IIT Bombay**  
in association with **ISRO** (Indian Space Research Organisation)  
and **AICTE** (All India Council for Technical Education).

The Mapathon was held between 7 Dec. to 22 Dec. 2020.

**Prof. Kannan Moudgalya**  
Principal Investigator - FOSSEE,  
IIT Bombay

**Mr. Shantanu Bhatavdekar**  
Director, Earth Observation  
and DMS programme office, ISRO

**Prof. Pennan Chinnasamy**  
Rural Data Research and Analysis  
(RuDRA) Lab, IIT Bombay

**Indian Institute of Technology Bombay** | **ISRO** | **AICTE** | **FOSSEE** | **WHEELS** | **Vishal Foundation**

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The FOSSEE project is funded by the National Mission on Education through ICT, Ministry of Education (MoE), Govt. of India.







#### 14. Achievements of Students

Sl. No.	Name of the student	RRN	Type of recognition/Award Achieved	Details of Awarding organization	Month & Year
1.	Mr. Muzammil Mamu	170011601054	Qualified in GATE 2021	-	March & 2021
2.	Mr. Wasif Yuhan	180011603013	Awarded as "Potential Real Venture"	Wadhvani Foundation	November & 2020
3.	Mr. Mohamed Jahid	180011602005	Awarded as "Potential Real Venture"	Wadhvani Foundation	November & 2020



### 15. Developmental Activities

Sl. No.	Details of development activity	Duration	Details of Faculty and student participation	Objective	Outcome
1.	Webinar on Career Opportunities in Civil Engineering	1 day	Final Year and Pre final year B.Tech. students	To give exposure on various opportunities after their completion of graduation	The students were benefitted in understanding the various opportunities related to government sectors, private sectors and as an entrepreneur.

### 16. Industry / Institute Collaboration

Sl. No.	Name & Address of Industry	Type of Collaboration	Month & Year	Status		Outcome
				Ongoing	Completed	
1.	CSIR-CBRI, Roorkee	Project work	May & 2021		Completed	One student from B.Tech. 2017-21 batch completed research project work titled "Prediction of residual strength of corroded RC structures"
2.	Project Management Institute, PMI Chennai chapter	Academic	March & 2021	Ongoing		Organize seminars, conferences and training programmes and provide certification for students in project management.

## 17. Professional Society Activities

Sl. No.	Name of Society	Type of activity	Details of Participants			Details of Guest speaker	Outcome	Remarks
			Faculty	Student	Others			
1.	Society of Civil Engineers	Webinar on “Bridges & its Protective Measures”	2	40	-	Er. M. Ravikumar, Deputy General Manager (Structural Division), L & T Infrastructure Development Projects Limited, Chennai	The students understood Basic configuration and components of bridge structures Construction techniques adopted in Bridge Construction. Bridges for Metro Rail. Maintenance and Rehabilitation of Bridges to increase design life period.	-
2.	Society of Civil Engineers and American Society of Civil Engineers	Inauguration of Society of Civil Engineers and Webinar on Bridges – History of Evolution and thereafter	15	70	-	Dr. N. Gopalakrishnan Director / Scientist CSIR- Central Building Research Institute (CBRI), Roorkee	The students understood The Evolution of bridge construction at various years.	-
3.	Society of Civil Engineers	Webinar on “Rain Water Harvesting for Urban Areas”	3	80	-	Dr. Sekhar Raghavan, Director, Rain Centre, Adyar, Chennai	Highlighted the importance of Rainwater and its	-

							conservation through various methods.	
4.	Society of Civil Engineers	Webinar on Career Opportunities in Civil Engineering	2	41	-	Dr. Leon Raj, Scientist from CSIR-North East Institute of Science & Technology, Jorhat, Assam	The students were benefitted in understanding the various opportunities related to government sectors, private sectors and as an entrepreneur.	-
5.	Society of Civil Engineers and American Society of Civil Engineers	National Level Technical Symposium "CIVICLAN 2K21"	6	139	-	Er. R. Gowthaman, Additional Chief Engineer Civil (Retd.), Tamil Nadu Electricity Board Chennai	The students were given awareness about the application of civil engineering in power sectors and job opportunities. Enhanced the visibility of the department among B.Tech, students of other institution by conducting various technical and non-technical events.	-

## 18. MoUs Signed

Sl. No.	Name of the firm/Institute	Type of Collaboration	Details of MoU			Outcome	Current status
			Day	Month	Year		
1.	Hitech Concrete Solutions Chennai Private Limited	Academic and Project Collaboration	25	06	2020	Industrial expert as member in Board of Studies of the department, Partial delivery of course for students, Field visit arranged for students on soil stabilization by lime grouting technique in association with industry	Active
2.	National Highway Authority of India (NHAI)	Project Collaboration	15	02	2021	Collaboration with Institute for Institutional Social Responsibility Research projects works for UG and PG students & Adopting of National Highways stretches under Regional Office, Chennai.	Active
3.	Membrane Hitec Division of Titanium Equipment and Anode Manufacturing Company Private Limited	Project Collaboration	25	03	2021	Establishment of Membrane Bioreactor treatment unit - Pilot Scale wastewater treatment Plant, Consultancy services in testing of water and wastewater	Active

### 19. Extension Activity Conducted

Sl. No.	Type of extension activity	Details of Participants			Details of beneficiaries	Programme duration	Outcome
		Faculty	Student	Others			
1.	CRESWIZARD 2021(Competition for school students)	-	19	-	School students (X to XII)	1 day	Motivation of students to face competitions and to increase visibility of the department among school students
2.	Webinar on Digital learning	-	25	-	School students (XI and XII)	1 day	Imparted training on usage of various digital platforms for learning effectively
3.	Technical Quiz Contest (Competition for polytechnic students)	-	134	-	Polytechnic students	1 day	Helped the students to face Competitive examinations and also to enhance visibility of the department among Polytechnic colleges
4.	Unnat Bharat Abhiyan	2	14		Village people	1 day	Village survey regarding rural infrastructure
5.	Webinar on Career Advancement for Diploma Students in Civil Engineering	-	125	-	Polytechnic students	1 day	Helped the students to understand the importance of career advancement and various opportunities after their diploma degree.

## 20. Any other Information

A faculty startup Dr. Haji Building Repair Solutions (Low cost sustainable building) is incubated in CIIC by Dr. M S Haji Sheik Mohammed, Professor/Civil Engineering and Dean (AA).

**DR. HAJI BUILDING REPAIR SOLUTIONS**

**Crescent Innovation Incubation Council**  
(A Section 8 Company Under Companies Act 2013)

**Dr. M.S. Haji Sheik Mohammed**  
Professor - Civil Engineering  
Dean - Academic Affairs

The venture develops and suggests feasible and cost effective concepts, materials, systems and techniques for repair, rehabilitation and retrofitting of buildings to enhance the service life of buildings and to contribute the socio-economic progress of the country through savings to the common public in the long run.

The venture offers online / offline solutions in the areas viz. Repair and Rehabilitation of buildings to enhance the service life of buildings. Offers solutions for retrofitting of buildings to enhance serviceability conditions, for seismic up-gradation, accommodate different usage etc. Provides durability related quality assurance documents for newly constructed RC structures.

**Benefits**

- ✓ Site visits (In person / virtual)
- ✓ Root cause identification
- ✓ Selection of repair techniques and materials for repair
- ✓ Strategy for execution
- ✓ Submission of detailed report
- ✓ Quality monitoring & trouble shooting
- ✓ Durable measures for new building constructions (Materials & Methodology)

**Unique Products**

- Anticorrosive Coating
- Concrete Coating
- Sacrificial Anodes
- Corrosion Inhibitors

### MOOC Courses:

- Ms. K.Kanmani - 6 weeks Course entitled "Imagery in Action" completed on September 2021 conducted by ESRI, Redlands, USA.
- Dr. A. K. Kaliluthin – 12 weeks NPTEL course on “Design of Reinforced Concrete Structures” completed on December 2020 conducted by Department of Civil Engineering Indian Institute of Technology Madras-Chennai
- Kannadasan B – 8 weeks NPTEL course on “Introduction to Civil Engineering Profession” completed on March 2021 conducted by Department of Civil Engineering Indian Institute of Technology Madras-Chennai (Silver Medal)
- Kannadasan B – 4 weeks NPTEL course on “Introduction to History of Architecture in India” completed on March 2021 conducted by Department of Humanities and Social Sciences Architecture Indian Institute of Science Education and Research Pune.
- Kannadasan B –12 weeks NPTEL course on “Introduction to Internet of Things” completed on April 2021 conducted by Department of computer science engineering Indian Institute of Technology Kharagpur.
- Kannadasan B –12 weeks NPTEL course on “Geographic Information Systems” completed on April 2021 conducted by Department of Earth science engineering Indian Institute of Technology Roorkee.

- Kannadasan B –12 weeks NPTEL course on “Remote Sensing: Principles and Applications” completed in April 2021 conducted by Department of Civil engineering Indian Institute of Technology Bombay.
- Kannadasan B –12 weeks NPTEL course on “Urban Transportation Systems Planning” completed in April 2021 conducted by Department of Civil engineering Indian Institute of Technology Kharagpur.
- Kannadasan B –15 weeks SWAYAM course on “City and metropolitan Planning” completed on May 2021 conducted by Department of Urban Planning, School of Planning and Architecture, New Delhi

### **Testing / Consultancy works & Amount generated**

The department involves in consultancy activities like executing repair & rehabilitation works, material testing works, design and validation of STP, soil testing and material stability for various Government, Semi-Government and Private agencies. The amount generated through consultancy and testing in the academic year 2020-21 is Rs. 1, 20,000 (Rupees One lakh and twenty thousand)

### **Industry Institute Meet 2021**

Virtual Industry Institute Meet was conducted on 29.05.2021 from 10.00 AM to 01.00 PM. The main aim of the industry meet was to bridge the gap and promote interaction between industry and Institute. This meet aimed at nurturing and enhancing relations with the builders, architects and many renowned expertises in the field of Civil Engineering. The major modes of interaction of the Department with the industries included Internship for students, Placement, Scholarships/fellowships instituted by industries, Participation of experts from industry in curriculum development, Professional consultancy by the faculty to industries, Memoranda of Understanding, Workshops, conferences and symposia with joint participation of the faculty and the industries, R&D Laboratories sponsored by industries at the Institute. Industrial experts from several reputed industries such as M/S L & T Construction, Chennai, M/S JK White Cement, Chennai M/S. Capital Land India, Chennai, M/S Larsen & Toubro, Bhopal, M/S. Saint-Gobain India Pvt Ltd – Glass Business, Chennai, M/S Ion Exchange India Limited, Bangalore actively participated in the industry Institute Meet and offered valuable suggestions for the benefits of students in terms of skill development, placements, higher studies etc.

Industry Institute meet by Departm... X

REC D Dean (School of Infrastructure Sciences) is presenting

Participants (49):

- Subhamatru Kumar
- Surendar durairaj
- Tarun selvam
- Vary vary
- Veelan Chidambaramanathan
- Virapan S
- Wasif Yuhari

Presenting: Priya V.S., Dean (School of Infrastructur...)

Slide Content: SALIENT FEATURES OF THE DEPARTMENT

Year of Establishment: 1984

PROGRAMMES OFFERED:

- 2001 Civil Engineering
- 2002 M.Tech. in Structural Engineering
- 2003 M.Tech. in Geotechnical Engineering
- 2007 M.Tech. in Soil and Water Logging

Faculty members: 16

Students: 100

Research Projects: 10

Department of Civil Engineering, Crescent Institute of Science and Technology

Industry Institute meet by Departm... X

REC D Dean (School of Infrastructure Sciences) is presenting

Participants (50):

- Havi Banikar
- Revathy J
- Roopa V
- Salma Syed
- SHABIR AKBARI
- Shafeer Ahamed
- Sheik Farid.A

Presenting: Priya V.S., Dean (School of Infrastructur...)

Slide Content: SPONSORED PROJECTS (ONGOING)

TITLE OF THE SPONSORED PROJECT	NAME OF THE FUNDING AGENCY	START DATE	VALUE (IN INR LAKHS)
Structural behavior of reinforced concrete composite (Incorporating FRP) systems and extension life using cathodic protection	Dr. Anbar Kumar Deshpande, Department of Civil Engineering, IIT Chennai, Chennai, India	2017-2020	30.00
Evaluation of Self-Healing concrete (SHC) systems for various types of Concrete Structures	Dr. S. Subrahmanian, Department of Civil Engineering, IIT Chennai, Chennai, India	2017-2020	25.00
Corrosion Protection and service life extension of reinforced concrete (RC) structures in existing Buildings	Dr. S. Subrahmanian, Department of Civil Engineering, IIT Chennai, Chennai, India	2017-2020	18.50
Seismic behavior of light weight concrete filled FRP tubular columns	Dr. S. Subrahmanian, Department of Civil Engineering, IIT Chennai, Chennai, India	2017-2020	10.00
Microsimulation and Opposite of Structural Lab - Non destructive testing	Dr. S. Subrahmanian, Department of Civil Engineering, IIT Chennai, Chennai, India	2017-2020	10.00

Department of Civil Engineering, Crescent Institute of Science and Technology

## Alumni Meet 2021

Virtual Alumni Meet was conducted on 05.06.2021. Around 90+ Alumni attended the meet from almost all parts of the world. The main aim of the Alumni meet was to cherish their old memories and, in the process, help us in showcasing the wonderful alumni to the juniors and motivate them by sharing their experiences, by guiding them on various career paths available in Civil Engineering Field, building confidence in them to take on this world and open the universe of opportunities waiting for them. Finally, the alumni meet was a great success in its prime motive of Connecting and Networking the alumnus, the management, the faculty and the final year students.





Alumni Meet - 2021