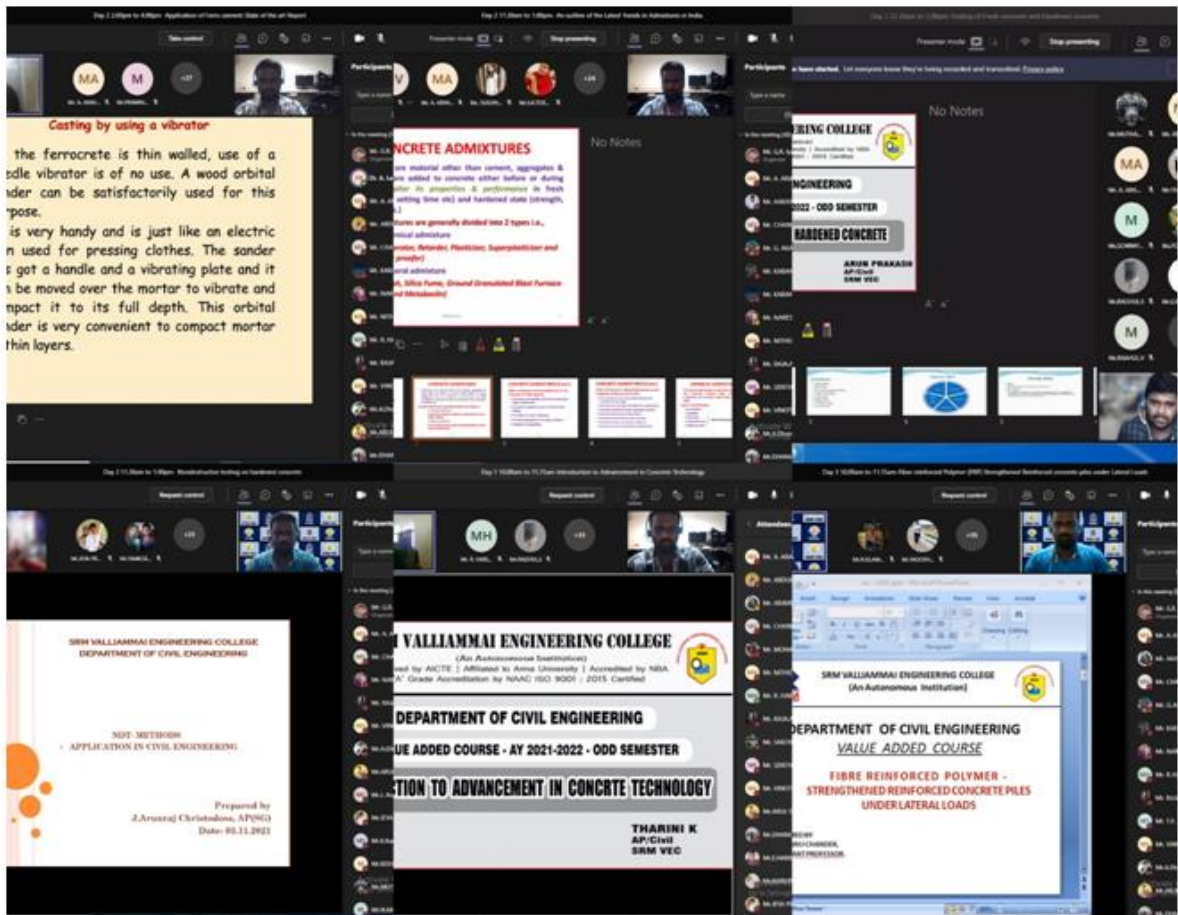
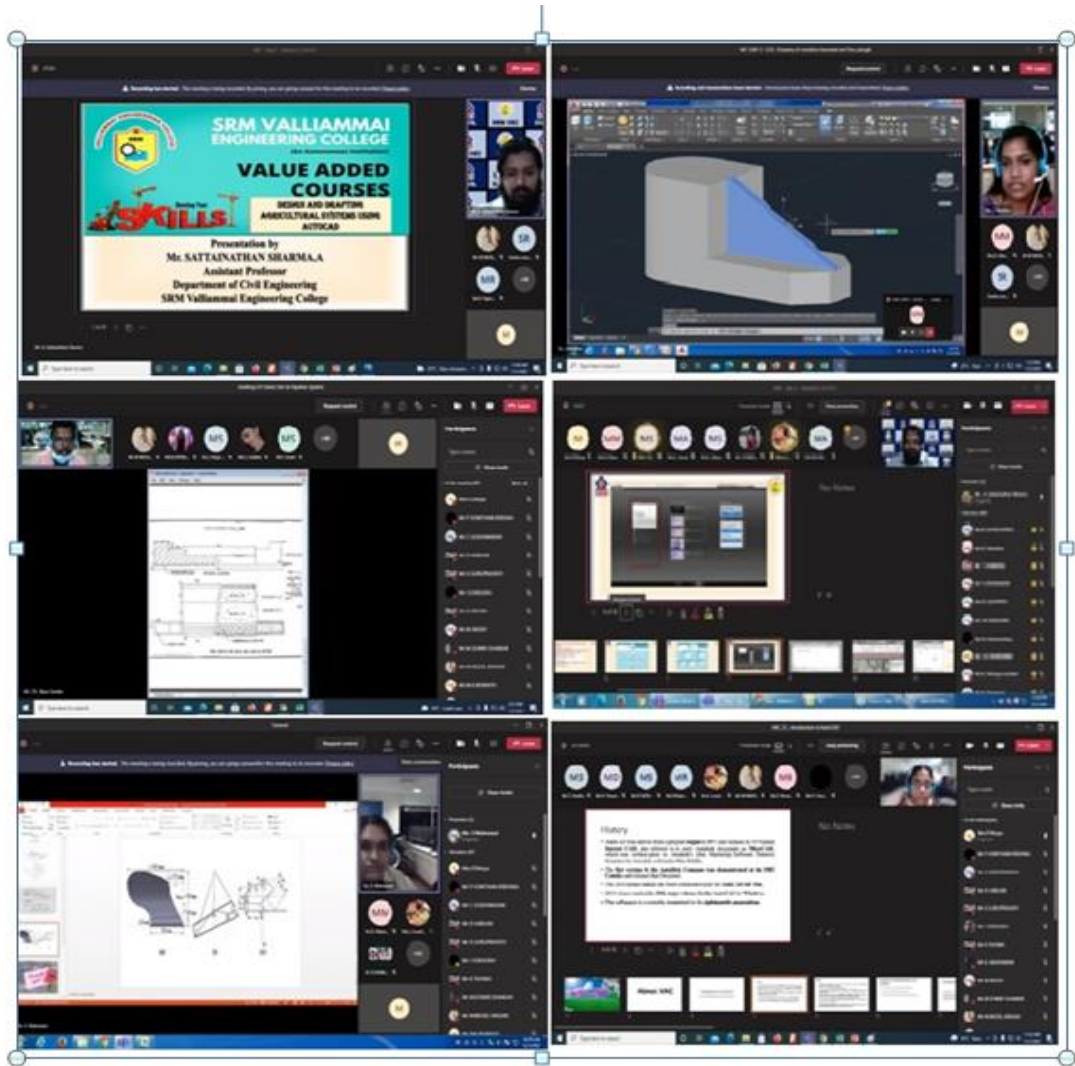


ACADEMIC YEAR 2021-2022

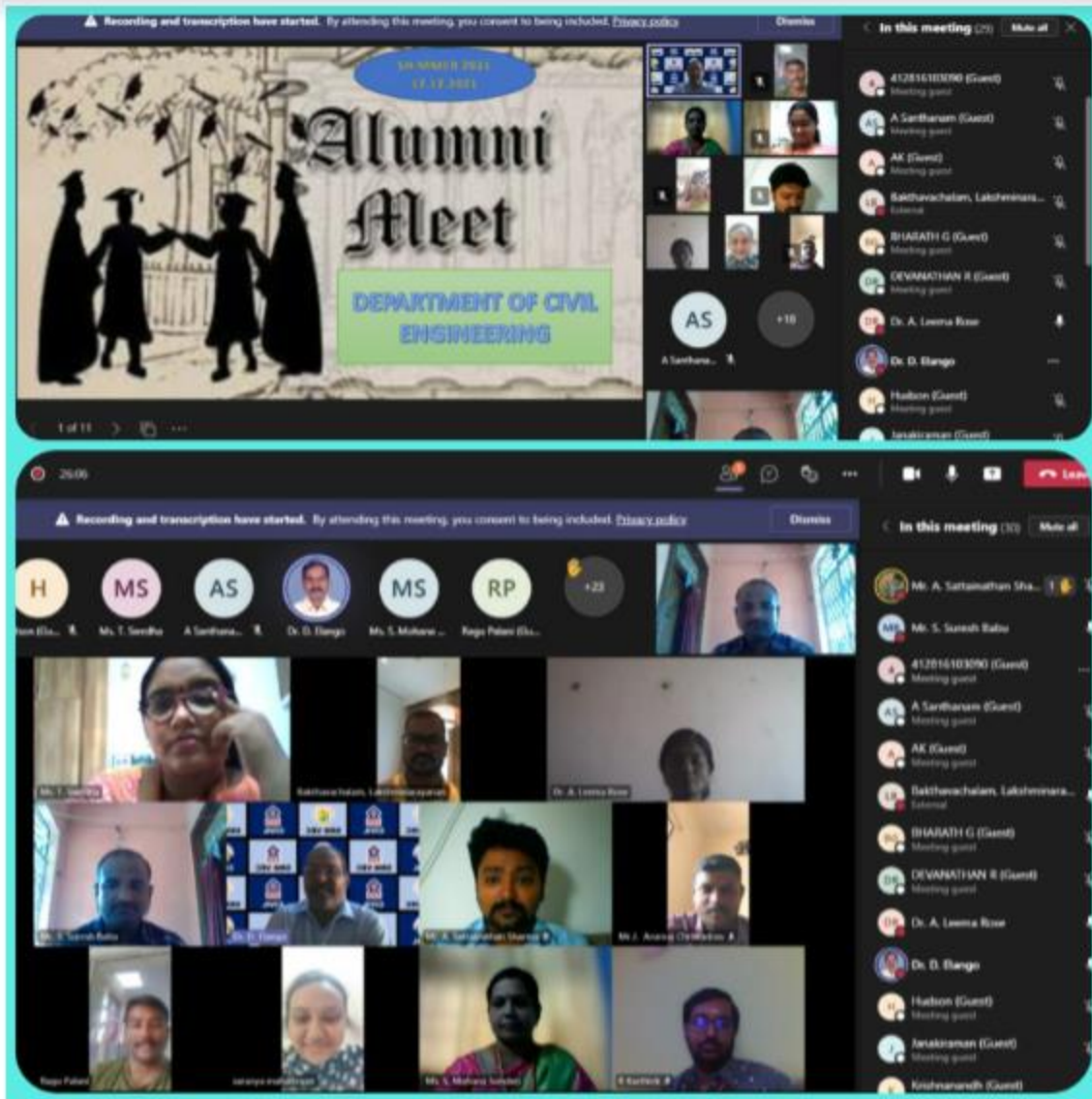
Department of Civil Engineering organized a Value Added Course on 'Advancement in Concrete Technology' from 1st Nov2021 to 3rd Nov2021. The course coordinator was Mr.G.R.Iyappan, Asst Professor (O.G). 63 students participated in this course.



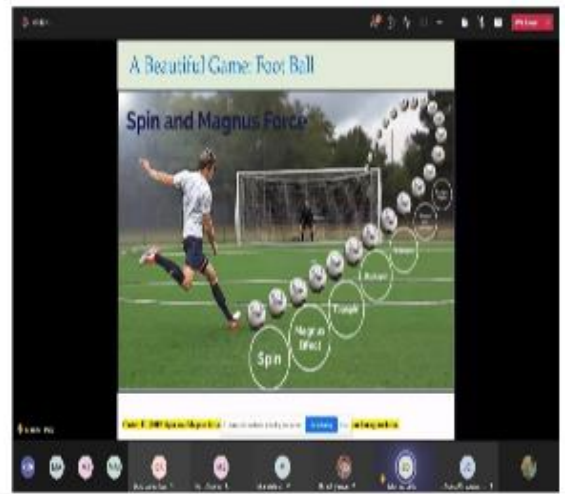
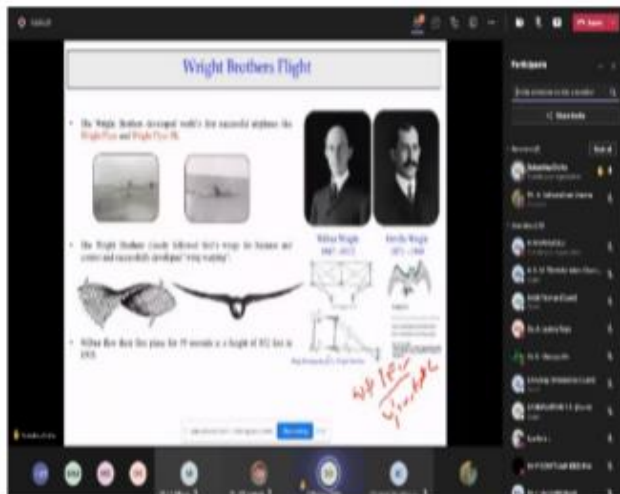
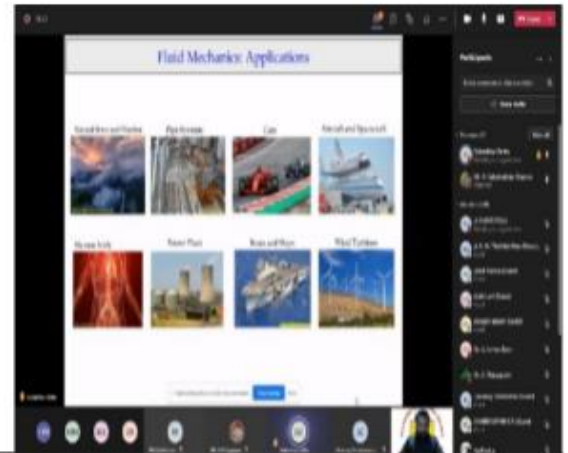
Department of Agriculture Engineering organized a Value Added Course on 'Training on Design and Drafting Agricultural Systems using AutoCAD' from 1st Nov2021 to 3rd Nov2021. The course coordinator was Ms.P.Dhivya, Asst Professor (O.G). 76 students participated in this course.



The Online Digital Alumni Meet was conducted on 12th Dec 2021 at 11.00 am to 12.15 pm through the Digital Platform MS-Teams. The Alumni from 2013 batch to 2020 batch were invited. The annual alumni report was presented by Dr.D.Elango, Professor and Head, Department of Civil Engineering. Later the alumni shared their experiences about their college life. The number of alumni who attended the alumni meet was 30.



The department of Civil Engineering in association with Institution of Engineers, Institution Innovation Council and Indian Society for Technical Education organized a Technical Talk on ‘Challenges in Fluid Mechanics’ on 4th August 2021 from 02.00 p.m to 3.30 p.m. Around 150 participants including faculty members, students, Industry persons and research scholars from various institutions participated in this online event through Microsoft teams. The guest speaker was Prof. Subashisa Dutta, IIT Guwahati.



The department of Agriculture Engineering in association with Institution of Engineers, Institution's Innovation Council and Indian Society for Technical Education organized a Technical Talk on 'Improving Soil Fertility by Enhancing Cation Exchange Capacity' on 14th August 2021 from 06.00 p.m to 07.00 p.m. Around 75 participants including faculty members, students and research scholars participated in this online event through Microsoft teams. The guest speaker was Mr. R. Ramarathnam, Lecturer, Government Polytechnic College, DOTE, Guindy, Chennai.

What gives the fertility to the soil?

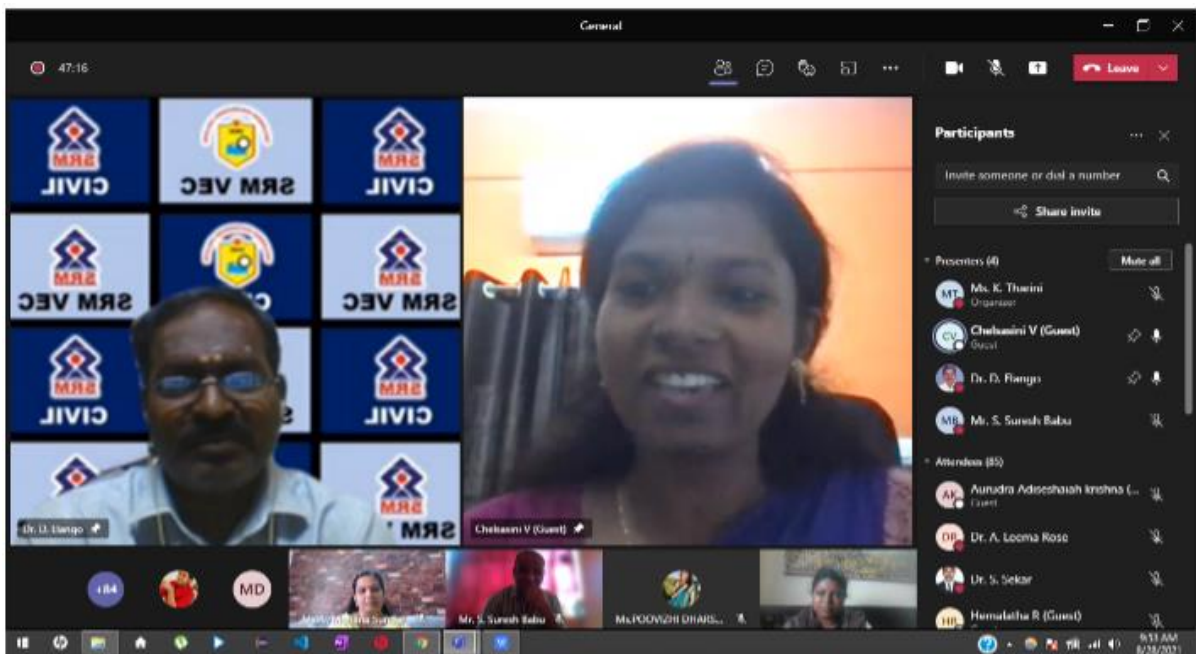
N	Nitrogen	
P	Phosphorus	
K	K - Kalium / Potassium	

Soil Adsorption

The nutrients should get adsorbed to the soil grains.

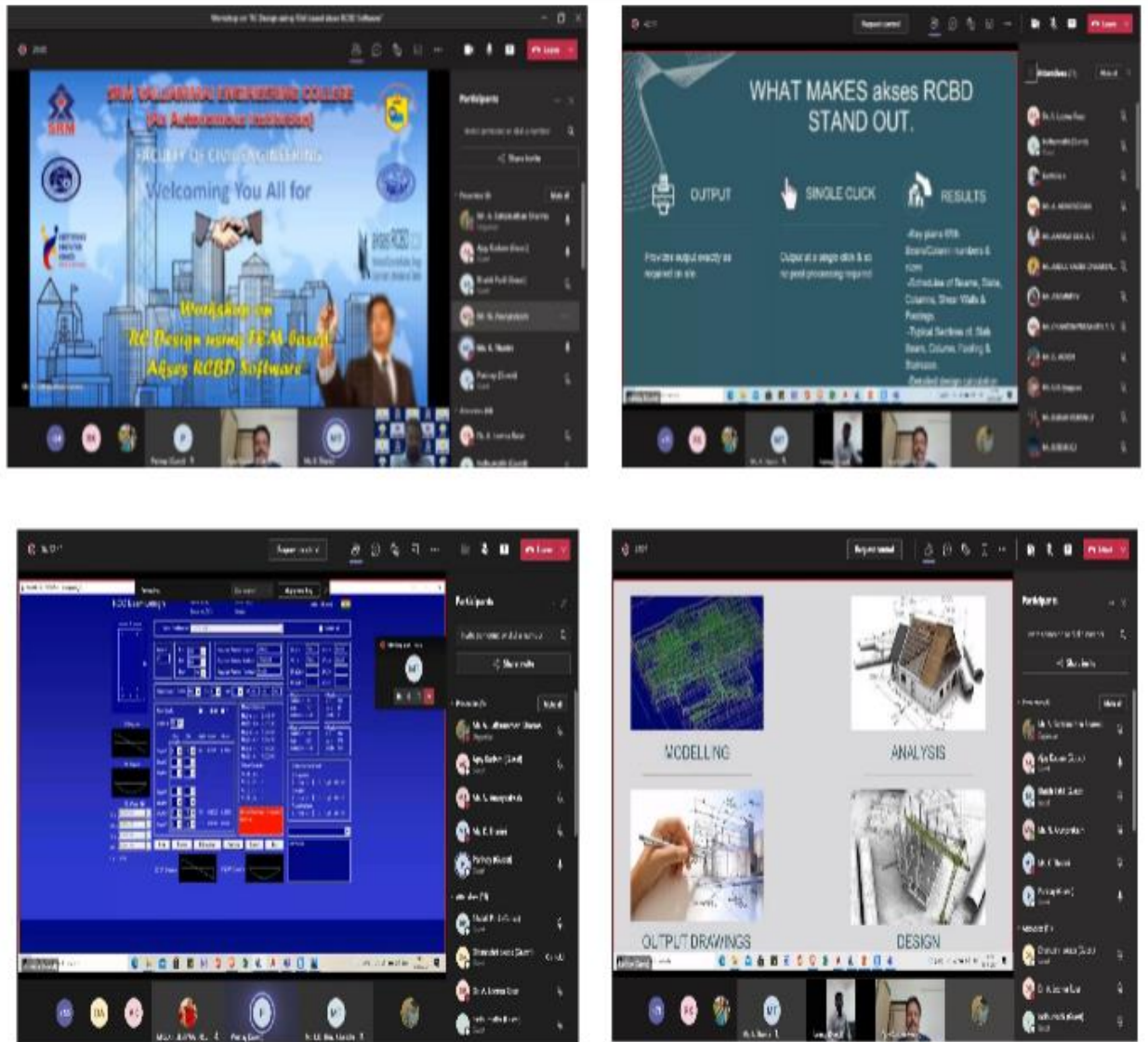


The department of Civil Engineering in association with Indian Society for Technical Education Faculty & Student Chapter, Institution of Engineers (India)-VEC Student Chapter and Civil Engineers association organized the ninth National Level Students Technical Symposium ‘CONSTRUO 21’ on 28th August 2021 in Virtual mode (MS Teams). The symposium was presided by the Head of the department, Dr. D.Elango and it was inaugurated by Ms. V.Chelsasini, IAS, Sub Collector and Sub Divisional Magistrate, Kozhikode, Kerala. Ms.V.Chelsasini is an Alumnus of our college. Technical events like paper presentation, poster presentation, technical quiz and non-technical events like bridge-it, adzap, Construo-Reels were conducted. Around 90 technical papers were received, out of which 25 papers were selected for presentation. Totally 108 students from various engineering colleges across Tamil Nadu participated in technical and non-technical events. The best performers were rewarded during the valedictory function.



The department of Civil Engineering in association with Institution of Engineers, Institution Innovation Council, Indian Society for Technical Education & akses RCBD software organized a workshop on ‘RC Design using FEM based Akses RCBD Software0 on 30th August 2021. Around 75 participants including faculty members, students, Industry persons and

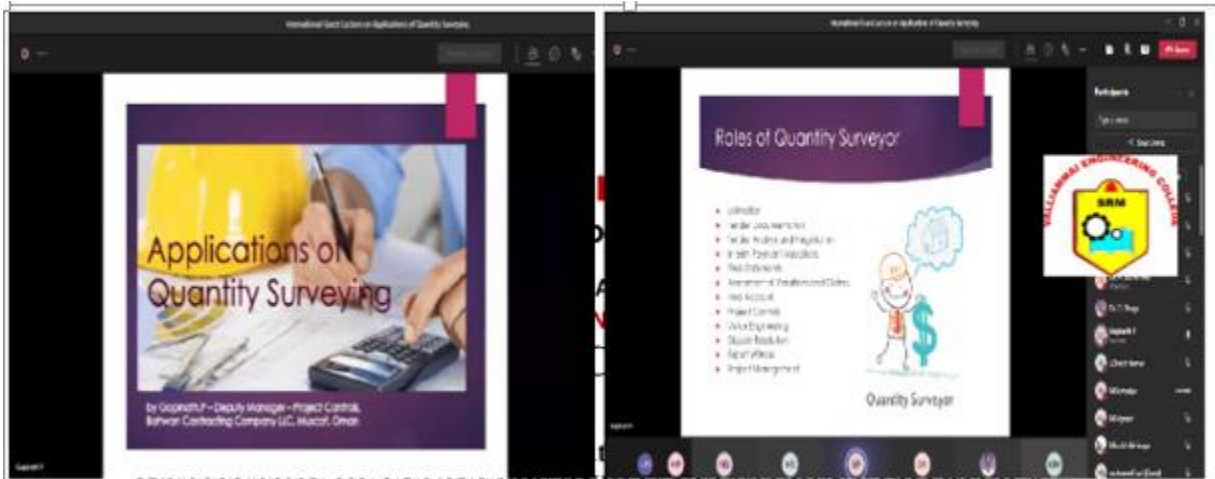
research scholars from various institutions participated in this online event through Microsoft teams. The guest speaker was Er. Ajay Kadam, Founder, Chairman, and Managing Director of Ajay Kadam Associates Pvt Ltd.



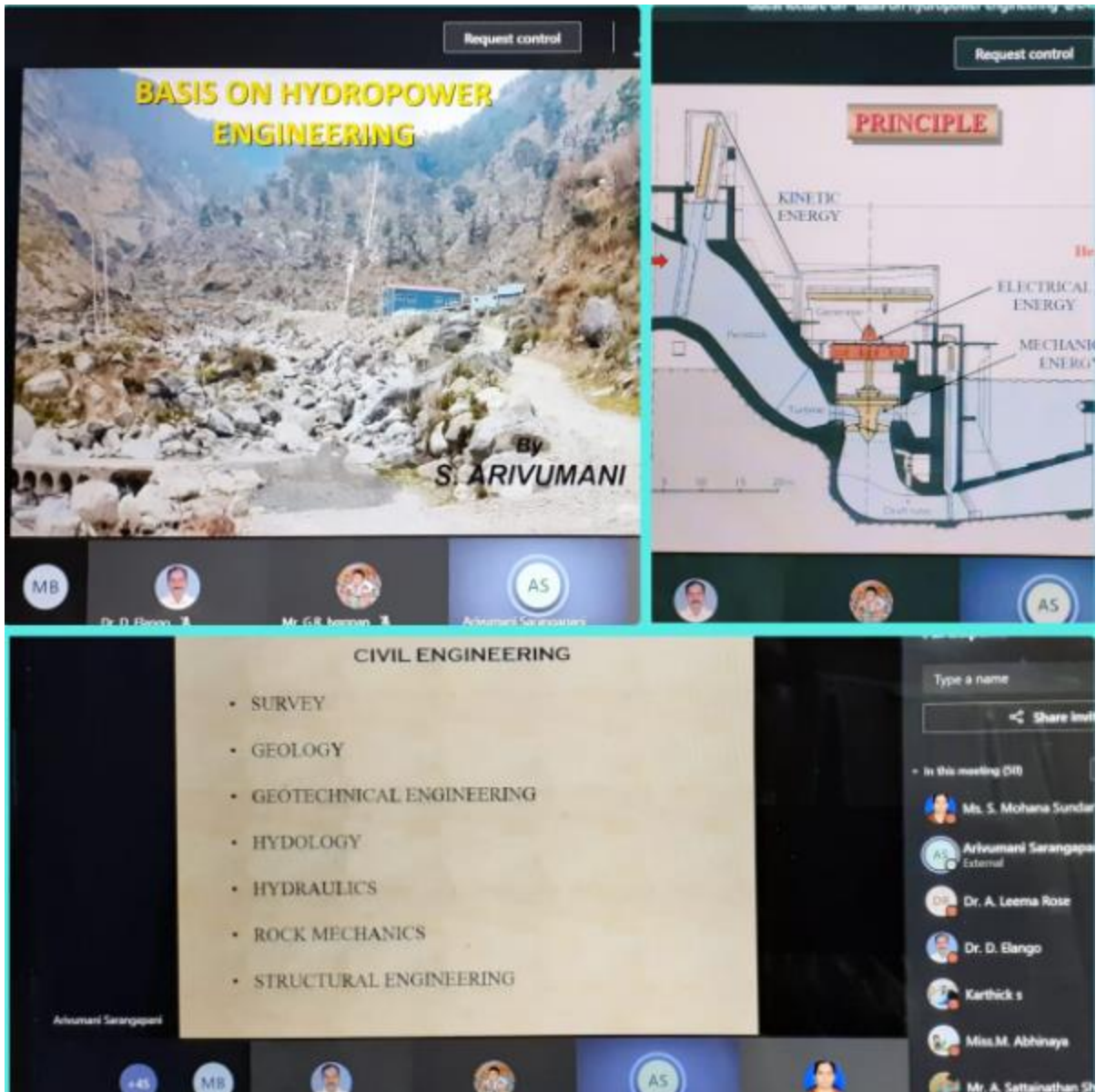
The department of Civil Engineering, in association with Industry-Institute Partnership Cell, Institution's Innovation Council, Institution of Engineers and Indian Society for Technical Education organized a Technical Talk on 'Making of Durable and Sustainable Concrete' on 24th September.2021from 06.30 p.m to 07.30 p.m. Around 90 participants including external industrial participants, faculty members and students participated in this online Technical Talk through Microsoft teams. The

ACADEMIC YEAR 2020-2021

Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized a Guest Lecture on “Application of Quantity Surveying” on 17.04.2021 at 07.00PM to 08.00PM. Around 90 participants including faculty members, students and research scholars from various institutions have participated in this online Guest lecture through Microsoft teams. The guest speaker was Mr.P.Gopinath, Deputy Manager, Project controls, Bhawnas Engineering Company LLC, Muscat, Oman.



Department Of Civil Engineering has organized an Online Guest Lecture in association with IEI & ISTE on “BASIS ON HYDROPOWER ENGINEERING” on 24.04.2021 at 07.00 pm to 08.00pm through Microsoft Teams app to the Civil Engineering and Agriculture Engineering students. The Guest speaker is Mr.S.Arivumani, Senior Manager, Tractebel Engineering Pvt.Ltd, Gurgaon, Haryana.



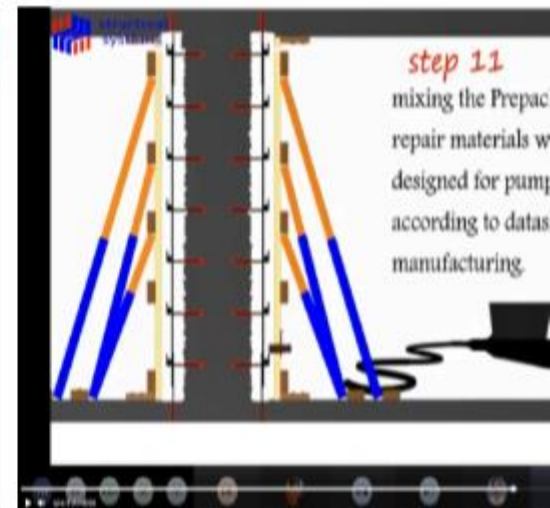
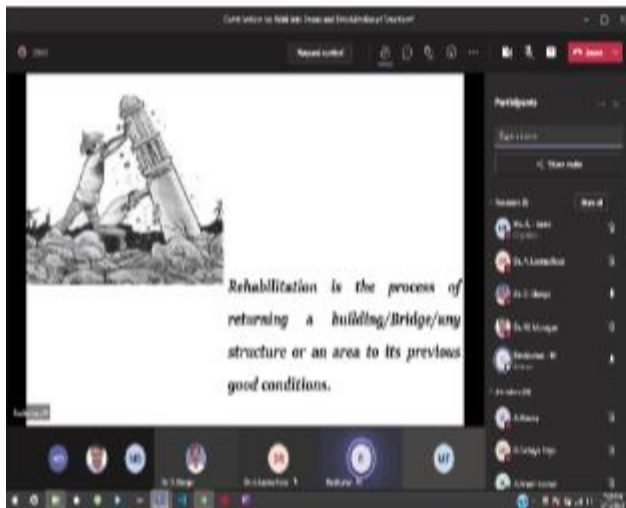
Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized a Guest Lecture on “Roles of Practicing Civil Engineers” on 29.04.2021 at 7.00 P.M.to 8 P.M. Around 70 participants were participated for this virtual guest lecture through Microsoft teams. The guest speaker is Dr. L.K. Rex, Consulting Civil Engineer, Pondicherry.

Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized World

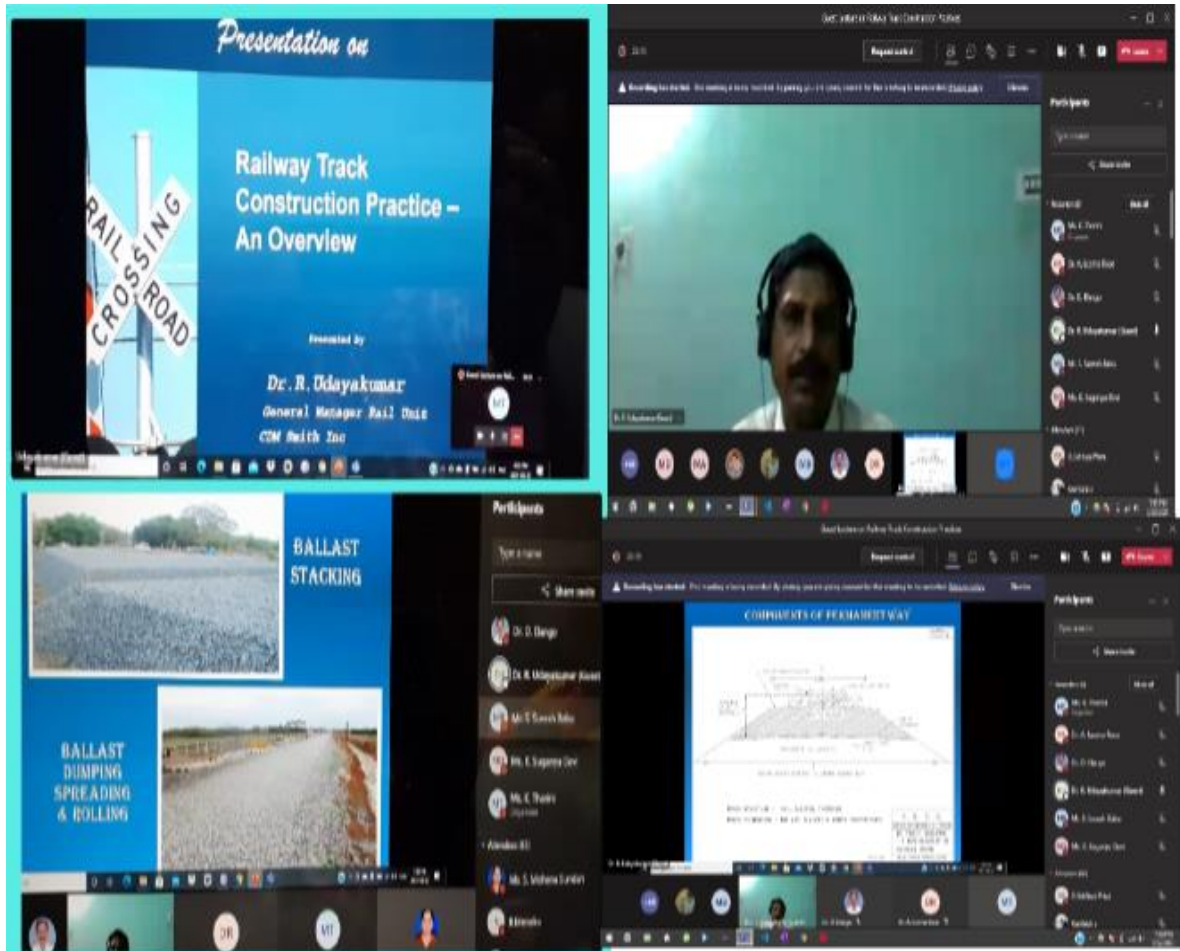
Environment Day Lecture on “Zero Waste Management” on 05.06.2021 at 06.00 PM to 08.00 PM. Around 93 participants including faculty members, students and research scholars from various Institutions have participated in This online lecture through Microsoft teams. The guest speaker was Dr.D.ELANGO, Professor & Head, Department of Civil Engineering, SRM Valliammai Engineering College.



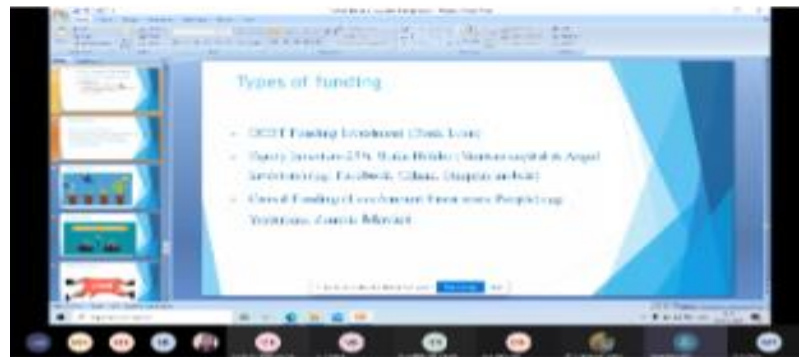
Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized a Guest Lecture on “Walk into Repair and Rehabilitation of Structures” on 13.03.2021 at 07.00PM to 08.00PM. Around 90 participants including faculty members, students and research scholars from various institutions have participated in this online Guest lecture through Microsoft teams. The guest speaker was Mr.M.Ravi Kumar, Deputy General Manager, Structural Division, Roads & Bridges, L&T IDPL, Chennai.



Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized a Guest Lecture on “Railway Track Construction Practices “on 22.03.2021 at 07.00PM to 08.00PM. Around 105 participants including faculty members, students and research scholars from various institutions have participated in this online Guest lecture through Microsoft teams. The guest speaker was Dr.R.UDHAYAKUMAR, General Manager, Rail Unit CDM Smith Inc., Chennai.

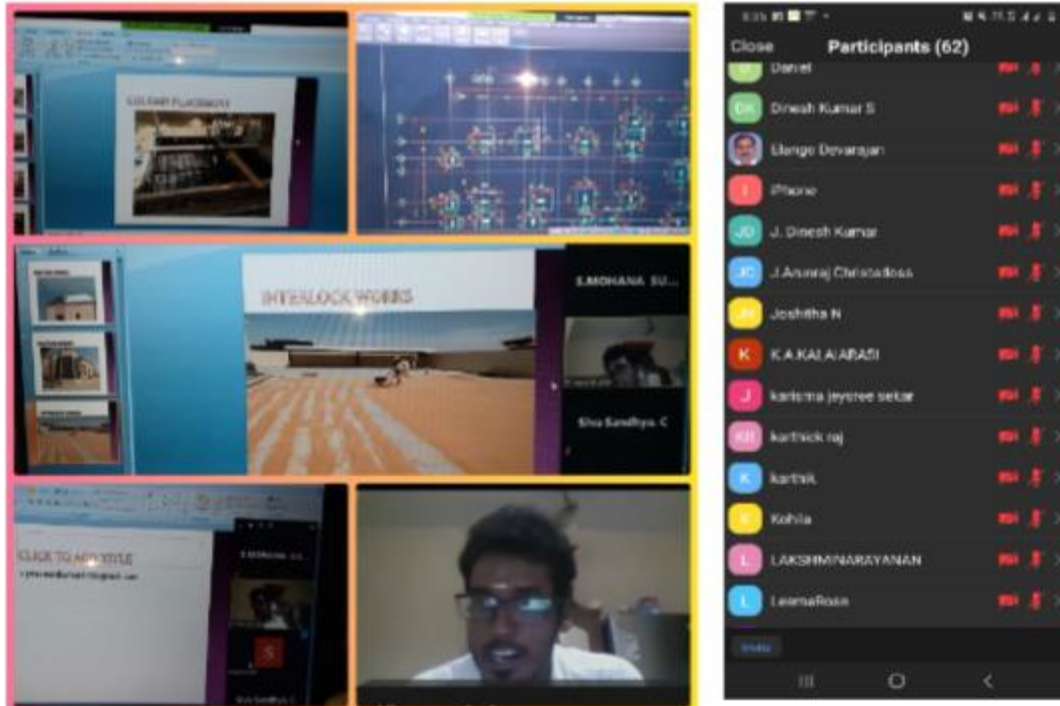


Department of Civil Engineering in association with Institution's Innovation Council, Institution of Engineers and Indian Society for Technical Education organized a Motivational Talk on "How to Plan a Start-up, Legal and Ethical Steps" on 26.03.2021 at 06.00PM to 07.00PM. Around 110 participants including faculty members, engineering students and business administration students have participated in this online Motivational Talk through Microsoft teams. The guest speaker was Mr.A.Selvakumar, Training Coordinator, Entrepreneurship Development & Innovation Institute, under the Department of MSME, Government of Tamilnadu.



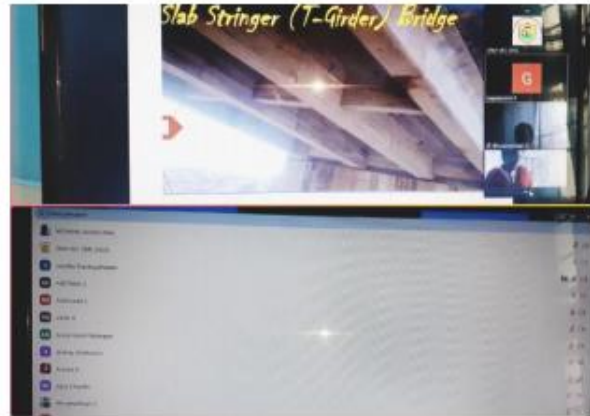
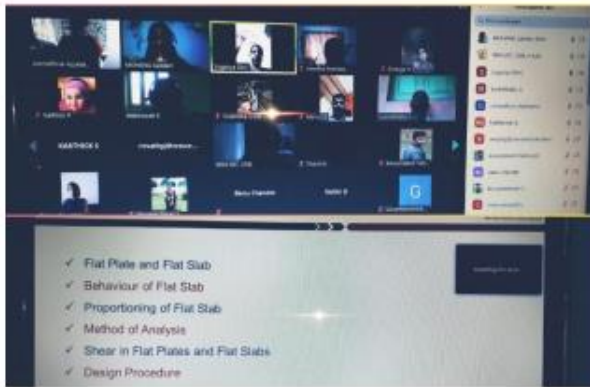
Department of Civil Engineering in association with Institution of Engineers(IEI) and Indian Society for Technical Education(ISTE) organized a Guest Lecture on “RECENT ADVANCES IN SOLID WASTE MANAGEMENT” on 27.03.2021 at 07.00pm to 08.00 pm through Microsoft Teams app to the Second year Civil and Agriculture Engineering and Third and final year Civil Engineering students. The Guest speaker is Dr.K.Radhika ,Associate Professor & Head, Department of Civil Engineering, St.Peter’s Engineering College, Hyderabad.

The Department of Civil Engineering in association with Institution of Engineers (IEI) and Indian Society for Technical Education (ISTE) organized a International Guest Lecture on “Challenges Faced By Civil Engineers In Construction Field” on 25.9.2020 at 7.00 P.M to 8.30 P.M through Zoom Platform. Around 70 participants were participated for this guest lecture. The Guest speaker is PG alumni 2016 batch Mr.T.H.PRAVEEN KUMAR, Project Engineer, Abdul Khaliq Building Contracting LLC, Sharajah, UAE.



ACADEMIC YEAR 2019-2020

The Department of Civil Engineering in association with the Institution of Engineers(I) and Indian Society for Technical Education organized five days online Faculty Development Programme (FDP) “Foundation Engineering, Fluid Mechanics and Structural Design for Civil Engineers” during 11.05.2020 to 15.05.2020. Around 70 participants attended the online Faculty Development Programme from various Institutions all over India.



The Department of Civil Engineering has conducted a talent hunting program “Skillerz’20” for 12th and Polytechnic Students. We have conducted various events like quiz, memes, video making, aspirant building and speak through art. Around 78 students participated and E-certificate were given.

Department of Civil Engineering in association with Institution of Engineers (India) and Indian Society for Technical Education organized a Guest Lecture in “**Improvement techniques in Soil Structure**” on 05-02-2020. The speaker is **Dr. R. Angelin Prabhavathy**, Professor, Hindustan Institute of Technology and Science, Padur, Chennai.

QUEST LECTURE ON "RECENT ADVANCES IN SOLID WASTE MANAGEMENT"

RECENT ADVANCES IN SOLID WASTE MANAGEMENT



by
Dr.K.Radhika ME.,Ph.D.,
 Associate Professor and Head, Dept of CE
 St.Peter's Engineering College
 Hyderabad
 Email idradhika_802003@rediffmail.com

RECYCLING POTENTIAL

RECYCLING POTENTIAL	SPECIAL CONDITIONS
<ul style="list-style-type: none"> It has a high market value. It can be recycled easily by shredding and melting. It can be recycled indefinitely because it does not deteriorate through reprocessing. It requires significantly less energy than producing aluminium ore. It recovers valuable metals. It protects environment from heavy metals such as lead, cadmium, and mercury. 	<ul style="list-style-type: none"> Separate collection is important There is a large variety in types and of batteries. Only some types allow adequate material recovery.

BIOMETHANATION



Mixer, Solar heater, Thermophilic reactor, Methane holder, Anserobic digester, Manure pits, Methane utilisation, Recycle water tank, Nisargruna Biogas Plant

Participants

- Dr. K Radhika, External
- Ms. J. Nandhini
- Ms. K. Tharini, Organizer
- Attendees (8)
- A.Meena
- J.Dinesh kumar
- Karthick s
- Miss.M. Abhinaya
- Mr. A. Sathishkumar Sharma

Department of Civil Engineering in association with Institution of Engineers (India) and Indian Society for Technical Education organized a Guest Lecture in “**Improvement techniques in Soil Structure**” on 05-02-2020. The speaker is **Dr. R. Angelin Prabhavathy**, Professor, Hindustan Institute of Technology and Science, Padur, Chennai.



Department of Civil Engineering organized a Value Added Course on “**Analysis Software Using STADD Pro**” from 05.02.2020 to 26.02.2020. The course was handled by, **Mr.G.R.Iyappan**, Assistant Professor (O.G) -Civil. 45 students participated in this course.

Department of Civil Engineering has organized a National Level Workshop on '**National Workshop on Software Applications in Civil Engineering**' for two days (06-06-2020 and 07-02-2020). The Guest speaker is **Mr.Pradeep**, BIM Manager, DE NOVO SOFTWARE SOLUTION.



Department of Civil Engineering has conducted an awareness program on “**Novel Corona Virus**” to the Teaching and Non Teaching staff on 13-02-2020. The same was discussed with the students.



Department of Civil Engineering has organized a one day National Level Workshop on 'National Workshop on Structural Design of Building Systems' on 15-02-2020.

Dr.V.Kalyanaraman, Former Professor, IIT Madras inaugurated the workshop and gave a lecture on the topic "Methods of Analysis to Structural Design".

In the second half of the forenoon session, **Dr. Sreenath**, Design Manager, L&T briefed about "Design of Composite Building". In the afternoon session Three lectures were presented. First one is on "ETABS Analysis-Design" by **Dr.Mashudha Sultana**, Project Scientist, IITM. Second one is given by **Dr. C.V.R. Murthy**, Professor, IIT Madras on the topic "Challenges in Structural Design". Last session is handled by **Mr.Charan Raju**, Senior Design Engineer, COWI on the topic "Future Trends in Structural Design".



Department of Civil Engineering has organized a National level Technical Symposium "Construo 2020" on 21-02-2020. **Mr.N.Prabakaran**, Chief Officer, Highways Department was the Chief Guest. Around 200 students from various colleges participated in Four Technical and Four Non-Technical Events. Prizes were distributed by the Head of the Department in the valedictory function.



Students who have secured “S Grade” in University Examination were awarded with books by the Head of the Department on 10-03-2020.



Department of Civil Engineering organized a Guest Lecture on “Sequential batch reactor (SBR) in Aerobic Treatment” on 10-03-2020. The speaker is Mr.Adarsh Sridharan, Manager, Smart Water Management of Green Environment,Chennai.



- The Department of Civil Engineering organized an '**Entrepreneurship Awareness Camp**' sponsored by Entrepreneurship Development Institute of India, Ahmedabad, National Science and Technology Entrepreneurship Development Board, DST, Govt. of India (DST-NIMAT Project 2018 – 19) from 07.01.2019 to 09.01.2019. Totally, 82 students participated.
- The Department of Civil Engineering organized a Value Added Course on the ‘Analysis Software Using STADD Pro’ from 30.01.2019 to 21.02.2019. The course was handled by, Mr.G.R.Iyappan, Assistant Professor (O.G) -Civil. Totally, 63 students were enrolled in this course
- The Department of Civil Engineering organized a one day National Level Workshop on the '**Introduction to Building Information Modeling (BIM) tool (REVIT)**' on 02.02.19. The Guest speaker was Mr.Pradeep, BIM Manager, and DE NOVO Software Solution. He explained the design of building and structure and its components in 3D, annotated the model with 2D drafting elements and access building information from the building model’s database.



- The Department of Civil Engineering organized a Guest Lecture on '**Seismic Analysis of RC Framed Structures**' on 08.02.19. The Guest speaker was Dr.Senthil Selvan, Professor, and SRM University.



- The Department of Civil Engineering and Industry-Institute Partnership Cell in association with the ISTE Faculty and ISTE student chapter, Institution of Engineers (I) student chapter organized a Technical Talk on the ‘**Typical Constructions with Quickbuild Panels**’ on 25.02.2019. Mr.P.J.Lawrence, Sr.Manager –Technical Development, Beardsell Limited was the Guest Speaker.



- The Department of Civil Engineering in association with the ISTE Faculty and ISTE Student Chapter, Institution of Engineers (I) student chapter organized a Guest Lecture on the **‘Design Advantages in Using Sail Parallel Flange Section’** on 04.03.2019. Mr. Rajeev Bhatia, DGM (M-Core Team), Steel Authority of India Limited, New Delhi was the Guest Speaker.



- The Dept of Civil Engineering in association with the Institution of Engineers(I) organized a five day Faculty Development Programme (FDP) on '**CE6605 - Environmental Engineering – II**' from 15.11.18 to 20.11.18. Participants from various Engineering colleges participated in the Faculty Development Programme.
- Value Added Course was organized on the 'Construction Concept of Prefabricated Structures' in association with Sree Construction on 04.08.18 & 25.08.18.



Value Added Course

- A Guest Lecture was organized on the '**Application of Nanotechnology in Civil Engineering**' on 21.08.18 for the Third, Final year and PG Civil Engineering Students.

The Guest speaker was **Dr.R.Santhakumar, Professor, Department of Civil Engineering, NITTR, Taramani, Chennai.**



Guest Lecture on the Application of Nanotechnology in Civil Engineering

- A guest lecture was organized on the ‘Recent Trends in the Usage of Structural Steel’ on **10.09.2018** for the Final year Civil Engineering students and PG 1st and 2nd year structural engineering students. The Guest speaker was **Dr.S.R.Santhishkumar, Professor, Structural Division-IIT- Chennai.**



- The Dept of Civil Engineering, Valliammai Engineering College in association with the Institution of Engineers (IE(I)) Student Chapter (VEC) and the Indian Society for Technical Education (ISTE) jointly organized **CONSTRUO-2018**, the **Seventh 'National Level Technical Symposium'** on 22nd September 2018. It was inaugurated by the Chief Guest **Er. K. Venkatesan**, Immediate Past Chairman, Treasurer-Tamil Nadu, Pondicherry & Andaman Nicobar, Builders Association of India (Southern Centre).



Construo'18 Seventh 'National Level Technical Symposium'

- A Guest Lecture was organized on the '**Impact of Pesticides**' on 26.09.18 to the Third and Final year Civil Engineering students. The Guest speaker was Professor **Dr. David G. Wareham**, Dean, International and Deputy Pro-Vice Chancellor, College of Engineering, University of Canterbury, Christchurch, New Zealand.



ACADEMIC YEAR 2017-2018

- A National Research Seminar on 'Emerging Technologies in Engineering' was organized by the Depts of EEE, EIE and Civil Engineering, on 7th April 2018. The program was inaugurated by **Dr. T. S. Thandavamoorthy**, Former Deputy Director; CSIR- Structural Engineering Research Centre presided by **Dr. M. Murugan**, Vice Principal. He addressed the gathering about the emerging technologies in Engineering.



- The Dept of Civil Engineering organized a Faculty Development Programme on ‘Surveying’ on 28th and 29th of May 2018. **Dr. J. Sathish Kumar**, Assistant Professor, SRM University, **Dr. S. Vidhya Lakshmi**, Associate Professor Saveetha School of Engineering, **Mr. M. Moganraj** and **Ms. K. Sandhiya** Assistant Professor Valliammai Engineering College delivered lectures on various topics related to surveying.



FDP: ‘Surveying’

- A six day Faculty Induction/Refresher Programme was organised from 21.5.2018 to 26.5.2018 sponsored by AICTE-ISTE with the grant of Rs.3,00,000/- on the topic ‘Modern Construction Materials and Construction Techniques’. The function was inaugurated by Dr. V. Kalyanaram, Retired Professor and Head, Dept of Civil Engineering, IIT-Madras and presided by

Dr. T. P. Ganesan, Director, Valliammai Engineering College. **Dr. B. Chidhambararajan**, Principal and **Dr. M. Murugan**, Vice Principal felicitated the Event. **Dr. D. Elango**, Professor & Head, Dept of Civil Engineering, Valliammai Engineering College delivered the welcome address .



- A Guest Lecture was organized on '**Corrosion and Erosion in Coastal Structures**' on 12/02/18. The Guest speaker was Dr. M.S. Haji Sheik Mohammed, Professor & Dean, School of Infrastructure, B.S.Abdur Rahman Crescent Institute of Science & Technology.



- A Guest Lecture was organized on '**Recycling and Reuse of Wastewater**' on 16.03.18. The Guest speaker was Dr. E. Ravindranath, Professor & Head Dept of Civil, Sri Venkateswara College of Engineering



- The Dept of Civil Engineering organized a Faculty Development Programme on Soil Mechanics on 22.11.2017 & 23.11.2017.



- Department Of Civil Engineering organized a Guest Lecture on “Integrated Water Resource Management” on 11.8.17 in which **Dr.N.K.Ambujam,**

Professor & Director, Centre for Water Resources, Anna University was the guest speaker.



- The Department of Civil Engineering has organized a three day **Entrepreneurship Awareness Camp (EAC)** sponsored by 'Entrepreneurship Development Institute of India (EDI) Ahmedabad, NST Entrepreneurship Development Board, DST, Govt. of India, DST – NIMAT Project 2017 -18 scheme for the Science & Technology and Diploma students during 11th to 13th September 2017. The main objectives of this camp was to explore the possible business opportunities and create all necessary awareness to start an SSI Units as per Government procedures to young students of Science & Technology and Diploma disciplines.



Entrepreneurship Awareness Camp (EAC)

- Department of Civil Engineering, organized **CONSTRUO '17**, Sixth National Level Technical Symposium on 23.9.17. It was inaugurated by Chief Guest Colonel P.Nallathambi, M.E., MBA., MCA., F.I.E., F.I.V., Principal Structural Consultant, Sakthi Consultancy Pvt. Ltd., Chennai.



CONSTRUO'17 National Level Technical Symposium

- Department Of Civil Engineering has organized a Guest Lecture on **“Applications Of Geology In Civil Engineering”** on 26.9.17 for the second year Civil Engineering students in which **DR. T. Magendran** , Geologist ,Public Works Department-WRD, Taramani was the guest speaker.



Guest Lecture: Applications Of Geology In Civil Engineering