

EDIFICE

HALF-YEARLY NEWSLETTER OF
THE DEPARTMENT OF CIVIL ENGINEERING

VOL. 5, ISSUE 2

JAN 2021



EDIFICE

JANUARY 2021

Volume 5

Issue 2

THE HALF YEARLY NEWSLETTER OF THE
DEPARTMENT OF CIVIL ENGINEERING
SSN COLLEGE OF ENGINEERING

INDEX

From the HOD's Desk 3

Faculty Article

- Robotics in Civil Engineering 4
Dr. S Ramanagopal

Activities Roundup

- ICE (UK) Student Chapter 9
- ICI Student Chapter 26
- IEI Student Chapter 32
- IGBC Student Chapter 44
- Association of Civil Engineers 50
- Kraciva 55
- L&T Certification Program 66
on Safety
- FDP on Ground Improvement 67
Techniques

Faculty & Staff

- Research Updates 69
- External Recognition 74
- Continuous Learning 79

Students

- AU Rank Holders 120
- IGBC AP Certification 124
- Student Updates 126
- Student Articles 164

The Team

171

FROM THE HOD'S DESK



With the order of the world interrupted due to the pandemic, we found ourselves forced to transition towards virtual learning at a hasty pace. This meant that all academic activities, co-curricular and extra-curricular happenings migrated online. Through this trial, we emerged as the beneficiaries, with prospects to interact with anyone around the globe and explore avenues otherwise restricted.

I am happy to report that, we, the Department of Civil Engineering, organized upward of fifty virtual events in a plethora of topics (both academic and extra-curricular) to benefit the student community. Our faculty and non-teaching staff also engaged actively in continuous learning to keep them abreast with the latest technological advancements.

Connecting virtually also helped to network with the alumni effortlessly and at will. I would like to place on record my appreciation to the alumni who came forth and engaged actively in knowledge sharing and exchanges with the students. They had interactive sessions with their juniors on a myriad of topics encompassing placements, proctored exams, competitive exams, career guidance, etc.

Let us hope that we have equipped ourself to make good use of whatever the new year 2021 has to offer.

Dr. N. Sivakumar



Robotics in Civil Engineering

- Dr. S. Ramanagopal



“Change is coming, no matter how slowly.”

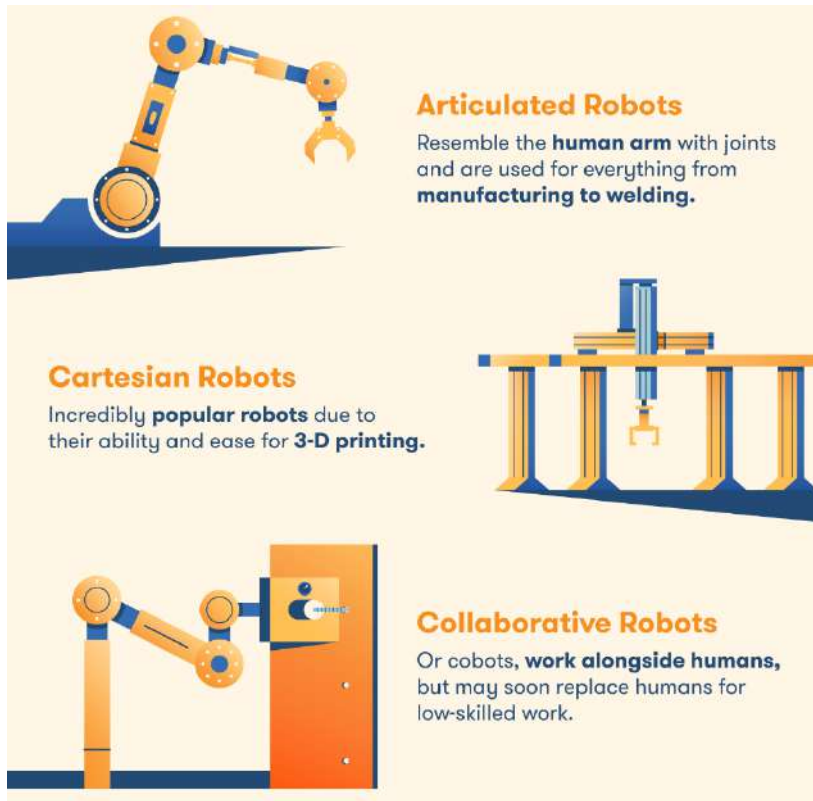
Opportunities in automation and robotics are guaranteed to disrupt the construction industry over the coming years. Construction is a \$10 trillion global industry, but it is stricken by inefficient processes, major intractable productivity problem, and widespread labour shortages. Worldwide, work-productivity growth in construction lags far behind that of the manufacturing industry or perhaps the whole economy. There are many reasons for this persistently poor performance, including stringent regulations and dependence on public-sector demand, informality and sometimes corruption, industry fragmentation, and mismatches in risk allocations and rewards.

The construction industry uses manual-intensive labour as its primary source of productivity. It is a least automated industry as its construction worksite is the primary obstacle to robotic automation, also construction tasks are notoriously difficult to automate. Be it a commercial construction or demolition, robots never play a significant role in any of the activity in building's lifecycle.

As stakeholders of the construction industry, we all have felt that change is both needed and possible. There is no growth and adding on to that there is an enormous demand for potential workers. There is a sense that the industry is on the verge of disruption, and industry players are actively discovering on new approaches and transformational agendas. It is the perfect storm for a robotics disruption.



Particularly, advanced robotics can help replace or improve existing processes, making them more efficient as well as more accurate. In light of expected changes, there are several ways that modern and advanced robotics will disrupt construction throughout the coming years. However, robots take away the human aspect of operations. In construction, this change can be a problem, because workmanship and Craftsmanship add an extra layer of value to projects.



Cobots, or collaborative robots, maybe a solution to the construction industry needs. As opposed to replacing them entirely, they are designed to work alongside human counterparts. Cobots tend to enhance and augment productivity by carrying out tasks that would otherwise be considered busy work for workers. They can also cut down on the amount of labour

needed for a project by significantly lowering operating costs. They can continue to operate, indefinitely at about the same rate and quality, given the need for maintenance or other kinds of failure.

The development of 3D printing robots will change the current makeup. Being able to print prefabricated components or parts on-site helps eliminate the need to transport large goods or materials. Robotics can also be used to augment abilities. Thus, robots and automated systems offer a much higher level of efficiency and productivity compared with human counterparts. The related equipment also tends to be more efficient, precise, and less expensive in the long run when compared to manual labour.



Render of a 3D printing construction process

In a controlled environment, Robots can do repetitive tasks which would reduce the human labour cost and execution time remarkably. Adaptability of Robots to real time variability in their work environment with little or no reprogramming is much needed to be profitable and productive. Though it is difficult for Robots to do, some construction robots are taking on these challenging tasks.

A market oriented, competitive, and rationalized construction tomorrow requires developing robotized and automated construction system today. This includes industrialized process originating in mining, construction material production, prefabrication of construction components, on-site construction, facility management, rehabilitation, and recycling. A new developing trend such as Computer-Aided Manufacturing (CAM) and in some approaches Computer-Integrated Manufacturing (CIM) aid in prefabrication of construction elements.

The application of automation technology in prefabrication and construction offers better predictability of completion time, faster and safer construction, superior quality, and a reduction in labour on-site. Moreover, the construction process can be tracked and managed with the robot and management system.

By transmitting digital construction information to the automated equipment, integration of design and construction can be achieved in manufacturing factories, autonomous vehicles and robots on construction sites. However, specific operations are still controlled by human operators, and prefabrication methods have not yet been adapted to a fully automated construction process, since a majority of robots are not networked via BIM (Building Information Modeling) or a management system.



A BIM integrated robot scanning a building component

For structural assembly, due to relatively unfriendly environment of construction sites and the massive weight of the building components, robots work on a number of tasks that are repetitive and risky and require a high degree of accuracies and are used to assist workers with tasks such as bricklaying, structural frame erection and wall painting. In other cases, robots are not yet able to deal with complex assembly works. Thus, design of robot-friendly structures, joints and end effectors to improve the efficiency and applicability of robots for construction is necessary to focus on design for robotic construction.

In manufacturing, the components of prefabricated structures are shaped and customized following the digital 3D models. To detect the quality of prefabricated components and improve productivity in the manufacturing process different types of robots have been used.



Delays in the construction process due to non-compliance and insufficiency of the components may be eliminated with the integration of these robotic technologies and BIM.

Few emerging trends in automation and robotics with application in construction engineering are:

- Factory based mobile semi-automated masonry wall production unit including automated mortar distribution.
- Multifunctional robot placing magneto moulds on steel pallet for PC panel production.
- Tele-operated concrete distribution.
- Automated and robotic steel panel production facility.
- Modular mobile light weight concrete finishing robot.
- Integrated automated building construction unit with robotic trolley hoists for logistics and positioning.
- Transportable welding robot in an integrated automated building construction site.
- Service robot systems and humanoid construction robots.

As technology evolves, I feel robots will perform the bulk of the repetitive work, especially where precision and consistency are important, and humans will focus on the more creative and dynamic parts of the job. This change can do more than just improving productivity - it can streamline collaborative tasks, enhance safety of projects, and completely transform the way development teams work. Most importantly, technology alone will not address poor productivity. We clearly need a universally fundamental culture change alongside adequate systems, processes, and buy-in from the field to embrace these advanced and futuristic solutions.



ICE (UK) Student Chapter



Under the aegis of the SSNCE Student Chapter of ICE (UK), the Department of Civil Engineering organized the following activities for the benefit of the student community.

→ **Virtual site visit and alumni talk** on 'Establishment of Captive Coal Jetty at Udangudi, Tuticorin, Tamilnadu', delivered by Mr. M. Sai Pradeep and Mr. T. Ajith Kumar, B.E. Civil Engineering alumni (2014-18), on 8th Aug 2020.

→ **Online guest lecture** on 'Evolving a Decentralized Picture of Sanitation for a Town', delivered by Mr. Sarat Chandran K P, Program Coordinator, CANALPY, Kerala, on 15th Aug 2020.

→ **Career guidance webinar** on 'Future Readiness for Graduate Students', delivered by Career Evangelist Mr. Tamilselvan Mahalingam, Founder & CEO, FutureCaptains.com, on 17th Sep 2020.

→ **Virtual site visit and webinar** on 'An Introduction to Design and Construction of Timber Structures', delivered by Dr. Shoja Jamali, Structural Engineer at Arup, Brisbane Australia and part-time Professor at the University of Queensland, on 19th Sep 2020.

- * As a professional body, ICE aims to support and promote professional learning, managing professional ethics and safeguarding the status of engineers, and representing the interests of the profession in dealings with government, etc.
- * The aim of the student chapter is to promote knowledge and understanding on what civil engineering is and to help students navigate the labyrinth of the ever-evolving global industrial trends and practices.
- * The ICE (UK) student chapter facilitates students to connect and network with global industry stalwarts and provides ample opportunity for the students to learn and become grounded professionals.

→ **Alumni talk** on 'Global Market Conditions in Real Estate', delivered by Mr. Karthik Ramesh, Vice President, Strategy Transformation and Innovation at 'emids', B.E. Computer Science alumnus (1998-2002, Gold Medallist and Best Outgoing Student), on 5th Oct 2020.

→ **Webinar** on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', delivered by Dr. Gasim Hayder, Head of Water & Environmental Engineering Unit, Department of Civil Engineering, College of Engineering, Universiti Tenaga Nasional (UNITEN), Malaysia, on 9th Nov 2020.

→ Representatives from the SSNCE ICE (UK) Student Chapter took part in the 'ICE President's Virtual Visit', on 6th Aug 2020 in Paul Sheffield's first such address to ICE in South Asia.

- * The virtual site visits were a windfall to the students during the COVID-19 lockdown. These gave the students an opportunity to tour restricted and transnational facilities, that they otherwise would not have access to.
- * One noteworthy observation during all these events was the enthusiastic participation of students and avid interaction with the resource person(s). The students, at times, interacted with the speaker for more than an hour during the Q&A sessions.

British engineer **John Smeaton** was born on Jun 8, 1724

FATHER OF CIVIL ENGINEERING

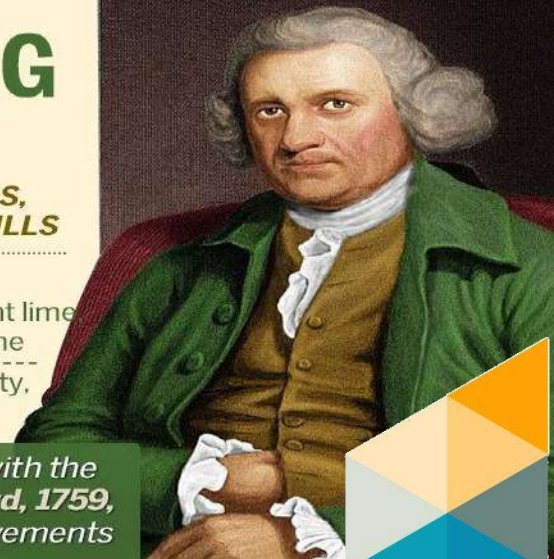
An eminent physicist & mechanical engineer he coined the term **CIVIL ENGINEER**

DESIGNED & BUILT MANY **BRIDGES, CANALS, HARBOURS, LIGHTHOUSES & MILLS**

SIGNIFICANT WORKS:

- **Eddystone Lighthouse (1755-59)**—water-resistant lime predecessor of modern cement, used for first time
- Addressed concepts governing air pressure & velocity, later developed into **Smeaton Coefficient**; used by **Wright Brothers** to build gliders
- **Helped improve water engines**

Honoured with the **Copley Award, 1759**, for his achievements



CIVIL
ENGINEERING

TRIVIA

Reality via lens: Virtual site visit and alumni talk on 'Establishment of Captive Coal Jetty at Udangudi, Tuticorin, Tamilnadu'

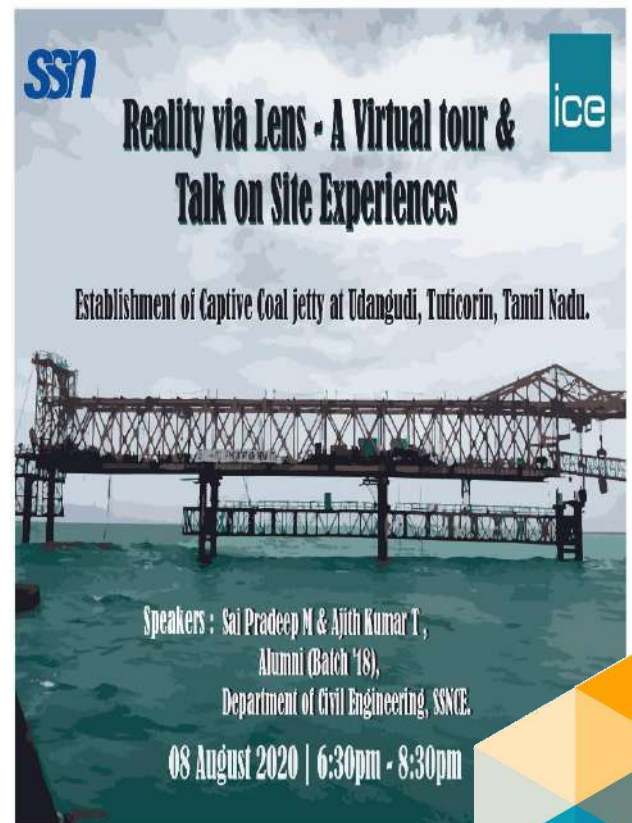
ice

"It is a great profession. There is the satisfaction of watching a figment of the imagination emerge through the aid of science to a plan on paper. Then it moves to realization in stone or metal or energy. Then it brings jobs and homes to men. Then it elevates the standards of living and adds to the comforts of life. That is the engineer's high privilege." – Herbert Hoover

What was once considered fiction and a gaming experience has now become reality. Thanks to the Covid-19 pandemic, people all around the world have started to use technology to its fullest extent. As lockdown and several other restrictions continue to harbour upon us, places are shut and are restricted to people. So, as technology continues to bloom, everything has started to become virtual. We are entering into a phase where virtual and augmented reality has become more dominant than the actual reality. With this development, we have come up with the concept of virtual tours and site visits. It is not always possible to visit a location in person. You could be sheltering in place for the pandemic or the venue could be located on the other side of the country.

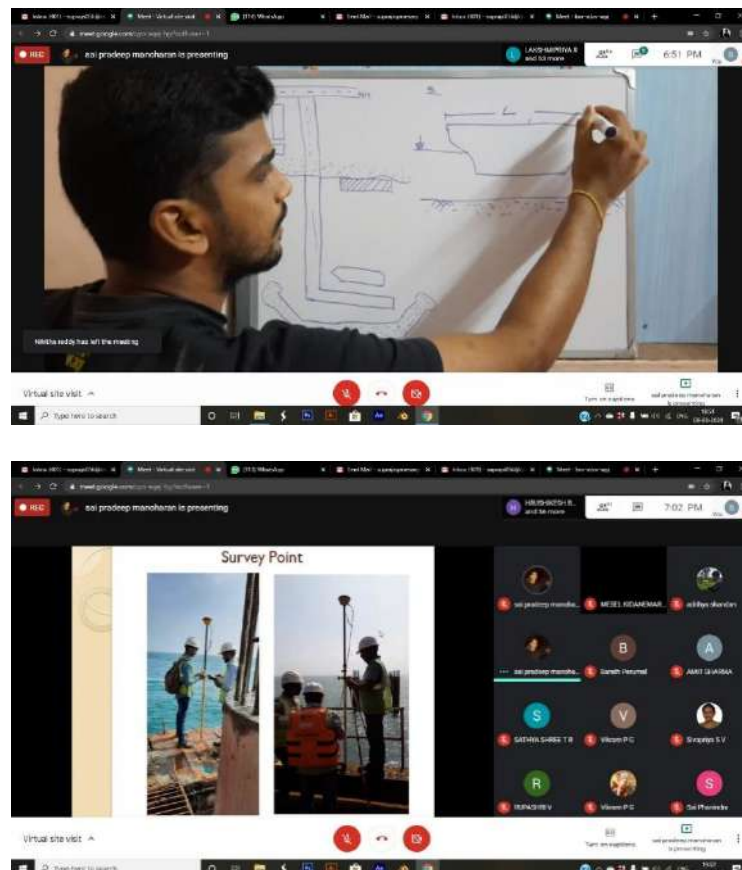
So, what are these virtual site visits?

A virtual site visit allows for the ability to stay within the comfort of your home while being able to explore something on your internet-connected device. This concept has been around for a while and virtual tours make it possible to tour museums, national parks, and more without ever having to leave the house. The Institution of Civil Engineers (ICE) (UK) Student Chapter of SSNCE took up this idea and under its banner we decided to organize such an event, first of its kind at SSNCE on 8th Aug 2020, between 6:30 pm and 8:30 pm IST.



Our alumni, despite their busy schedule, accepted our request in organizing and presenting this event. The speakers were Sai Pradeep M and Ajith Kumar T who belonged to the 2014-18 batch.

Considered one of the most beautiful offshore platforms under construction in India, we decide to take a virtual trip to Udangudi, Tuticorin. It is a government project which is the establishment of captive coal jetty. This event: “Reality via lens”, was a virtual tour of that site and a talk on the experience gained by the speaker working at that site. Frankly speaking, this session was in a new level. The effort that Mr. Sai Pradeep took to explain the various processes and other important things related to those processes by switching from mobile to the white board and then to the videos was mind blowing. On the other hand, the chat box was completely engaging. Questions were raised and they were immediately responded to by Mr. Ajith Kumar. Needless to say, everyone who attended the session took time in appreciating the efforts that our speakers took to present and deliver to an extent where it could be understood by everyone. As Winston Churchill rightly said, “Continuous effort, not strength or intelligence, is the key to unlock our potential”; these two gentlemen did so that left everyone fascinated.



ICE President's Virtual Visit



"The true mark of a leader is the willingness to stick with a bold course of action — an unconventional business strategy, a unique product-development roadmap, a controversial marketing campaign — even as the rest of the world wonders why you're not marching in step with the status quo. In other words, real leaders are happy to zig while others zag. They understand that in an era of hyper-competition and non-stop disruption, the only way to stand out from the crowd is to stand for something special." — Bill Taylor

For the first time in history, ICE South Asia region organised the ICE president, Paul Sheffield's virtual visit on the 6th of August 2020. The session was organised and was hosted by the ICE Mumbai regional chapter and the ICE Mumbai representative Mr. Rajesh Patwardhan PMP, CEng, FICE.

About the President:

Paul began his career in 1983. He is a Chartered Engineer, ICE Fellow and President of the Institution of Civil Engineers.

He was awarded a CBE in 2014 for services to construction and charitable fundraising.

He spent 31 years with the Kier Group, initially working on a wide range of civil engineering and construction projects in various parts of the world including a gold mine in Papua New Guinea and as Project Director on a power station in Hertfordshire, a desalination plant in Saudi Arabia and underground railways in Hong Kong.

Paul is currently a non-executive Director of Southern Water Services and is on the Supervisory Board of the Dutch Construction Group BAM. He is also an Industrial Advisor to the Board of Manchester Airport Group working on their capital expansion work at both Manchester and Stansted airports.



The following were the agenda for the event:

- Paul Sheffield's experiences working on various international projects.
- Views on the future of civil engineering for 2020 and beyond.
- Question and answer from ICE Representatives and Members in South Asia.



Jyothir Adithya Skandan R M, Joint Secretary and Vinothni S N, President, represented our Student chapter and took part in the event. There were participants across the region, but primarily from India. The session lasted for an hour during the evening hours of 5:30 pm to 6:30 pm IST. Mr. Paul gave insights on the future of civil engineering and correlating it with the age of AI.

The latest development according to Mr. Paul was on introducing the greenhouse gases such as carbon-di-oxide into concrete and studying its properties and introducing other oxides that has the capability of absorbing smog. The session gave us an overview of what is going to be the future and the advancements in the science of civil engineering.



The scope and opportunities in civil engineering, to be honest, is decreasing, but it is not lost. Innovations are happening in this field of engineering too as we are moving towards the use of advanced technology. Data science that is more relevant in other fields will soon become the order in civil engineering also. Modal construction and other smart city innovations will come as we will move and adopt ourselves to sustainable environments. So, let us be grateful that we are civil engineers and pursuing a course and studying the mother of engineering!

Online guest lecture on 'Evolving a Decentralized Picture of Sanitation for a Town'



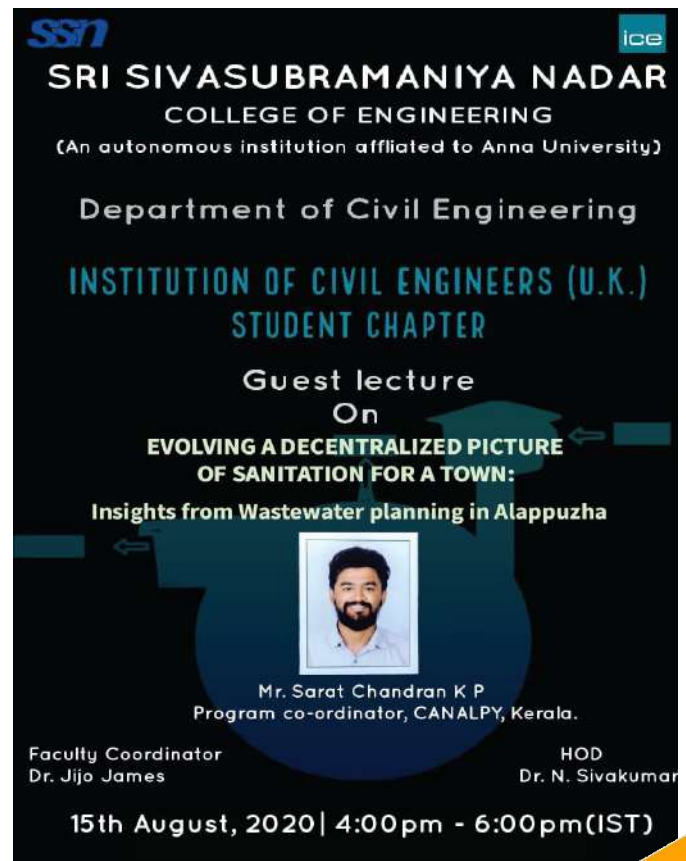
“Best solution could be formulated by not just seeing the problem, but by understanding it.”

SSNCE - ICE (UK) student chapter organized a guest lecture under its series of events, on 15th Aug 2020 from 4:00 PM - 6:00 PM (IST). The organizing team was pleased to bring this guest lecture on the occasion of the 74th Independence Day of our nation and considered this event as a form of celebration. The guest lecture titled “Evolving a Decentralized Picture of Sanitation for a Town” was delivered by Mr. Sarat Chandran (B.Arch.), who is currently engaged as a program coordinator at CANALPY, a canal rejuvenation initiative in Alappuzha, Kerala. The lecture commenced with the National Anthem at 4:00 PM (IST) and the speaker started off by underscoring his expectation of an interactive session.

He introduced the objectives of his presentation as

1. Relevance between Sanitation & Civil Engineering
2. What is sanitation?
3. Perspectives from Alappuzha
4. How Civil Engineers can help?

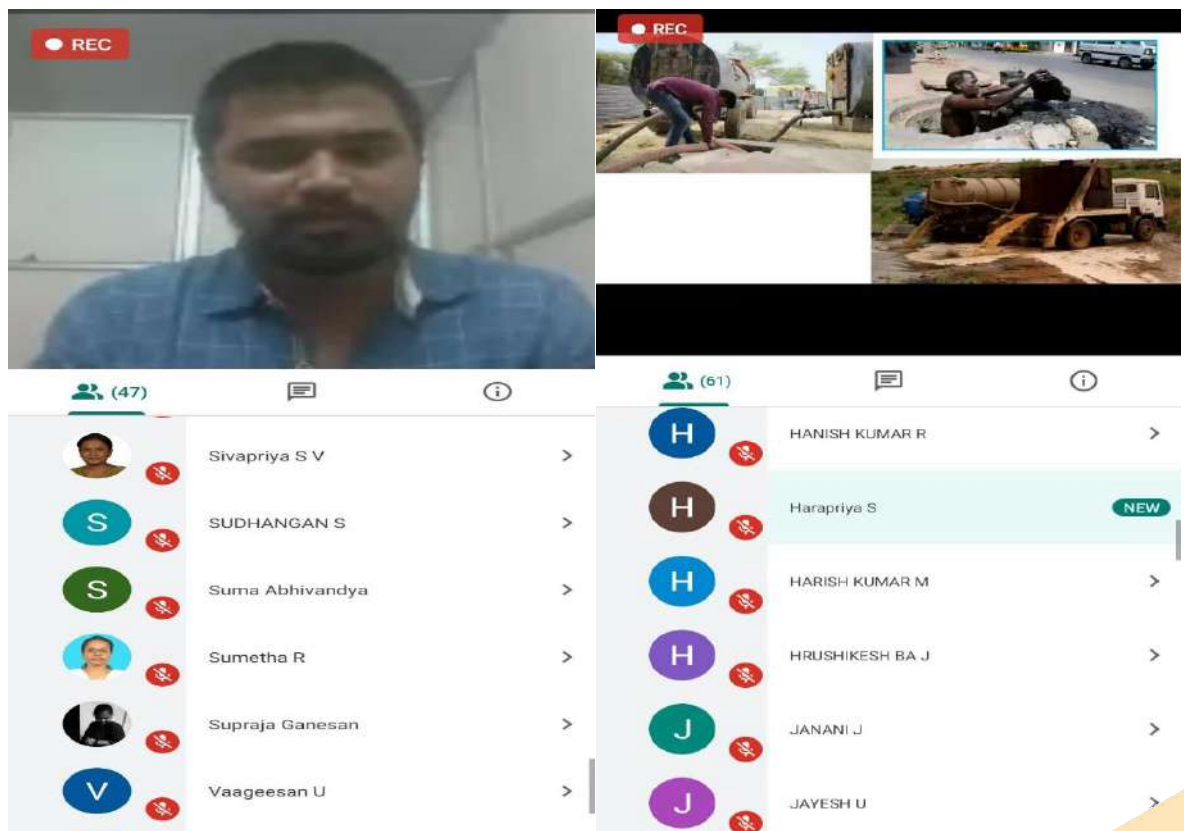
Then, the evolution and specifications of the Modern Toilet was briefed, and components of the Sanitation Value Chain were explained. The speaker influenced the crowd significantly with his way of making the participants to understand the ground problems of sanitation.



He showed case studies to explain the Centralized Sanitation System in developed countries. With this stance, he made us realize the failure of the Centralized Sanitation System in India due to the presence of diverse localities.

Following this, he proposed the Decentralized Sanitation System as solution and vindicated with its own aspects. He rationalized on how he ended up in deriving this DEWATS system.

The establishment of CANALPY in Alappuzha and construction of the canal system were described in great detail by the speaker. The students were made aware of the survey, data collection process and problem identification over a particular area of Alappuzha. OSM tracker, an Android application was used by them to track the points of waste and sewage disposal, which later helped them to formulate the solution. Finally, he explained the DEWATS, precisely on how the wastewater is being treated under this system. His lecture on a whole gave us an insight on how the problem should be approached and solved efficiently and sustainably.



Career guidance webinar on 'Future Readiness for Graduate Students'



"Choose a job you love, and you will never have to work a day in your life", said Confucius.

Choosing a career and getting a job are two things, any person passes through in his life. When millions of young people leave college/university, they begin an independent life. Some of them start working, go into business; some of them keep upgrading their schooling to receive higher education.

While choosing a career one should take into consideration all main possibilities that their future profession might provide: the profession must be interesting, one must be sure of their future, it must be well-paid, and several other parameters have to be taken into consideration.

SSNCE - ICE (UK) student chapter organized a career guidance event collaborating with "Future Captains" organization on 17th Sep 2020 from 4:00 PM - 5:30 PM (IST) to give clarity to the students regarding all the above.

Titled "Future Readiness for Graduate Students", this talk broke all the stereotypes revolving around the civil engineering profession. Mr. Tamilselvan Mahalingam, Founder and CEO of Future Captains graced the occasion as the speaker for the evening.



SSN **SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING** **ice**
 An Autonomous Institution affiliated to Anna University

Department of Civil Engineering
 Institution of Civil Engineers (ICE-UK) - STUDENT CHAPTER

WELCOMES YOU ALL TO THE WEBINAR ON
FUTURE READINESS FOR GRADUATE STUDENTS

Speaker of the Day:
MR. TAMILSELVAN MAHALINGAM
 Founder & CEO, FUTURE CAPTAINS.COM
 Entrepreneur | Motivational Speaker
 Youth Mentor | Career Evangelist

The talk was split into two sessions:

1. The first session was a more generalized topic which was based on choosing the right field according to our passion and interest.
2. The second session was more on the civil engineering field. It featured various options that are available after graduation in both bachelor and master's degrees.

Mapping Potential to Profession

We @ FutureCaptains , measure all the 5 parameters and identify if you have potential in

- Product Design
- Product Development
- Product Maintenance
- Product Testing
- R&D & More

The slide features a circular diagram with five segments: Your Interest (red), Your Personality (yellow), Your Learning Pattern (green), Your Motivation (blue), and Your IQ (purple).

Step 1: Know your type

The slide displays six personality types with their characteristics and icons:

- The Builder** (wrench icon): Enjoys working with practical things you can see or touch and making them better - tools, animals, and machines. Enjoys the outdoors. Likes to work with THINGS.
- The Creator** (lightbulb icon): Enjoys creating new ideas and things. Relies on feelings, imagination and inspiration. Likes to work with IDEAS and THINGS.
- The Organizer** (clipboard icon): Enjoys structured tasks, working with numbers, records, or machines in an orderly fashion. Likes to work with DATA.
- The People Person** (person icon): Enjoys working with and helping people. Strong desire to solve social problems. Likes to work with PEOPLE.
- The Persuader** (thumbs up icon): Enjoys persuading, influencing and leading people. Good at selling things and ideas. Likes to work with PEOPLE and DATA.
- The Problem Solver** (puzzle piece icon): Enjoys analyzing and solving problems. Prefers observing, thinking and understanding information. Likes to work with DATA.

Jobs relevant to your degree

- Building control surveyor
- CAD technician
- Consulting civil engineer
- Contracting civil engineer
- Design engineer
- Estimator
- Nuclear engineer
- Site engineer
- Structural engineer
- Water engineer

Other jobs your degree can be useful

- Building services engineer
- Construction manager
- Engineering geologist
- Fire risk assessor
- Geotechnical engineer
- Patent attorney
- Quantity surveyor
- Sustainability consultant
- Urban designer

The presentation was followed by a Q&A session where the speaker was flooded with question from multiple directions. Needless to say, as a career consultant, the speaker kept his presentation as crisp as possible and answered all the questions with much precision. The session was definitely an eye opener for many as people did not know the various options available apart from the usual ones such as architecture and structural engineer. In conclusion, the field of civil engineering is vast. Many of us do not know the existence of such options due to the present market conditions. As long as technology grows, various options in this field will be soon available to cope with the trials of the world.

Virtual site visit and webinar on 'An Introduction to Design and Construction of Timber Structures'

ice

"Good timber does not grow with ease: The stronger wind, the stronger trees; The further sky, the greater length; The more the storm, the more the strength. By sun and cold, by rain and snow, in trees and men good timbers grow", said Douglas Malloch.

SSNCE - ICE (UK) student chapter organized a webinar and virtual site visit on 19th Sep from 10:00 AM - 12:00 PM (IST). Titled, "An Introduction to Design and Construction of Timber Structures", this was an international virtual visit from Brisbane, Australia.

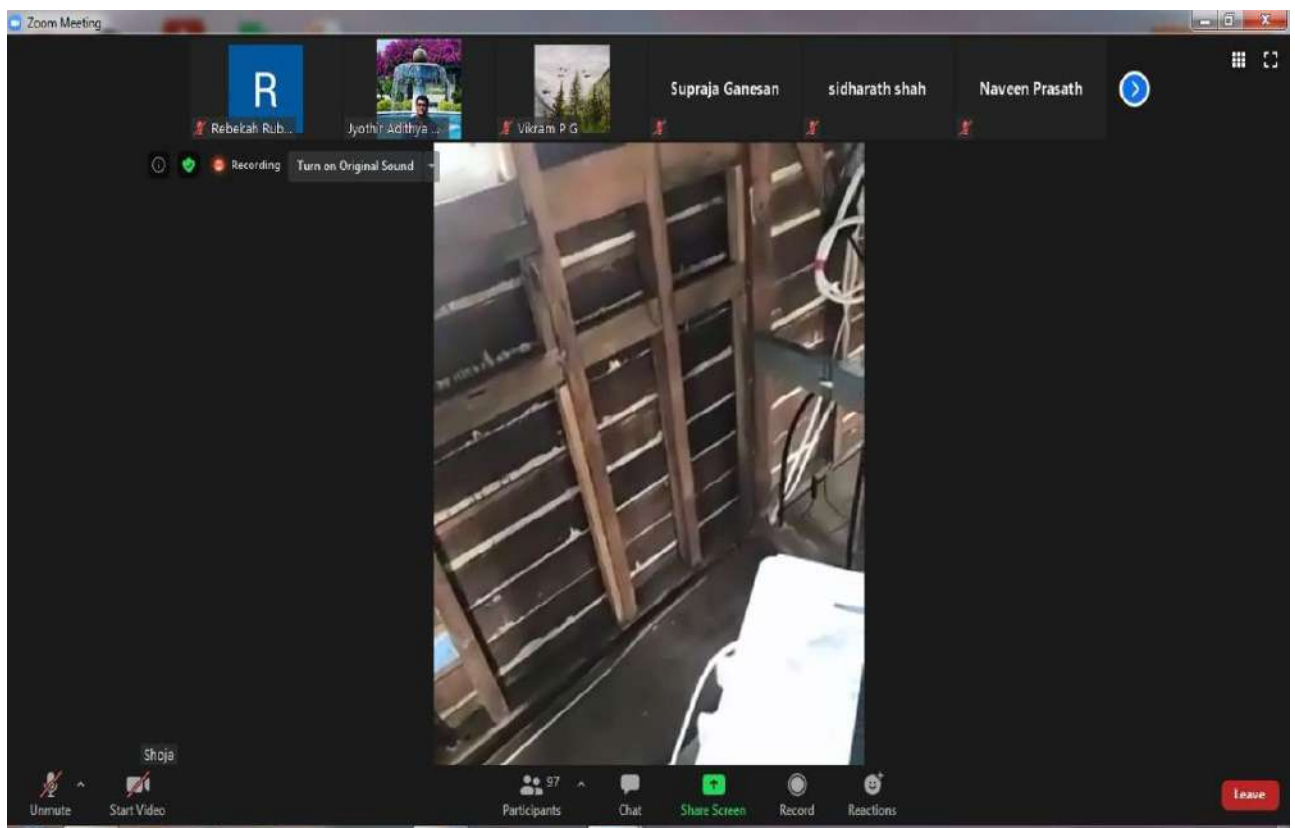
Dr. Shoja Jamali, Structural Engineer at Arup (Brisbane), part-time professor at the University of Queensland and a former student of Dr. N. Sivakumar (HoD, Civil, SSNCE) graced the occasion as the speaker.

The session began with a presentation giving us the idea on what timber was all about. The other topics that were included in his presentation were the Australian codes that were used for timber structures, designing various types of joints used to join the members and other important aspects of timber designing.

The presentation was followed by a virtual visit. It was a semi constructed house that was made completely out of timber.

In the virtual visit, we were able to see most of the intrinsic details that were used in designing the structure from the foundation to the superstructure.





The Q&A session ranged from the most basic and few complex ones that were essential to gain vital knowledge on timber as this form of construction is not common and not practiced to a large extent in India.

Alumni talk on 'Global Market Conditions in Real Estate'



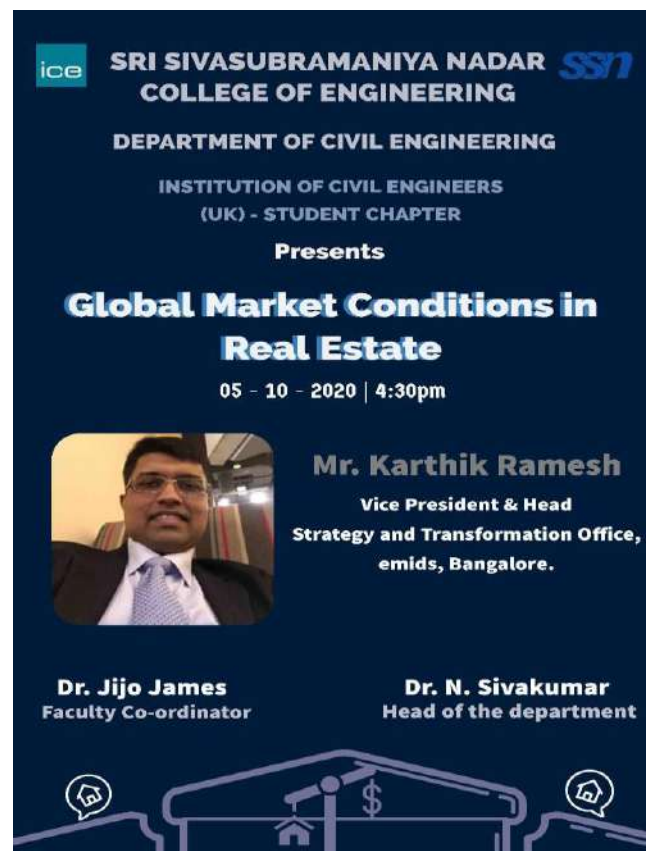
“Real estate is an imperishable asset, ever increasing in value. It is the most solid security that human ingenuity has devised. It is the basis of all security and about the only indestructible security”, said Russell Sage.

SSNCE - ICE (UK) student chapter organized an alumni talk titled “Global Market conditions in Real Estate” on 5th Oct 2020. Karthik Ramesh, Vice President, Strategy Transformation and Innovation at emids, (B.E. Computer Science alumnus, 1998-2002, Gold Medallist and Best Outgoing Student) graced the occasion as the speaker for the evening.

The session was split into three sessions:

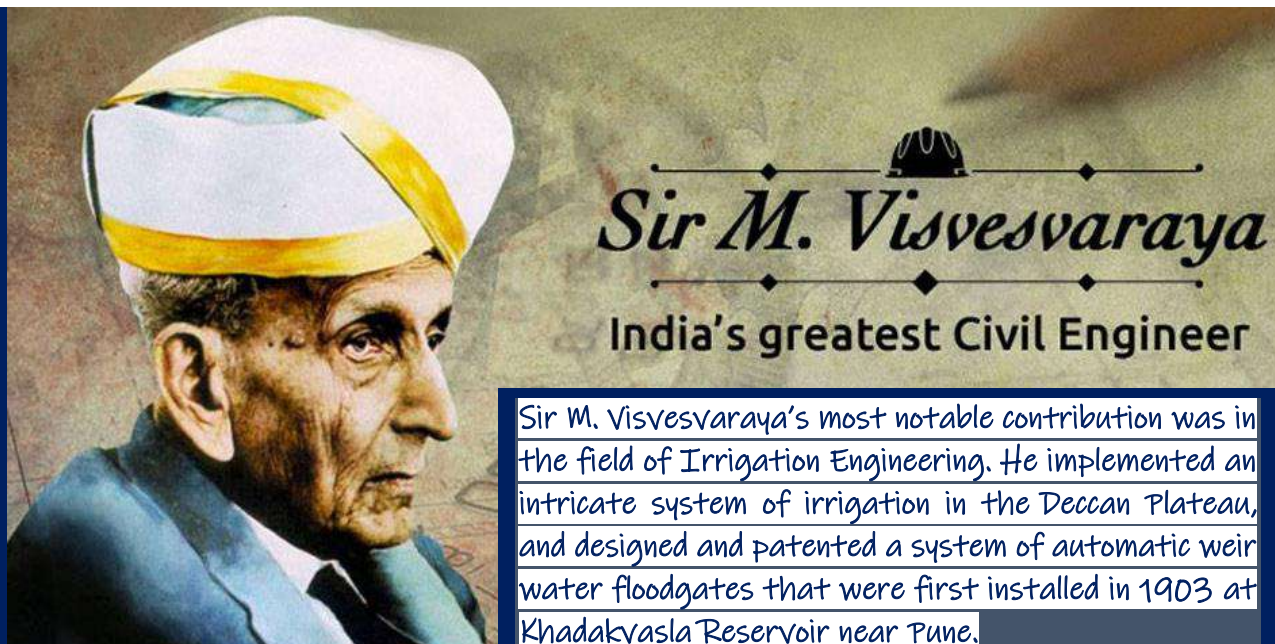
1. A case study on the growth of real estate in UAE, particularly in Dubai and Abu Dhabi.
2. Thinking out of our beautiful world – The largest existing real estate property, The International Space Station (ISS) and its functions
3. Billionaire and CEO of Tesla, Elon Musk’s dream – Colonization of Mars and the future Space – X mission in colonizing the red planet.

Overall, the session was informative and interactive to a maximum extent. There were many new terms that were listed during the session which would we added to our repertoire.





The session was also an eye opener to many of us as we understood the order of the world. The future of this sector is beyond imagination. What was once portrayed in Sci-Fi films is now becoming a reality.



Sir M. Visvesvaraya's most notable contribution was in the field of Irrigation Engineering. He implemented an intricate system of irrigation in the Deccan Plateau, and designed and patented a system of automatic weir water floodgates that were first installed in 1903 at Khadakvasla Reservoir near Pune.

These gates raised the storage level in the reservoir to the highest level likely to be attained without causing damage to the dam. Based on the success of these gates, the same system was installed at Tigris Dam in Gwalior and Krishna Raja Sagara (KRS) Dam in Mandya/Mysore, Karnataka.

Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater'

The logo for ICE (International Civil Engineering) features the lowercase letters 'ice' in a white, sans-serif font, set against a solid blue square background.

“We still have too much air and water pollution and we still need to work to reduce it. But we also need to put the problem of pollution into a historical as well as scientific perspective...”, said Ronald Reagan.

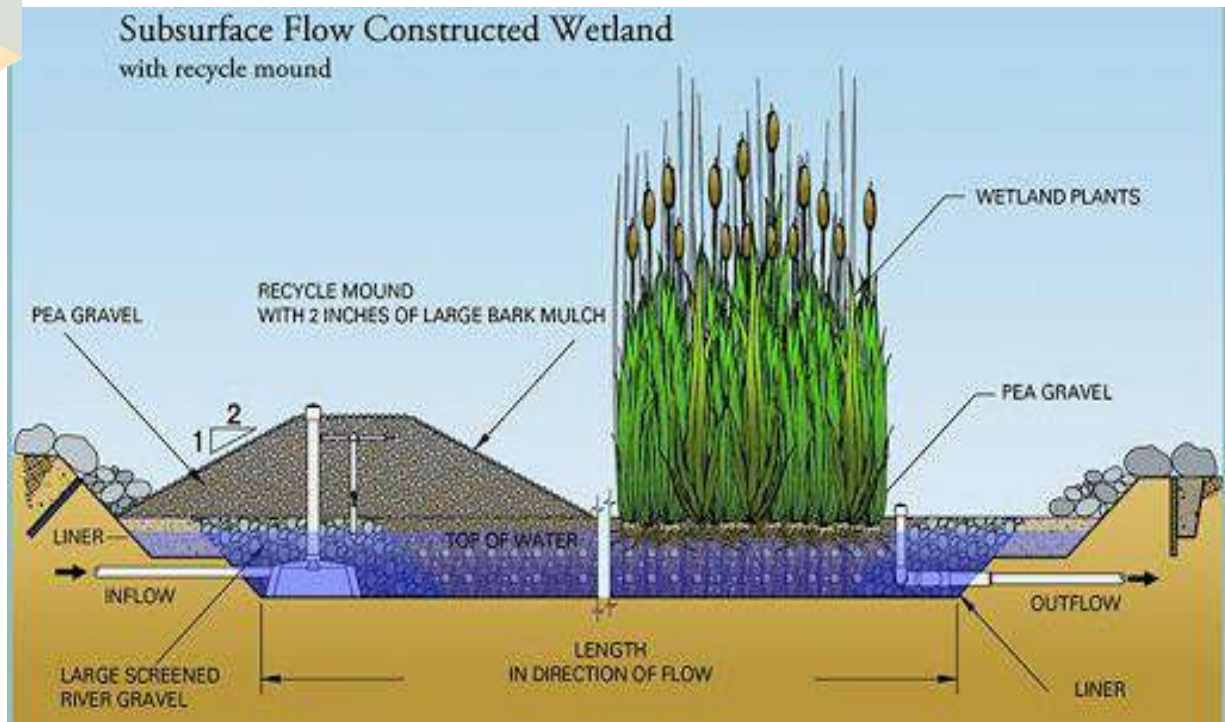
SSNCE - ICE (UK) student chapter organized a webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', delivered by Dr. Gasim Hayder, Head of Water & Environmental Engineering Unit, Department of Civil Engineering, College of Engineering, Universiti Tenaga Nasional (UNITEN), Malaysia, on 9th Nov 2020.

If we say environment, it also includes water and water bodies. So, it is obvious that conserving the environment should include remediation of water bodies polluted by human generated wastewater. The infiltration of wastes in water bodies is one of the biggest environmental problems in today's world. Among the many solutions and techniques available, the cheapest and eco-friendly solution is Phytoremediation using constructed wetlands. Phytoremediation is a bioremediation process that uses various types of plants to remove, transfer, stabilize, and/or destroy contaminants in the soil and groundwater.

The contents of the webinar were:

1. What is phytoremediation?
2. What are the techniques and mechanisms involved?
3. Which industries are suitable for adopting this method to treat their wastewater, and how they can implement that?
4. Advantages of this method over other conventional methods, followed by its demerits.
5. Case studies.





ice **SRI SIVASUBRAMANIYA NADAR** **SSN**
COLLEGE OF ENGINEERING
 (An autonomous Institution Affiliated to Anna University)

DEPARTMENT OF CIVIL ENGINEERING
INSTITUTION OF CIVIL ENGINEERS (UK) -
STUDENT CHAPTER

Webinar on
Application of Constructed Wetlands
in Phytoremediation of Wastewater
 9. 11. 2020 | 10:00AM IST

Addressed by:

Dr. Gasim Hayder
 PTech (Ts), CEng, MIET, PhD,
 Universiti Tenaga Nasional (UNITEN),
 The Energy University, Malaysia

Dr. Jijo James
 Faculty Coordinator

Dr. N. Sivakumar
 Head of the Department

CLICK HERE TO REGISTER

Zoom **Leave**

01 PHYTOREMEDIATION

PHYTOREMEDIATION

Greek word = Plant

Latin word = To correct or remove an evil

- Definition: The use of plants, namely shrubs, trees, grasses or aquatic plants, and their associated microorganisms in order to withdraw, isolate or degrade toxic and harmful materials/substances from the environment.
- Phytoremediation can be used for removal of organic pollutants, radionuclides and heavy metals.
- Green plants has huge ability to uptake pollutants or heavy chemicals from the environment and finish their detoxification by different mechanisms.
- In general, these plants can hold contaminants without affecting the soil. Therefore, it can conserve its fertility and utility.

Unmute Start Video Share Participants More

Credits and thanks to Jyothir Adithya Skandan R M, Prabhakaran P and Vikram P G for the succinct write-up of the various activities held under the banner of SSNCE - ICE (UK) Student Chapter.

ICI Student Chapter



Under the aegis of the SSNCE Student Chapter of ICI, the Department of Civil Engineering organized the following activities for the benefit of the student community.

→ **Webinar** on ‘Good Construction Practices of Concrete’, delivered by Dr. Job Thomas, Professor, Department of Civil Engineering, Cochin University, on 11th Sep 2020.

→ **Workshop** on ‘Detailing of Structures’, delivered by Dr. Bhaskar, Professor in Structural Engineering, Annamalai University and Mr. R. Hari Narayanan, B.E. Civil Engineering alumnus (2011-15), Civil and Structural Engineer, ILF Consulting Engineers, Abu Dhabi, on 18th Sep 2020.

→ **Online Quiz** on ‘Concrete Technology’, on 13th Oct 2020.

- * *Indian Concrete Institute is one of the leading professional bodies in India, catering to the professional needs of individuals and organizations involved in concrete.*
- * *The ICI has professional and student chapters located throughout India. Participation in this chapter can be extremely rewarding in terms of gaining greater technical knowledge and networking with leaders in the concrete community.*
- * *The student chapter aims to disseminate information on the changing concepts in concrete technology and collaborate with national and international agencies in creating better understanding of concrete construction technology.*



Webinar on 'Good Construction Practices of Concrete'



Each material has its specific characteristics which we must understand if we want to use it. This is no less true of steel and concrete.” - Ludwig Mies van der Rohe

We're stuck in the concrete age. Concrete has become this ever-present material that's almost impossible to get away from. It's cheap, abundant, and easy to work with. But conventional concrete is not sustainable and is mostly hackneyed by laymen and engineers alike.

As the norm now is to promote sustainable and ethical construction practices, a webinar on 'Good Construction Practices of Concrete' was organised by the SSNCE – ICI student chapter on 11th Sep 2020. The speaker was Dr. Job Thomas, Professor, Department of Civil Engineering, Cochin University.

The webinar also marked the inauguration of the SSNCE – ICE student chapter.

The event started with the welcome speech by the President of the ICI student chapter Ms. M. Vaishnavi, IV year, B.E. Civil Engineering. She also introduced the officer bearer of the chapter and committee members for the academic year 2020-2021. Dr. Job Thomas spoke about the good construction practices of concrete. The speaker explained the content with various alternatives for coarse and fine aggregates.

ICI

SSN

DEPARTMENT OF CIVIL ENGINEERING
SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
(AN AUTONOMOUS INSTITUTION - AFFILIATED TO ANNA UNIVERSITY)
KALAVAKKAM - CHENNAI

IN ASSOCIATION WITH
INDIAN CONCRETE INSTITUTE
 CHENNAI CENTRE, TAMILNADU
SSN-ICI STUDENT CHAPTER
 CORDIALLY INVITE YOU FOR THE
WEBINAR
ON 11TH SEPT 2020, FRIDAY 10.00 AM-11.00 AM
 ON TOPIC OF
"GOOD CONSTRUCTION PRACTICES OF CONCRETE STRUCTURES"

PRESENTER

 **DR. JOB THOMAS**
 Professor, Division of Civil Engg
 Cochin University of Science and
 Technology

Request to register for the Webinar!
 Registration Link:
<https://forms.gle/YZrjuFk5uGs5zXBm8>

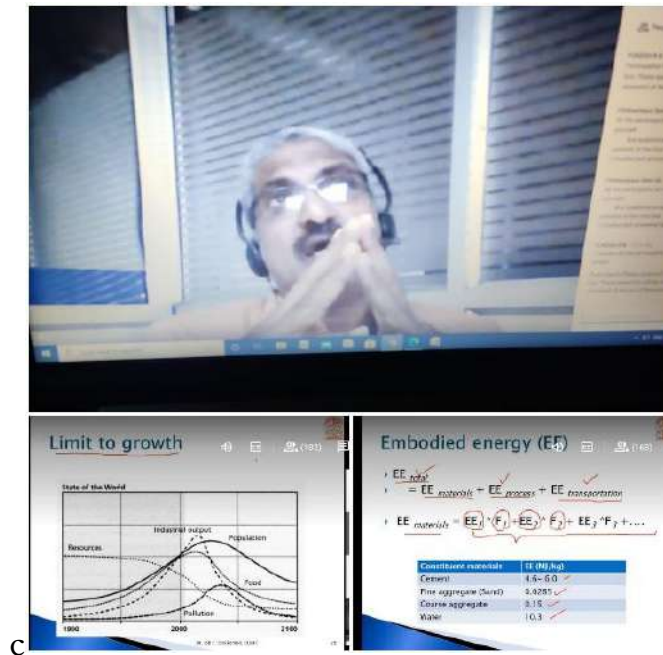


E - Certificates will be issued to all the attendees

Dr. P SANGEETHA
 CO-ORDINATOR

Dr. N SIVAKUMAR
 HOD/CIVIL

For any query, contact Student Co-ordinator - Vaishnavi M / 9384833800
 - Yokesh R B / 8072781778



His vast repertoire of knowledge and expertise in the field of concrete structures were palpable in the evidence-based information that Dr. Job Thomas shared. Many of the points and suggested practices were validated with tangible research data.

The participants (more than 180 academicians and students from all over India) found the session vastly informative and interacted enthusiastically with the expert.

CIVIL
ENGINEERING

TRIVIA

SELF-HEALING CONCRETE

WHAT IT IS:
Concrete with water-activated bacteria that produces calcite to heal cracks

USES:
Reducing infrastructure maintenance requirements and cutting greenhouse gases



SELF HEALING
CONCRETE
200 YEAR
LIFESPAN

Workshop on 'Detailing of Structures'



"The details are not just details. They make the design." – Charles Eames

Structural design is the science of ensuring stability, strength, and rigidity of structures so that resist all applied loads without failure. This discipline is concerned with designing a physical structure in such a way that the load-bearing members (such as beams and columns in the case of a building) of the structure support each other in sharing the load or stress. The Structural engineer delivers the essential knowledge to enable clear and unambiguous detailing and scheduling to be produced for building structures. Structural detailing and scheduling are the link between design and construction. It is the responsibility of the designer to specify design requirements and the responsibility of the detailer to produce and communicate the details in a clear and consistent way to the construction site or fabrication facility.

Good detailing has far reaching effects and can have a significant influence on the technical correctness, safety, buildability and cost of structural design. The ICI student chapter organized a workshop on 'Detailing of Structures' on 18th Sep 2020 to enable knowledge sharing between experienced professionals and up and coming structural engineers. The experts who thoughtfully shared their knowledge were Dr. Bhaskar, Professor in Structural Engineering, Annamalai University and Mr. R. Hari Narayanan, B.E. Civil Engineering alumnus (2011-15), Civil and Structural Engineer, ILF Consulting Engineers, Abu Dhabi.

ICI **SSN**

SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
(AN AUTONOMOUS INSTITUTION - AFFILIATED TO ANNA UNIVERSITY)
KALAVAKKAM - CHENNAI

DEPARTMENT OF CIVIL ENGINEERING
IN ASSOCIATION WITH
INDIAN CONCRETE INSTITUTE
CHENNAI CENTRE, TAMILNADU
SSN-ICI STUDENT CHAPTER
CORDIALLY INVITE YOU FOR THE
ONLINE WORKSHOP
ON 18TH SEPT 2020, FRIDAY 10.00 AM-12.00 PM &
1.00 PM TO 3.00 PM
ON TOPIC OF
"DETAILING OF STRUCTURES"

PRESENTERS

Dr. Bhaskar
Professor, Structural Engg. Dept
Annamalai University
SALIENT FEATURES OF RCC DETAILING

Mr. Hari Narayanan
Our Alumnus (Batch 2011-2015)
Structural detailing of Onshore
Oil and Gas Structures

Registration link:
<https://forms.gle/3drVW8mtSjdXPx288>

E - Certificates will be issued to all the attendees

Dr. Y K SABAPATHY
Dr. P SANGEETHA
CO-ORDINATOR

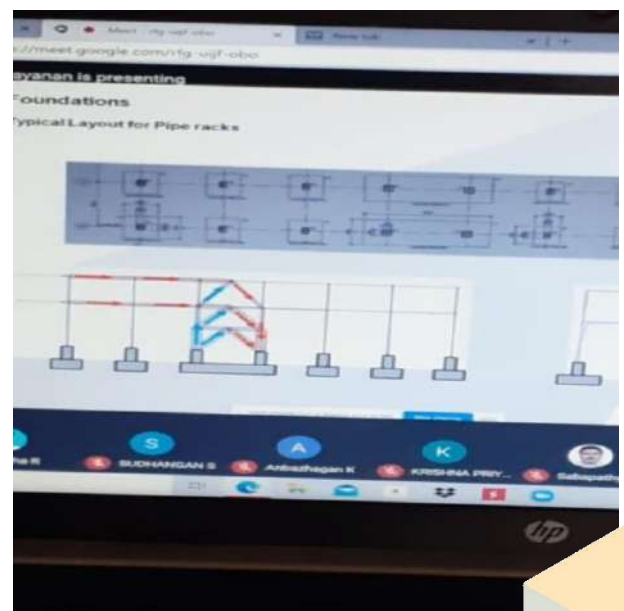
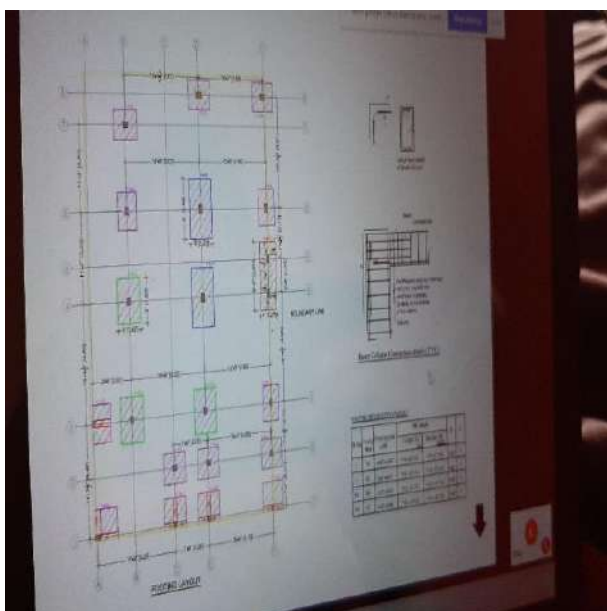
Dr. N SIVAKUMAR
HOD/CIVIL

For any query, contact Student Co-ordinator - Vaishnavi M / 9384833800
- Yakesh R B / 8072781778

The event was coordinated by Dr. Y K Sabapathy and Dr. P. Sangeetha. The workshop aimed to help the participants

- Recognise the importance of producing clear, consistent and rigorous structural detailing
- Understand the principles and practice of reinforcement detailing
- Appreciate the design decisions that underpin structural detailing
- Comply with the requirements of the relevant codes of practice and guidance in terms of cover, bar spacing, lapping, curtailment and end anchorage
- Identify reinforcement requirements from calculations and how to produce reinforcement details for footings, columns, beams, slabs and additional ancillary structural elements
- Appreciate the availability and use of proprietary detailing systems

In session- 1, Dr. Bhaskar illuminated the participants about the salient features of RCC detailing with the help of CAD drawings. In session-2, Mr. R Hari Narayanan shared about the structural detailing of offshore oil and gas structures with several examples from his own projects. The participants found both the sessions informative and highly interactive. The benefited crowd comprised of more than 160 students and academicians across various states throughout India.



Online Quiz on 'Concrete Technology'



SSNCE - ICI student chapter organized an online quiz on 'Concrete Technology' to spark interest in the subject among the undergraduate students of Civil Engineering, on 13th Oct 2020.

The quiz competition was based on the theme 'Building Materials and Concrete Technology'. The competition was made open to students of Civil Engineering. Around eighty students from various colleges took part in this event.

ICI **SSN**

SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
(AN AUTONOMOUS INSTITUTION - AFFILIATED TO ANNA UNIVERSITY)
KALAVAKKAM - CHENNAI

DEPARTMENT OF CIVIL ENGINEERING
- IN ASSOCIATION WITH
INDIAN CONCRETE INSTITUTE
CHENNAI CENTRE, TAMILNADU

SSN-ICI STUDENT CHAPTER
CORDIALLY INVITE YOU FOR THE
ONLINE QUIZ
ON 13TH OCT 2020, TUESDAY, 04.00 PM-07.00 PM
ON TOPIC OF
"CONCRETE TECHNOLOGY"

Registration link:
<https://forms.gle/aMRZeqc8Mdsa3ZeW6>

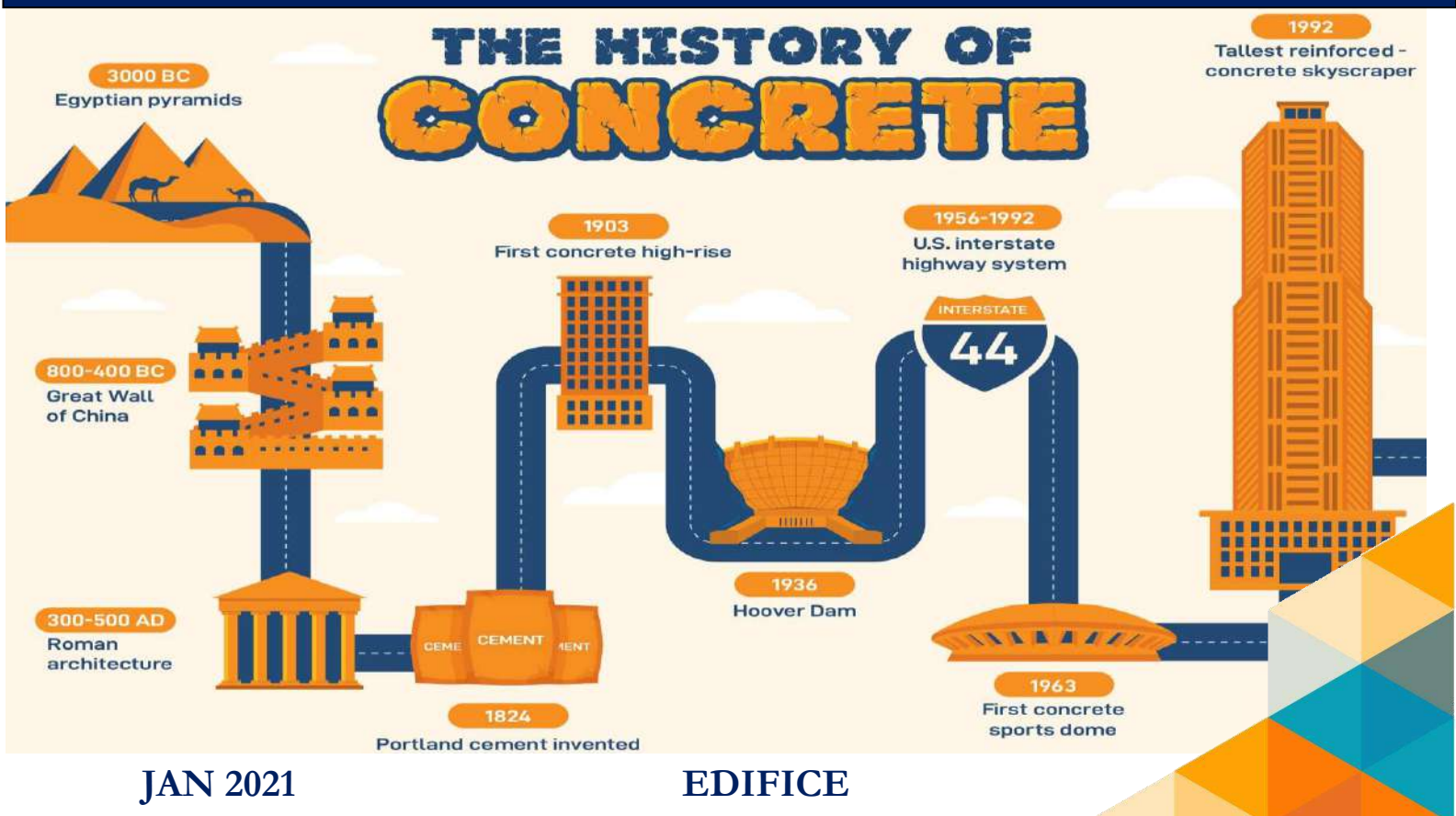
E - Certificates will be issued

Dr. P SANGEETHA
CO-ORDINATOR

Dr. N SIVAKUMAR
HOD/CIVIL

For any query, contact Student Co-ordinator - Vaishnavi M / 9384833800
- Yokes R B / 8072781778

Credits and thanks to Vaishnavi M for the concise report on the various activities held under the banner of SSNCE - ICI Student Chapter.



IEI Student Chapter



Under the aegis of the SSNCE Student Chapter of IEI, the Department of Civil Engineering organized the following activities for the benefit of the student community.

→ **Webinar** on 'Online Open Book Exams – Dos and Don'ts', delivered by Dr. G. Janardhanan, Associate Professor, NITTR, Chennai, on 24th Jul 2020.

→ **Webinar and Career Guidance Talk** on 'Modern Technologies in Civil Engineering', delivered by Mr. L. Suresh Kumar, Assistant Engineer in Central Public Works Department, on 9th Aug 2020.

→ **Webinar** on 'Foundation Engineering', delivered by Mr. K. C. Francis, Founder, Febby Consultants, on 21st Aug 2020.

→ **Webinar** on 'Compatibility of Super Plasticizers with Portland Pozzolona Cement', delivered by Dr. Maganti Janardhan Yadhav, Professor of Civil Engineering in JNTU College of Engineering, Hyderabad on 15th Sep 2020.

→ **Webinar** on 'Cost Effective Construction Materials', delivered by Dr. A. Veerappan, Former Special Chief Engineer in TNPWD, on 7th Oct 2020.

- * The Institution of Engineers (India) (IEI) is a statutory body to promote and advance the engineering and technology, established in 1920 and incorporated by Royal Charter in 1935.
- * It is the largest multi-disciplinary professional body of engineers encompassing 15 engineering disciplines with a Corporate membership of over 2 lakhs, and serving the nation for more than 9 decades.
- * It is imperative to note that IEI is a pioneer body to introduce continuing engineering education programme, successful completion of which is recognized as equivalent to a degree in engineering by the Government of India.

Webinar on 'Online Open Book Exams – Dos and Don'ts'

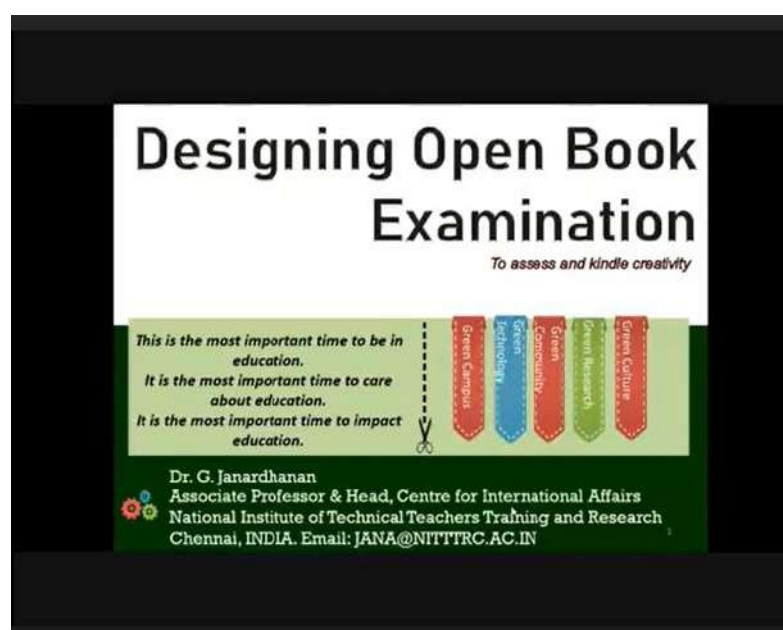


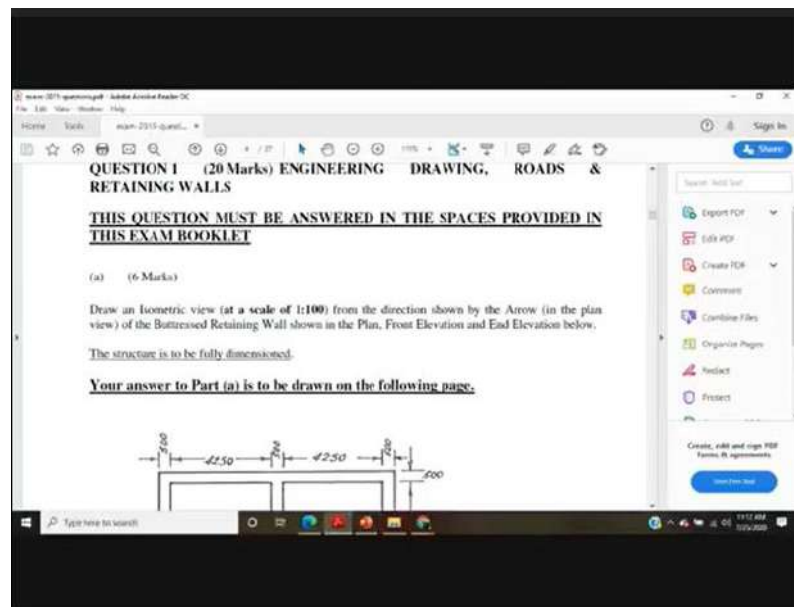
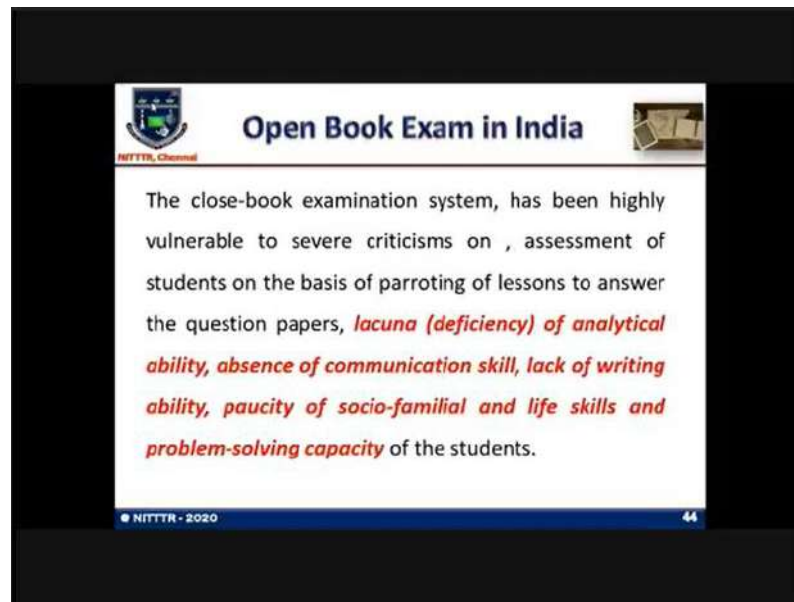
SSNCE - IEI student chapter organized a webinar on 'Online Open Book Exams – Dos and Don'ts', delivered by Dr. G. Janardhanan, Associate Professor, NITTTR, Chennai, on 24th Jul 2020.

With the Covid-19 pandemic forcing us to shelter-in-place, the academic community was taken on a wild-ride with classes and assessments moved online. To help us gain better understanding on how online open book exams can be used effectively as an assessment tool, a webinar and interaction session was arranged with Dr. Janardhanan.



Dr. Janardhanan has conducted more than hundred training programmes, international and national, for faculty, industry and researchers. He is an expert in instructional design and delivery through ICT. His proficiency in conducting online training programmes made him the apt choice for addressing the issue of online open book exams.



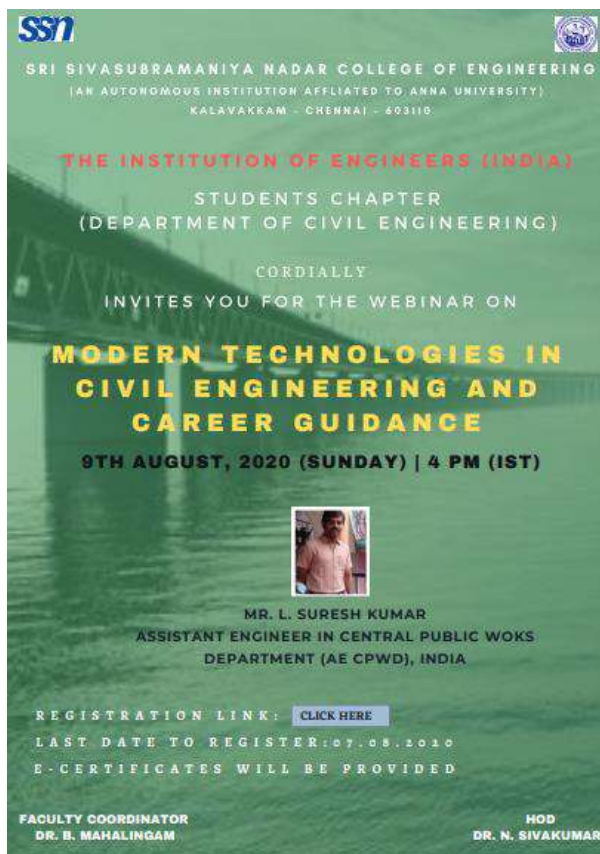


The session which traversed more than 90 minutes gave an insight on the competent and optimal use of open book exams for online assessment. We were able to understand the types of online exams, restrictions for both the faculty and students and the merits and demerits of an open book exam. His inputs on using these assessment tools for effective implementation of OBE was highly resourceful. A few sample tests were presented and analysed for better understanding.

Webinar on 'Modern Technologies in Civil Engineering and Career Guidance'



SSNCE - IEI student chapter organized a webinar on 'Modern Technologies in Civil Engineering' and 'Career Guidance Talk' on 9th Aug 2020. The expert speaker was Mr. L. Suresh Kumar, Assistant Engineer in Central Public Works Department.



Mr. L. Suresh Kumar

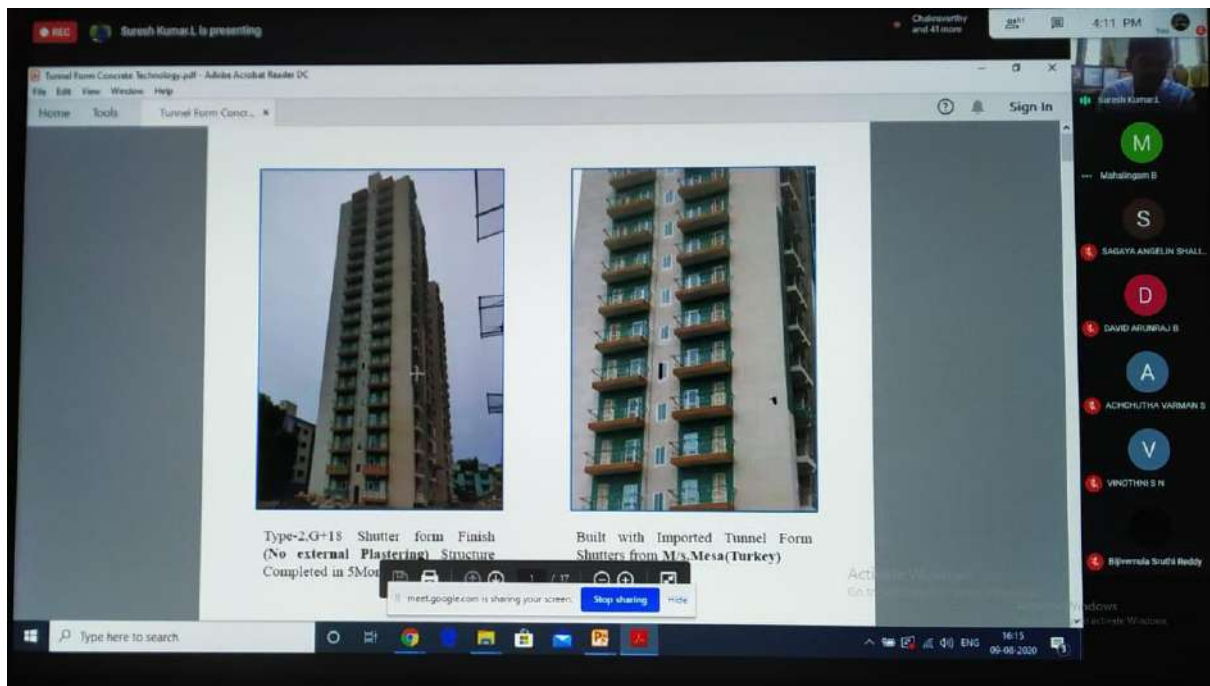
Assistant Engineer, C.P.W.D.

Mr. L. Suresh Kumar obtained his M.Tech., (Structures) from IIT Madras. He has over 17 years of experience as an Engineer in the Central Public Works Department, Govt. of India. He has been involved in several projects all over the country including residential, bridge and border fencing projects. He is also the winner of the best project medal during his master's programme at IIT Madras. He is dedicated to the cause of education by disseminating practical knowledge and holistic development of students.

The session started with the speaker giving an insight on the importance of innovation in civil engineering and how it is the need of the hour. He introduced us to a promising technology which is tunnel form technology. He explained to us how tunnel form technology could be the future methodology of construction. This form of construction does not involve columns or beams and does not require plastering. He also gave us an insight about aluminium and plastic form work technology.

Further he educated us on the different career paths available in civil engineering. He explained to us on how one can become a field engineer or take up management and marketing. He also detailed to us about the government sector

opportunities, design opportunities, management opportunities, academic opportunities and research opportunities.



He also gave us an insight on how to choose an internship and what to learn from it. His preparation tips for gate exam were something that the students needed at this juncture. Dr. N. Sivakumar and Dr. B. Mahalingam appreciated the speaker for his effort, commitment and achievement in his field.

Webinar on 'Foundation Engineering'



SSNCE - IEI student chapter organized a webinar on 'Foundation Engineering' on 21st Aug 2020. The expert speaker was Mr. K. C. Francis, Founder, Febby Consultants, India with over 33 years of experience in the field of geotechnical engineering.

SSN **SRI SIVASUBRAMANIAM NADAR COLLEGE OF ENGINEERING**
(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)
 KALWAKKAM - CHENNAI - 600110.

THE INSTITUTION OF ENGINEERS (INDIA)
 STUDENTS CHAPTER
 (DEPARTMENT OF CIVIL ENGINEERING)

CORDIALLY INVITES YOU FOR THE WEBINAR ON
FOUNDATION ENGINEERING
 21ST AUGUST, 2020 (FRIDAY) | 6PM (IST)

MR. K. C. FRANCIS
 FOUNDER AND OWNER OF THE FIRM "FEBBY CONSULTANTS", INDIA

REGISTRATION LINK: [CLICK HERE](#)
 LAST DATE TO REGISTER: 21.08.2020 @ 7A.M.
 E-CERTIFICATE WILL BE PROVIDED

DR. B. MAHALINGAM
 FACULTY COORDINATOR

DR. N. SIVAKUMAR
 HOD

MR. K. C. FRANCIS
 FOUNDER AND OWNER OF THE FIRM "FEBBY CONSULTANTS", INDIA

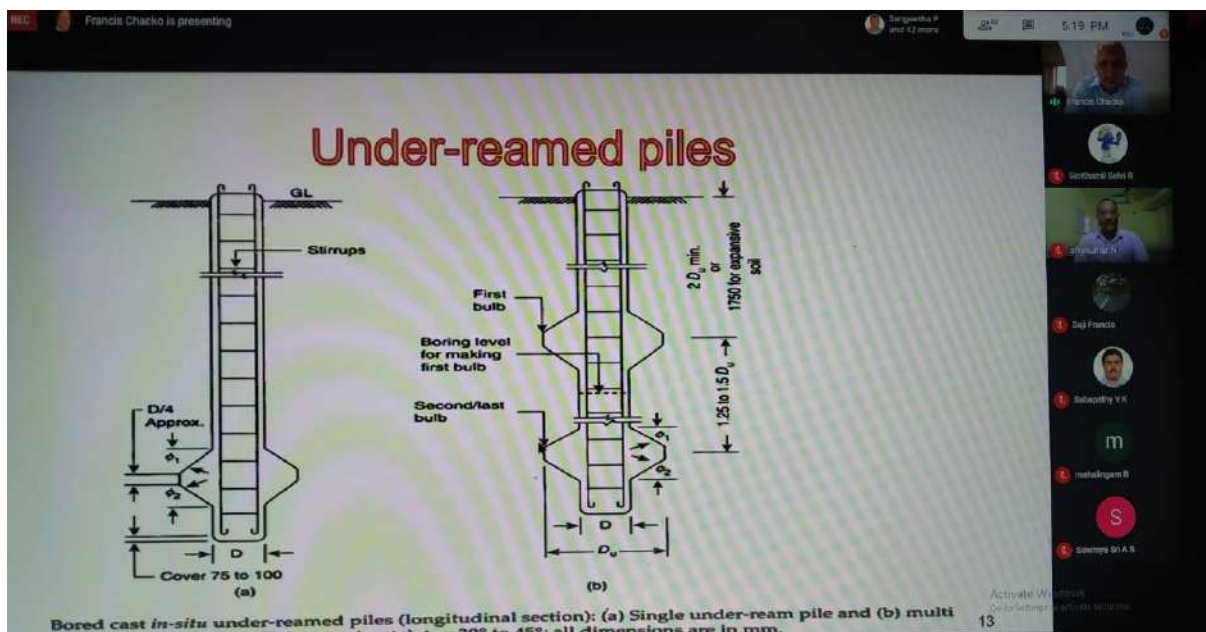
Mr. K. C. Francis is a graduate in Civil Engineering from Kerala University, 1964. He worked in Military engineering services from 1964 till 1976 in different stations undertaking structural design, construction, contract section and planning sections. He worked in Bahrain and Muscat in construction work and as structural design in Mumbai for an intervening period of one year and total period from 1976 till 1979. He established the firm Febby Consultants in 1981, which is still undertaking architectural design, structural design, valuation of immovable properties in Kerala. He is a fellow of various professional institutions like institution of engineers, India, Indian association of structural engineers and institution of valuers, India.

The session started with the briefing on what is foundation and its importance. Further, the speaker listed the types of foundation and explained in detail about different types of shallow foundation and how it is to be laid, which includes isolated footing and strap footing. The speaker further enhanced our knowledge on pile foundation, pier foundation, well or caisson foundation. Further he explained to us about the factors which affect the choice of foundation. Among those factors, he particularly detailed upon the bearing capacity of soil and how it affects the choice of foundation.

We were also taught about how to find the gross bearing capacity and net bearing capacity. He went on to elucidate about the type of rock and soils namely non-cohesive soil and cohesive soil and their corresponding net bearing capacities. We were also briefed about how depth of footing is to be found and also the factors affecting the depth of shallow foundation.

The speaker provided us with the pictorial presentation and procedure on how to provide foundation in sloping ground and gave us a glimpse on precautions to be taken while providing foundation in sloping ground. He further taught us in detail, the step-by-step method to determine the area and depth of a square column carrying a vertical load.

There were more than 60 participants comprised of students, academicians and industry personnel. The webinar proved to be very informative and the audience was able to gain immense knowledge about foundations and engineered choice of a foundation type.



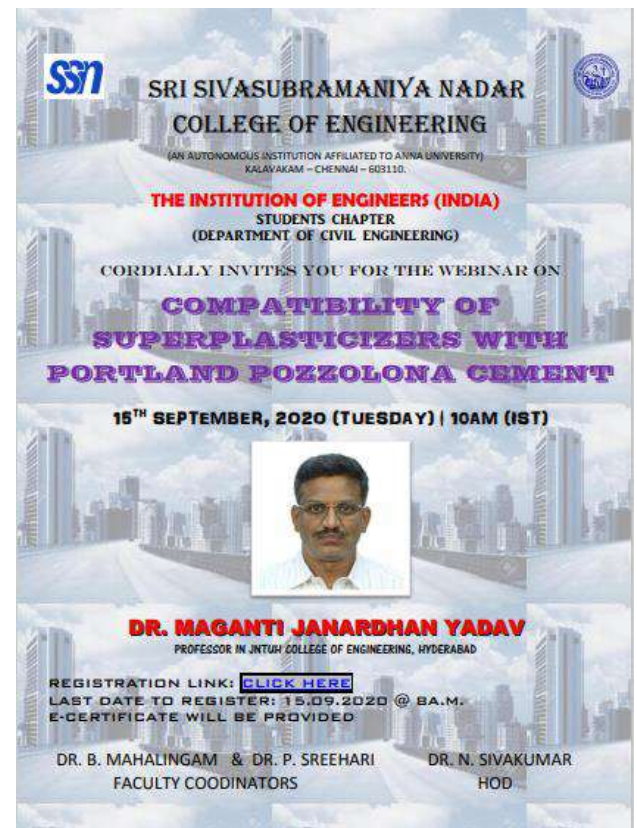
Webinar on 'Compatibility of Super Plasticizers with Portland Pozzolona Cement'



SSNCE - IEI student chapter organized a webinar on 'Compatibility of Super Plasticizers with Portland Pozzolona Cement' on 15th Sep 2020, to commemorate Engineer's Day. The expert speaker was Dr. Maganti Janardhan Yadhav, Professor in JNTU College of Engineering, Hyderabad. The event was coordinated by Dr. P. Sreehari and Dr. B. Mahalingam.

The session started with the briefing on what is Portland Pozzolona cement and its advantages. Further, the speaker detailed about the three grades of cement, fly ash in cement, types and uses of admixtures.

He discussed the different types of super plasticizers that we add to RMC (Ready Mix Concrete). He specially highlighted on how chemical admixtures react with concrete. He further detailed to us about plasticising admixtures and mineral admixtures and where we get them from. He gave an insight about the importance and need of workable concrete. We also got to learn about tests and procedures to determine the workability of concrete. We got to learn about three types of PCC cement, chemical composition and physical properties of three cements. He also explained to us about different strength of concrete, he specially detailed about Proctor's penetrometer test. He also explained how the three PCC cements are related and their similarities and differences.



There were more than 120 participants comprised of students, academicians and industry personnel. The webinar proved to be very informative and the audience was able to gain immense knowledge about super plasticisers' interaction with cement.



- **Properties of Concrete in both fresh and hardened states can be modified by admixtures.**
- In some countries about 70 to 80% of all the concrete produced contains one or more admixtures.
- **Civil engineers should be familiar with commonly used admixtures.**
- Admixtures vary in Composition from Surfactants, soluble salts and polymers to insoluble minerals.

Webinar on 'Cost Effective Construction Materials'



SSNCE - IIEI student chapter organized a webinar on 'Cost Effective Construction Materials' on 7th Oct 2020. The expert speaker was Dr. A. Veerappan, Former Special Chief Engineer in TNPWD.



DR. A. VEERAPPAN

Date of Birth	: 04-07-1944 - 76 Years
Qualification	: Ph.D (Struct. Engg.), B.E.(Civil), M.E.(Structural Engg.), FIE(I), Sr. PE, MICI, Dip. LL & AL,
Occupation & Address	• Former Special Chief Engineer, TNPWD • Managing Director, Er.A.Veerappan & Associates (TN) P Ltd New No 36, Valluvar Road, T.S.D Nagar, Arumbakkam, Chennai - 600 106. (M): 94444 04774 , (Off): 72000 79289. email: er_a_veerappan@hotmail.com • Structural Consultant Fellow of Institution of Engineers(I) Reg.No:F-016434-4 Registered in CMDA No: S.E/Gr-I/19/05/113

- **First Rank Holder in B.E.(Civil) from ACCET, Karaikudi - in 1967 & Recipient of Tmt. Umayal Ramanathan Gold Medal in 1967.**
- **Second Rank Holder in M.E. (Struct.) from PSG Tech., Coimbatore in 1978.**
- **Recipient of Anna Award by Govt. of Tamil Nadu for Best Superintending Engineer in TNPWD in the year 2001-2002.**
- **35 years service in Tamil Nadu PWD in the planning, designing and construction of multistoreyed Buildings and Irrigation Projects (Tanks + Groundwater) as detailed below.**

The session started with briefing on different construction materials used. Dr. Veerapan explained to us about different types and grades of cement used and their cost and strength.

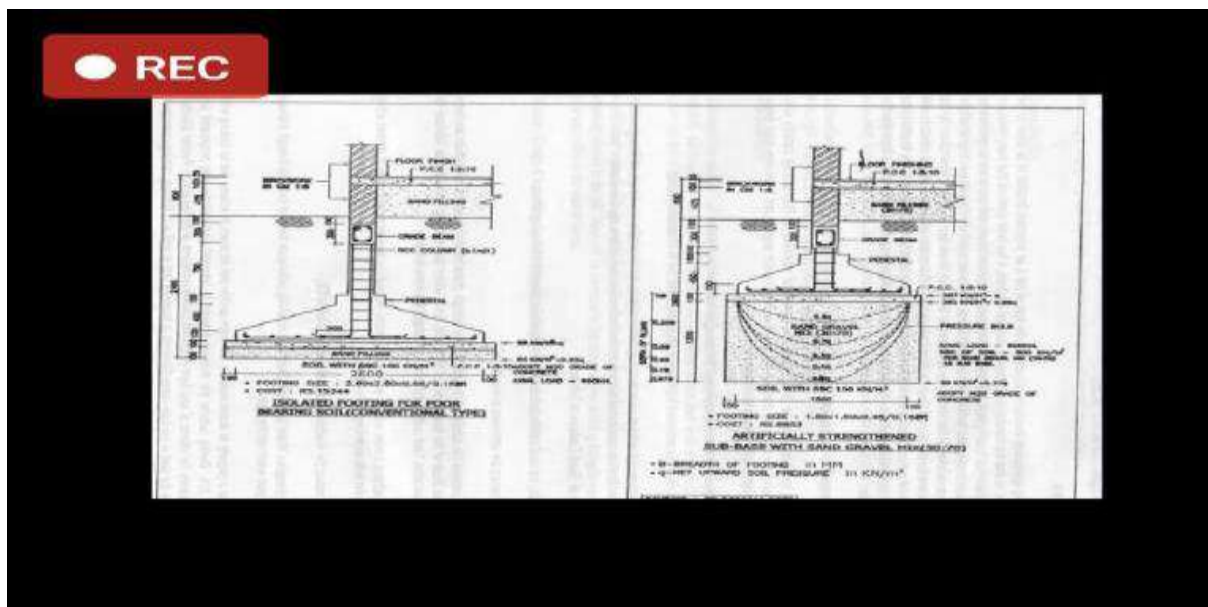
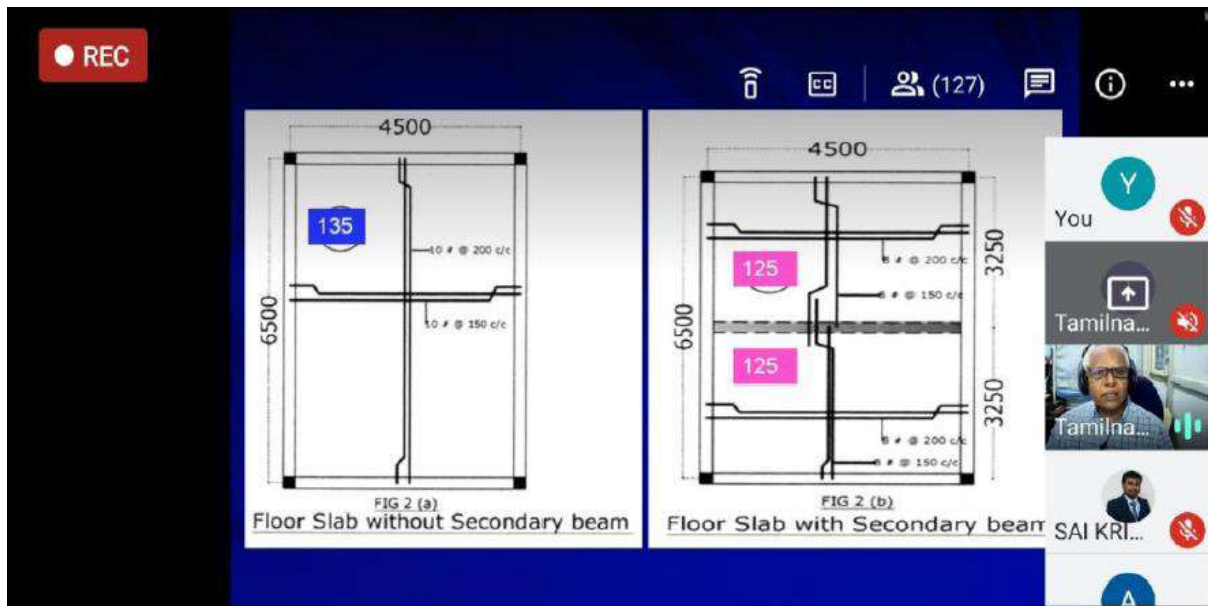
He briefed us about different problems we encounter while choosing cement. He highlighted a few tips and guidelines on how to choose and use correct type of cement in such a way such that it is cost effective while not compromising on strength.

He educated us about the latest findings and new types of cement. He also gave us an insight of how to reduce the cost of concrete, by techniques like replacing M-sand with Quarry dust, stone crusher dust. He also showed us the test results on concrete cubes using stone crusher dust. Further, he explained to us about different treatments for water proofing. He specifically emphasized on use of precast solid concrete blocks, and the use of precast solid concrete blocks versus chamber Bricks (clay burnt bricks). He also compared M-sand and river sand, and weighed its advantages and disadvantages.



He highlighted alternative cost-effective construction materials like FRP and TMT, threaded PP-R pipes, etc. He also emphasized on steel reduction techniques by using RHS and SHS which reduces cost and also not compromising on strength.

There were more than 100 participants comprised of students, academicians and industry personnel. The webinar proved to be very informative and interactive. It was an honour to connect with an engineer par excellence of Dr. A. Veerapan's stature and experience.



Credits and thanks to David Arunraj and team for the write-up of the various activities held under the banner of SSNCE - IEI Student Chapter (Civil Engineering).



PARAMETER	M-SAND	RIVER SAND
Process	Manufactured in factory	Naturally available
Transportation	Locally available	Needs to be transported long distances
Excavation	Scientific operations	Nearly 30% extra cost for loading
Silt content	Zero silt	Anything more than 3 % is harmful to the durability
Concrete strength	Higher strength	Lesser strength
Marine products	Zero per cent	1-2% like sea shells, tree barks etc
Price	Reasonable	Higher
Adulteration	Probability is less	High probability

IGBC Student Chapter



Under the aegis of the SSNCE Student Chapter of IGBC, the Department of Civil Engineering organized the following activities for the benefit of the student community.

→ **Webinar** on 'Procurement Management', delivered by Er. S G Ashok Kumar, PMP, IGBC - AP, Executive Director - Prayojana Construction Management Training Institute, on 5th Jul 2020.

→ **Webinar** on 'Preparation of Bar Bending Schedules', delivered by Er. P R Anantha Narayana, Expert trainer in Prayojana Construction Management Training Institute, on 31st Jul 2020.

→ **Webinar** on 'Introduction to Green Buildings and Embodied Energy', delivered by Dr. R Senthilkumar, Assistant Professor and Associate Dean (P&D), Department of Civil Engineering, NIT Trichy, on 14th Aug 2020.

→ **Webinar** on 'Sustainability - Concepts and Practices', delivered by Dr. Savitha Srinivasan, Ph.D. graduate from the Infrastructure and Materials Engineering Research Group at UT Austin, on 8th Sep 2020.

* The Indian Green Building Council (IGBC), was formed in the year 2001 with the vision "To enable a sustainable built environment for all and facilitate India to be one of the global leaders in the sustainable built environment by 2025".

* The council offers a wide array of services which include developing new green building rating programmes, certification services and green building training programmes.

* The student chapter aims to encourage and promote sustainability led initiatives amongst our students.



Webinar on 'Procurement Management'



SSNCE – IGBC student chapter organized a webinar on 'Procurement Management', delivered by Er. S G Ashok Kumar, PMP, IGBC - AP, Executive Director - Prayojana Construction Management Training Institute, on 5th Jul 2020.

The session started with the explanation of skills required for a civil engineer to be a procurement manager. Further, the speaker explained the roles and responsibilities involved in the field of procurement management. He elaborated the need of this procurement management in the current construction industry. The session was very interactive with the participants and the speaker cleared all the doubts of the participants in a detailed manner.



Er.Ashok Kumar PMP, IGBC-AP · 2nd
Professional Trainer | Trained & Placed 750+ Civil Engg across India in 3 years | Trainer for Working Professionals

Er. S. G. Ashok Kumar has 20+ years' experience in Project Management worked in Mega Projects, presently into Training and Development of Civil Engineers & Architects as per the Industry requirements on various domains of Construction. He has a bachelor's degree in Civil Engineering from SRM Engineering College, Kattankulathur, Chennai. He has worked in various institutions including Larsen and Toubro, Patel Realty India, Artha Real Estate Corporation Limited before his current position as executive director of construction management training institute, Bengaluru. He is also the core convenor for Institutions and Student activities of the Indian Green Building Council, Bengaluru.

Webinar on 'Preparation of Bar Bending Schedules'



SSNCE - IGBC student chapter organized a webinar on 'Preparation of Bar Bending Schedules', delivered by Er. P R Anantha Narayana, Expert trainer in Prayojana Construction Management Training Institute, on 31st Jul 2020.

The session started off with the basics and formulas involved with bar bending schedules. Further, the speaker explained the procedure for BBS of an isolated footing in a detailed manner with the help of MS Excel. Also, he continued his detailed explanation for pile foundation with the help of detailing diagrams. The speaker briefly taught about the fundamentals and important aspects of providing different rods with real field examples. The informative session came to an end with student –speaker Q&A interaction.



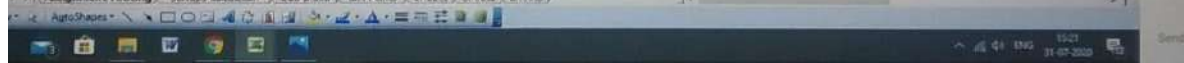
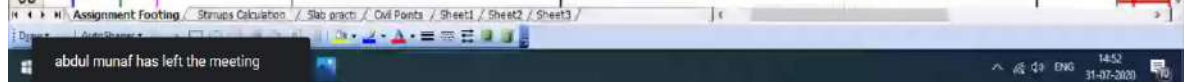
P R ANATHANARAYANA

CMTI- EXPERT TRAINER

FOR YOUNG ENGINEERS/WORKING PROFESSIONALS

Mr. P. R. Anathanarayan is a Graduate in Civil Engineering from Bharathiyar University having 40 years' experience in Project development, Strategic planning, Project Management, Cost/Time Management, Project implementation and coordination in the fields of Hospital, Commercial Buildings and Residential developments. He is currently with Prayojana Construction Management Institute, Bengaluru. Before his present position, he has served a wide range of institutions in various technical capacities including Bhaggyam Constructions, Buhari Holdings Private Limited, Puravankara Projects Limited, Doshi Housing, Ganesan Buildings, Unitech Limited, Shapoorji Pallonji & Company Private Limited, Noorani Biswas, Muscat, SPICS, Chennai. He is a fellow of institution of engineers, member of Indian society for technical engineering, chartered engineer and fellow of institution of valuers.

The webinar greatly helped the participants to gain more knowledge about the basics involved with bar bending schedules. This webinar especially detailed the BBS process for foundation of a structure.



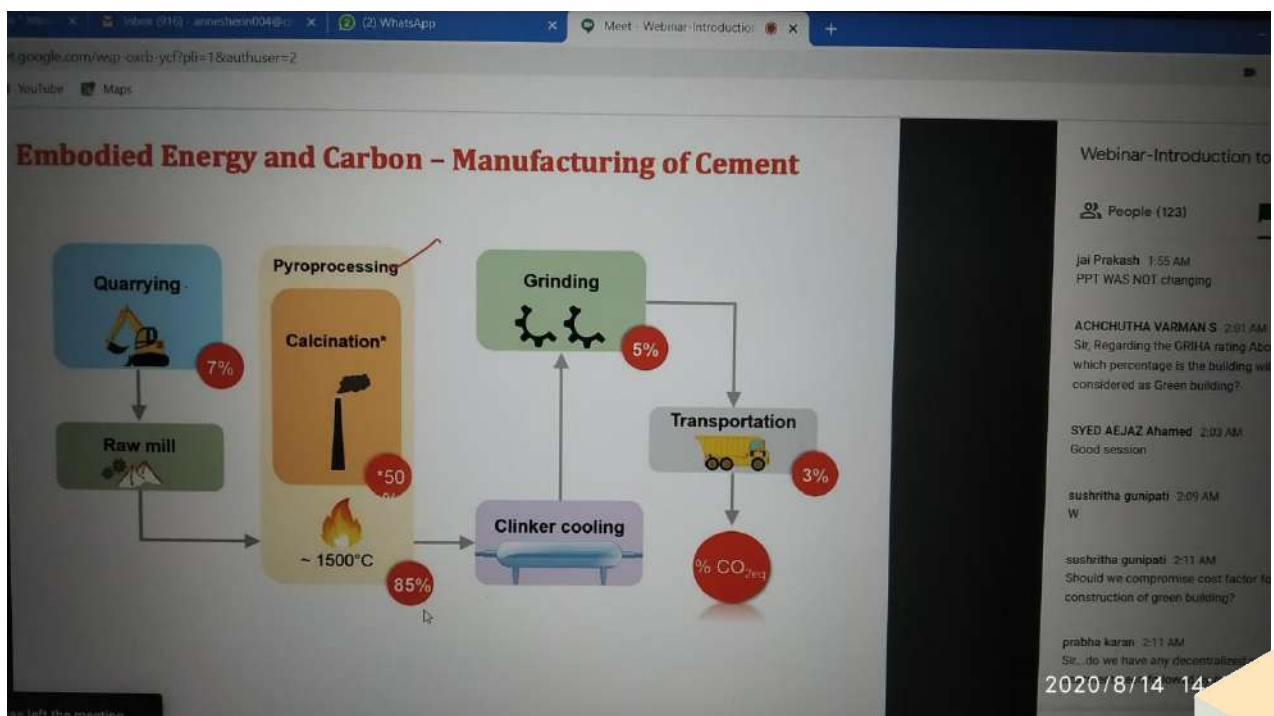
Webinar on 'Introduction to Green Buildings and Embodied Energy'



SSNCE - IGBC student chapter organized a webinar on 'Introduction to Green Buildings and Embodied Energy', delivered by Dr. R Senthilkumar, Assistant Professor and Associate Dean (P&D), Department of Civil Engineering, NIT Trichy, on 14th Aug 2020. The event was coordinated by Dr. P Sangeetha with Dr. R Srinath.

The session started with a brief introduction about the need of green buildings. Then, the speaker explained the rating systems for the rating of a green building. He elaborated about GRIHA rating systems and the CPWD ratings for the green building. Further he explained about the embodied energy involved in various stages of construction industry. The session was highly informative about the rating systems and embodied energy.

The speaker really gave the participants a great insight about the need of Green buildings. The webinar greatly helped the participants to gain more knowledge about the different rating systems and the requirements of a green building.



Webinar on 'Sustainability – Concepts and Practices'



SSNCE - IGBC student chapter organized a webinar on 'Sustainability - Concepts and Practices', delivered by Dr. Savitha Srinivasan, Ph.D. graduate from the Infrastructure and Materials Engineering Research Group at UT Austin, on 8th Sep 2020. The event was coordinated by Dr. Y K Sabapathy with Dr. R Srinath.

The session started with a brief introduction about the global issues faced by the society which can be reduced by following the sustainability practices and concepts. The role of sustainability in various aspects such as cost reduction, resources and energy optimization along with various examples were explained in detailed manner. The webinar concluded with the solutions to move towards a sustainable society.

The speaker gave the participants a prodigious insight about the need of sustainability practices. The webinar greatly helped the participants to gain more knowledge and responsibility towards the environment and society.

FIXING OUR CITY PROBLEM!

- CHANGE THE WAY CITIES ARE DESIGNED/EXPANDED.
- INCENTIVIZE INDUSTRIES/CORPORATIONS TO PROVIDE EMPLOYMENT OPPORTUNITIES IN RURAL.
- INCENTIVIZE CONSTRUCTION COMPANIES TO INVEST IN AFFORDABLE/LOW-COST HOUSING UNITS.
- INCENTIVIZE RESEARCH TO INCREASE DURABILITY OF INFRASTRUCTURE.
- INCREASE BUDGET ON MAINTENANCE AND REPAIR OF AGING INFRASTRUCTURE.
- GOVERNMENTAL REGULATIONS IN PLACE TO PROVIDE ESSENTIAL SERVICES IN RURAL AREAS.
- POPULATION CONTROL.
- PREVENT DESTRUCTION OF GREEN AREAS.
- RECLAIM FOREST AND AGRICULTURAL AREAS.

PUBLIC HEALTH AND SANITATION

- **1346-1353 BLACK DEATH** - BUBONIC PLAGUE THAT ORIGINATED IN CENTRAL ASIA AND SPREAD ACROSS EURASIA AND NORTH AFRICA - KILLED **75-200 MILLION**.
- **1899-1923 SIXTH CHOLERA OUTBREAK** - STARTED IN INDIA AND SPREAD TO EUROPE - NO OFFICIAL NUMBERS, IS EXPECTED TO HAVE KILLED **HUNDREDS OF THOUSANDS**.
- **1918-1920 SPANISH FLU** - INFECTED ONE-THIRD OF THE WORLD'S POPULATION - KILLED BETWEEN **50 AND 250 MILLION**.
- **1957-1958 ASIAN FLU (H2N2)** - ORIGINATED IN HONG KONG AND SPREAD TO EUROPE AND NORTH AMERICA - KILLS MORE THAN **ONE MILLION** - VARIATIONS OF THIS FLU VIRUS EXIST EVEN NOW.
- **1961-PRESENT CHOLERA** - ORIGINATED IN INDONESIA AND SPREAD TO ASIA, CENTRAL AFRICA, SOUTH AND LATIN AMERICA. **NUMBER UNKNOWN**.
- **1957-1958 HONG KONG FLU (H3N2)** - ORIGINATED IN HONG KONG AND SPREAD TO EUROPE AND NORTH AMERICA - KILLS MORE THAN **ONE MILLION**.
- **1981-PRESENT HIV/AIDS** - ORIGINATED IN CENTRAL AFRICA AND SPREAD ACROSS THE WORLD - HAS SINCE KILLED MORE THAN **TENS OF MILLIONS**.

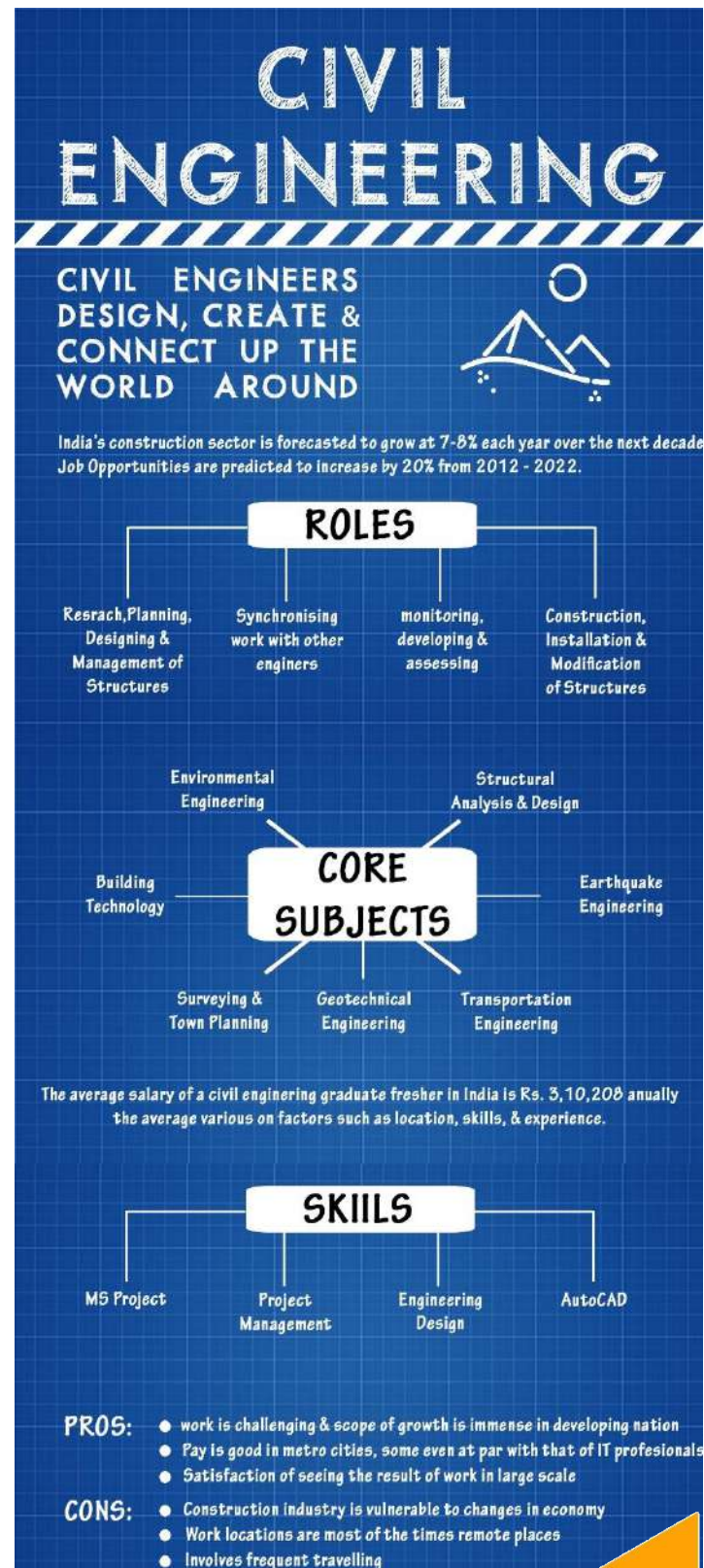
Credits and thanks to Anne Sherin for the concise reports on the various activities held under the banner of SSNCE - IGBC Student Chapter.

Association of Civil Engineers (ACE) acts as an avenue for the students to get along with each other and work as a team guided by the Head of the Department and the department faculty in conducting various co-curricular activities. ACE was formally inaugurated for the current academic year on 8th Sep 2020, by Mr. Sivaguru Prabhakaran, M.Tech., IAS, Sub-Collector, Kodaikanal. The following activities were held under its banner.

→ **Online Guest Lecture** on 'My Journey to be a Civil Engineer', delivered by Mr. Sivaguru Prabhakaran, M.Tech., IAS, Sub-Collector, Kodaikanal on 8th Sep 2020.

→ **Webinar and Career Guidance** on 'Opportunities for Civil Engineers', delivered by Mr. Yuvaraj Tejupta, Director of Tejupta IAS Training Centre, on 16th Sep 2020.

→ **Online Guest Lecture** on 'Compatibility Analysis and Touchdown at NUS: Things to Know', delivered by Er. Kowtham Raj Kalimuthu, Director, Ideal Constructor, on 24th Oct 2020.



Online guest lecture on 'My Journey to be a Civil Engineer'

ACE

Association of Civil Engineers

The Association of Civil Engineers, SSNCE was formally inaugurated virtually by Mr. Sivaguru Prabhakaran, M.Tech., IAS, Sub-Collector, Kodaikanal on 8th Sep 2020. Mr. Sivaguru delivered an inspiring guest lecture on his journey towards becoming a Civil Engineer.



Mr. Sivaguru Prabhakaran, hails from Melaottankadu Village in Pattukottai. He is an epitome of hard work, perseverance and a 'never say cannot' attitude. Coming from an underprivileged farming family, he was forced to give up his engineering dreams after class 12, to support his family financially. He then worked as a sawmill operator and a farm labour. Four years later, after saving up enough to fund his sister's marriage and brother's college education, he joined engineering in 2008 and graduated as a Civil Engineer from the Thanthai Periyar Government Institute of Technology in Vellore.

With recession hitting the job market, his pursuit towards a better future, led him to join GATE coaching at a reputable institute in St. Thomas Mount during his undergraduate days. He used to commute in train to Chennai from Vellore for the classes during the weekends, even sleeping on the platform of the St. Thomas Mount railway station. He continued to work after college hours during the weekdays to support his family. Despite his Tamil medium schooling and against all odds, with sheer grit and perseverance, he secured admission into the M.Tech. programme at IIT Madras with a brilliant GATE score and graduated in 2014 with a 9.0 CGPA.



Mr. Sivaguru Prabakaran, second from right, during his college days

Having been inspired by Dr. J. Radhakrishnan, IAS, who he idolized when young, he decided to give the civil services examination a shot. He successfully cleared the interview in his fourth attempt. He attributes his success to the women in his life – his mother, sister and friends.

His journey from an alcoholic's son to an engineering graduate to an IAS officer is sure to inspire many of us in giving our best efforts and not getting deterred by any curve ball that life may throw at us.

Webinar and career guidance on 'Opportunities for Civil Engineers'

ACE

Association of Civil Engineers

The Association of Civil Engineers, SSNCE, arranged a Webinar and Career Guidance on 'Opportunities for Civil Engineers', delivered by Mr. Yuvaraj Tejupta, Director of Tejupta IAS Training Centre, on 16th Sep 2020, collaborating with Kraciva, the Fun Club of the Department of Civil Engineering.



Mr. Tejupta gave us a brief note on the opportunities for civil engineering students in the government sectors like UPSC, TNPSC, ISRO, IES, GATE and gave us some ideas to face interviews to place in the core companies. He cleared doubts for various government exam aspirants and also inspired us to get self-motivated. The most important part is that the speaker's advice on positives and negatives of life gave confidence to the participants to strive for the best.

Online guest lecture on 'Compatibility Analysis and Touchdown at NUS: Things to Know'

ACE

Association of Civil Engineers

The Association of Civil Engineers, SSNCE, organized an online guest lecture on 'Compatibility Analysis and Touchdown at NUS: Things to Know', delivered by Er. Kowtham Raj Kalimuthu, Director, Ideal Constructor, on 24th Oct 2020.



ssn **ACE**
 SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
 (AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)
 KALAYAKAM - CHENNAI - 600110

ASSOCIATION OF CIVIL ENGINEERS
 DEPARTMENT OF CIVIL ENGINEERING
 INVITES YOU TO JOIN
 WEBINAR

**STRAIN COMPATIBILITY ANALYSIS
 &
 TOUCHDOWN AT NUS : THINGS TO KNOW**


MR. KOWTHAM RAJ KALIMUTHU B.E., M.S.(NUS)
 IDEAL CONSTRUCTIONS - CHENNAI

24 Oct 2020 | 9.00 am
E-Certificate will be provided

DR.S.V. SIVAPRIYA
 FACULTY COORDINATOR

DR.N. SIVAKUMAR
 CONVENER

Mr. Kowtham Kaliraj Muthu, obtained his Bachelor's Degree in Civil Engineering from Anna University and Master's from National University of Singapore, Singapore. He is currently associated with Ideal Constructions, Chennai. He was involved in the Deep Excavation of the West Coast Road Station Cut and Cover Tunnel in Singapore during the course of his Masters programme.

The webinar covered various aspects of strain compatibility analysis, his niche research area. He also gave a detailed summary of career opportunities in Civil Engineering, admission procedures to get into NUS and also projects done by him. He shared his knowledge regarding various design software and shared his experience which was great inspiration for the participants.

Credits and thanks to Gunalan and team for reporting on the various activities of the Association of Civil Engineers.

KRACIVA – The Fun Club



KRACIVA – the fun club of the Department of Civil Engineering, organized the following activities in order to encourage the students to explore extra-curricular avenues, network with seniors and help them with career guidance.

- **Music Night** on 2nd Jul 2020.
- **Words Rule**, a writing contest in Aug 2020.
- **Alumni chit-chat session #1/2020-21** (Networking with Alumni) on 11th Aug 2020.
- **Game Night** on 15th Aug 2020.
- **Learn to Sketch a Portrait** with Vijayaraj, III year, B.E. Civil Engineering, on 23rd Aug 2020.
- **Webinar and Career Guidance** on ‘Opportunities for Civil Engineers’, collaborating with the Association of Civil Engineers, on 16th Sep 2020.
- **Alumni chit-chat session #2/2020-21** (Higher Studies after Civil Engineering) on 27th Sep 2020.
- **Alumni Guest Lecture** on ‘Insights in BIM’, delivered by Mr. K. Umamaheswaran (B.E. Civil Engineering 2011-15), Planning Engineer at SS Jay Project Management Consultancy on 11th Oct 2020.
- **Junior-Senior chit-chat session #1/2020-21** (Campus Placement Process) on 30th Nov 2020.
- **Alumni chit-chat session #3/2020-21** (Online Proctored Exams) on 12th Dec 2020.

- * KRACIVA aims at promoting social wellbeing and friendship among the students and to bring out their hidden talents and artistic skills.
- * KRACIVA organizes events that promote all kinds of artistic talents.
- * KRACIVA also organizes junior-senior chit chat sessions and alumni interaction sessions, providing the students a platform to break the ice, communicate and improve their connections.



Music Night



KRACIVA organized a virtual music night, open to the students, staff and faculty of the Department of Civil Engineering, on 2nd Jul 2020. The event, organized amidst the lockdown, marked the first time the students came together virtually (other than for their class/test) in the academic year 2020-2021.

This bridged the gap between seniors and juniors within the department as they worked together to make this event a success. The event was fun filled and eventful. Nine students from all the years including our alumni performed live in the event. Students performed both vocal and instrumental. We also had a mash up by all of the performers. Our alumni also logged in and amidst the pandemic this made everyone feel overwhelmed and made them relive the college days.



Words Rule



KRACIVA organized a writing contest (poems, essays, short stories) open to the students of the Department of Civil Engineering. The theme was open and they can write about anything under the sun. The main motto of the event was to encourage students to write their thoughts and tap into their creative side. The event was announced on 29th Jul, 2020 and the winners were announced on 23rd Aug 2020.

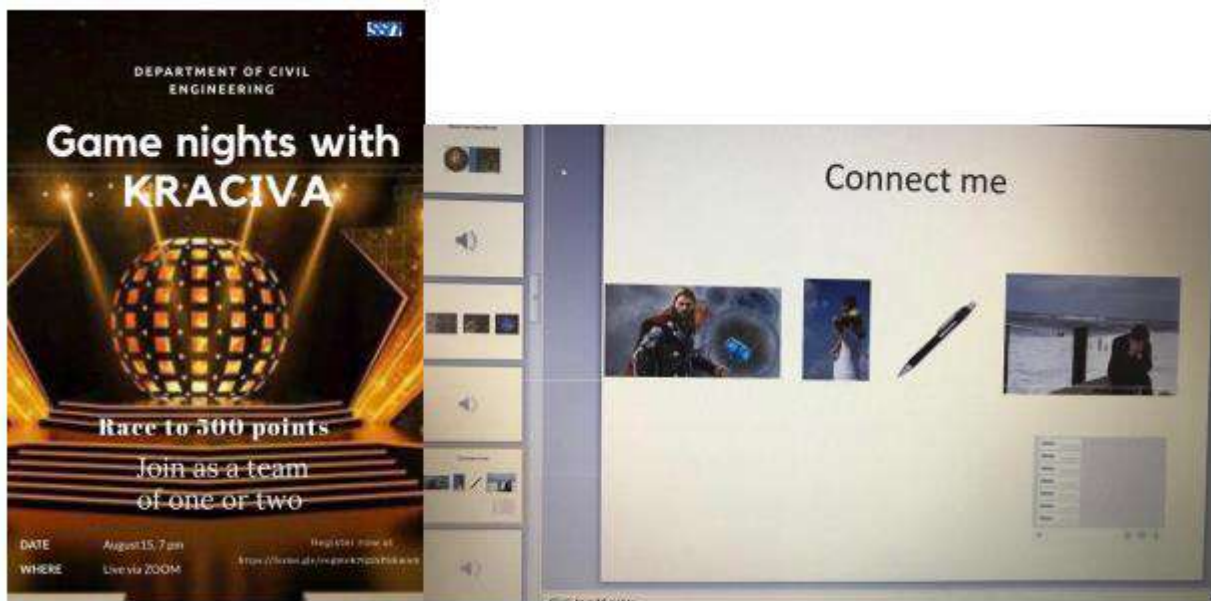


The submissions were judged by two alumni and the winners were announced based on their scorings. The winner was Rupashri V (2019-23), for her poem titled “The Unstoppable Woman”. Niranjan J (2017-21) secured second place. Sathyashree T R (2019-23) and Sonika M (2019-23) secured the third place.

Game Night



KRACIVA organized a game night on 15th Aug 2020. The event was open to the students, staff and faculty of the Department of Civil Engineering. This event was a breather after the commencement of online classes.



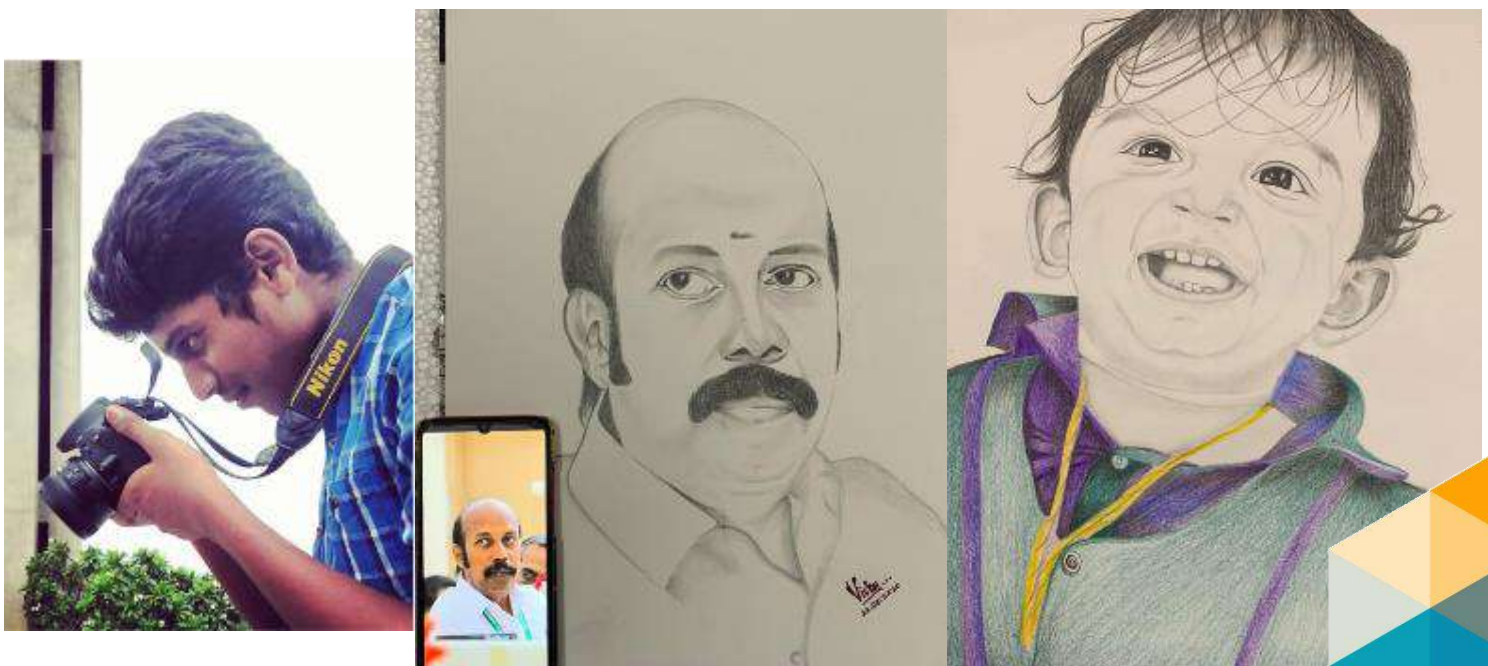
Nearly 20 teams (students, staff and faculty) competed enthusiastically. The event was also enjoyed by the 100 plus audience as they cheered and egged their favourites.



Learn to Sketch a Portrait



KRACIVA organized a virtual tutorial session 'Learn to Sketch a Portrait' with Vijayaraj, III year, B.E. Civil Engineering, on 23rd Aug 2020. Vijayaraj is a passionate artist with interest in a plethora of activities not limited to sketching, model-making, film-making, and music. The event was open to the SSNCE students, staff, faculty and their family.



Vijayaraj demonstrated the step-by-step pencil sketching of a portrait of a person. His tips and tricks that he showed surely came from years of practise and proved his expertise. The effort that he took with the set-up to show a live demo of the sketching process was very much appreciated. The session which went for over 90 mins was definitely not enough to pick his brains and for us to become experts in pencil sketching, but it sure felt like he held our hands and guided us to take baby steps in portrait sketching. Also, he briefly presented his meticulously detailed architectural models and explained about the process of architectural model making.

ARCHITECTURAL MODEL MAKING

CIVIL
ENGINEERING

Architectural models have been found in civilizations dating back as far as 4600 B.C.E., however they were not likely to have been used to explore construction and design techniques, but rather as representations for gifts and offerings.

TRIVIA

The features of design, such as the space layout, structure, surrounding environment, the illumination and ventilation inside the building, etc. can be effectively communicated to the clients using models.

Architectural models can be considered as the precursor to walk-through renderings and BIM.



It helps us

to imagine how the design looks like in reality by visualizing the 2D drawings or 3D digital models.

is an effective and efficient way to help the architect and the client to communicate.

Chit-Chat Sessions



KRACIVA regularly organizes Chit-Chat sessions with alumni as well as among the different batches of students in the department. These sessions help students network and interact with each other and alumni.

Alumni chit-chat session #1/2020-21 (Networking with Alumni) on 11th Aug 2020.

Speakers:

→ Mr. Deveshwar K, Graduate Engineering Trainee at TechnipFMC (B.E. Civil Engineering, 2016-20)



→ Mr. Gokul Krishna, GET at L&T Geostructure LLP (B.E. Civil Engineering, 2016-20)

Agenda:

- Introducing the concept and importance of networking with alumni
- Campus placement process

With the campus placement process still fresh in their minds, these alumni, who secured well-paying sound job offers, enlightened the students on how to emulate their success. They spoke about their experiences with the aptitude tests and interviews. They also talked about the companies that we are going to face and tips and strategies to face the placements season 2020-2021. It was an interactive session for one hour and thirty minutes and was highly informative and cleared most of the doubts of the students attending and preparing for placements.

Alumni chit-chat session #2/2020-21 (Higher Studies after Civil Engineering) on 27th Sep 2020.

Speakers:

→ Sadhana S, Graduate Student at Carnegie Mellon University (B.E. Civil Engineering, 2015-19)



→ Vigneshwaran S T, MBA graduate from IIM Bangalore, currently working in Bajaj Finserv Pune (B.E. Civil Engineering, 2014-18)

Agenda:

→ Higher Studies after B.E. Civil Engineering

Ms. Sadhana interacted with the students about the preparation strategies for GRE, IELTS and TOEFL and also gave a brief idea about the procedure of selecting a university abroad. After this, she answered questions asked by the participants.

Mr. Vigneswaran spoke about strategies of clearing the CAT examination and also gave a brief idea on tackling the personal interview of IIM. Following this, the speaker answered questions raised by the participants.



Junior-Senior chit-chat session #1/2020-21 (Campus Placement Process) on 30th Nov 2020.

Speakers:

- Ms. Janani, IV year, B.E. Civil Engineering, Student placement coordinator
- Mr. Gunalan, IV year, B.E. Civil Engineering, placed in TCS Ninja

Agenda:

- Awareness on placement training
- Analysis of the companies recruiting in our campus
- Importance of a good resume



Ms. Janani gave the juniors her insights about the types of companies, their packages and an overview about the interview process done virtually.

Mr. Gunalan emphasized the importance of the placement training and also about preparing resume for the interviews.

This talk served as an awareness session for the second year and especially the pre-final year students. The interaction following the talks were helpful for the pre-final years to clarify their worrying qualms regarding the campus placement process.

Alumni chit-chat session #3/2020-21 (Online Proctored Exams) on 12th Dec 2020.

Speaker:

→ Mr. Deveshwar K, Graduate Engineering Trainee at TechnipFMC (B.E. Civil Engineering, 2016-20)

Agenda:

→ Online Proctored Exams – preparation for and the process



Mr. Deveshwar shared his experiences on online proctored exams that he had recently given for Anna University VIII semester exams. He gave us an idea about how to prepare for online proctored exams as well as the processes of the online proctored exam. He also told us the norms that they followed while writing exam. His words eased the students' fear about online proctored exam. He finally concluded with his hearty wishes to the students for their exam.

*Me during examination *

My brain:



GAGS



When the entire class is arguing about the answer being 44 or 33 but you got 296



Alumni Guest Lecture on 'Building Information Modeling (BIM)'



KRACIVA organized an online guest lecture on 'Building Information Modeling (BIM)', delivered by our alumnus Mr. K. Umamaheswaran (B.E. Civil Engineering 2011-15), Planning Engineer at SS Jay Project Management Consultancy on 11th Oct 2020.



Mr. Umamaheshwaran K

Mr. Umamaheshwaran K, obtained his B.E., Civil Engineering from SSN College of Engineering and M.E., Construction Engineering and Management from Meenakshi Sundararajan Engineering College, Chennai. He had worked as a Senior Engineer at L & T. After completing his masters in Construction Management, he is currently working as a Planning Engineer at SS JAY Project Management Consultants. He is also a Digital Enthusiast, who is striving to merge the Digital world and the Construction world for developing urban spaces. He also specialises in IoT and BIM modelling.

Mr. Umamaheshwaran gave the students a brief note on the benefits and various levels of Building Information Modelling. He also added that BIM will become a basic necessary skill of each and every Civil Engineer in upcoming years. He advised the students to get more knowledge in BIM which would be useful for their career and job opportunities.



Credits and thanks to Priyadharsini Varma U M, Sonika and team for the concise write-up of the many activities organized by Kraciva.

Certification Program on Safety

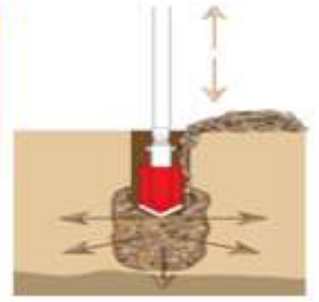


A six days training program on 'Certification Program on Safety' was conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020 exclusively for the Civil Engineering students of SSNCE. 97 B.E. Civil Engineering students of various years benefited from the programme. The programme was organized by Dr. Y K Sabapathy, Professor.

Through the certification programme, the students came to know about the basics of safety measures to be considered by engineers during a construction project or similar such projects. Each day unique topics were discussed in a detailed manner by experienced working professionals. Topics like LOTO, safety in heights, safety in tunnelling, safety in roads were discussed which were very unique and new to the students who are familiar only with theoretical concepts. The students came to know about the role of safety engineers and environmental engineers in every project and the job opportunities available in those fields. It was an interactive programme wherein the students were encouraged to raise their doubts then and there. The students benefitted and learnt the nitty-gritties of construction safety from experienced engineers.



Faculty Development Programme on 'Ground Improvement Techniques'



A Faculty Development Programme on 'Ground Improvement Techniques' was organized from 26th to 31st Dec 2020, coordinated by Dr. S.V. Sivapriya, Associate Professor and Dr. Jijo James, Associate Professor.

Ground Improvement Techniques aim

- to improve bearing capacity and reduce settlement of soft ground
- to prevent earthquake liquefaction
- to control groundwater levels
- to stabilize excavation bottom
- to prevent deformation of surrounding ground
- to clean up contaminated ground

With the current thrust towards sustainability and use of local materials, improving the properties of the locally available soil should be prioritised. This FDP aimed to disseminate the know-how of the latest technological advancements in the subject and strengthen the understanding of basic principles.

The five-day programme was filled with expert lectures from eminent academicians and researchers. More than 40 faculty from various colleges participated and benefitted from the programme.

SRI SIVASUBRAMANIYA NADAR
COLLEGE OF ENGINEERING
(An Autonomous Institution affiliated to Anna University)
Kelavakkam, Chennai - 603 110

Department of Civil Engineering

Invites you to join
A five day Faculty Development Programme
ON
GROUND IMPROVEMENT TECHNIQUES

		
Dr. Rakesh J Pillai Assistant Professor HT Palakkad	Dr. S Bhuvaneshwari Associate Professor SRM Kattankulathur	Dr. Soundara B Professor and Head BIT Erode
		
Dr. N Saranya CIT TLC Faculty Coimbatore	Dr. Anindya Pain Senior Scientist CBRI Roorkee	

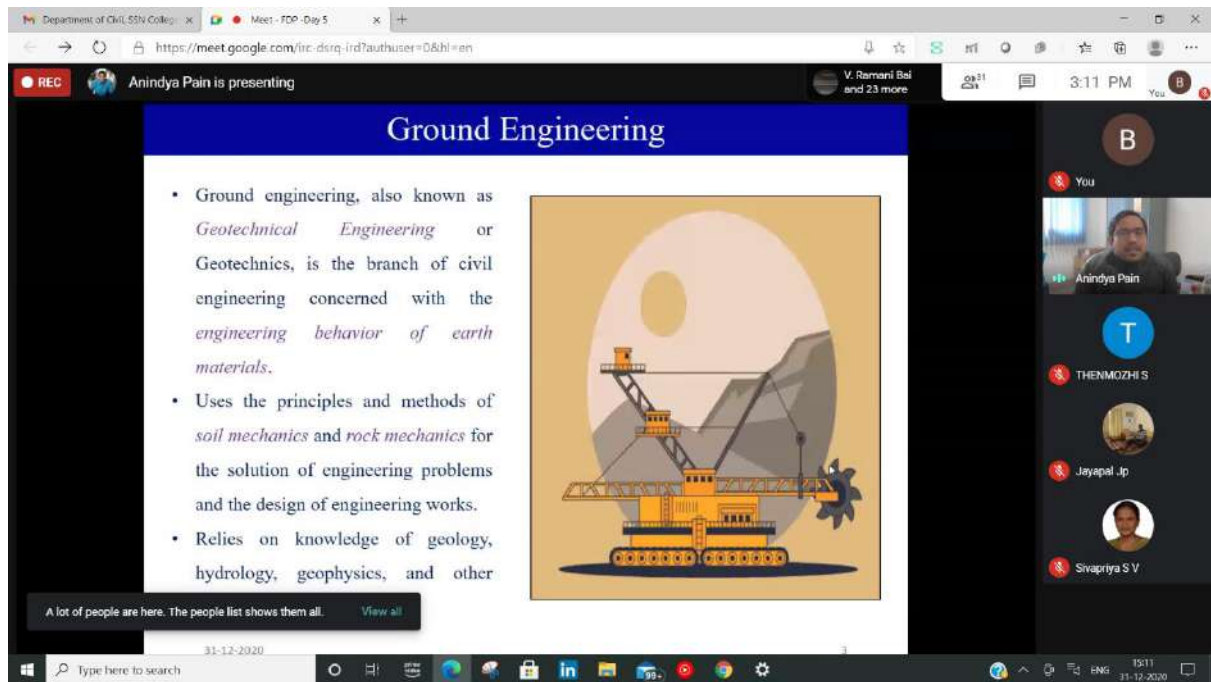
26TH TO 31ST DECEMBER, 2020 **TIME : 10 AM TO 12 PM**

E-certificate will be provided

FOR REGISTRATION : [Click here](#)

Dr. S.V. Sivapriya & Dr. Jijo James
Faculty Co-ordinators

Dr. N. Sivapriya
Coordinator



Dr. Rakesh J Pillai, Associate Professor, IIT Palakkad, Kerala delivered a session on 'Introduction to Ground Modification and Ground Water Control'. He provided a short note on problematic soil, and detailed the dewatering techniques. He also described the seepage analysis and demonstrated simple designs.

Dr. S Bhuvaneshwari, Associate Professor, SRM Institute of Science & Technology, delivered a lecture on 'Grouting Techniques and Soil Stabilization'. She covered everything about grouting and explained the process of stabilization with cement, lime, chemicals and solid wastes and stabilization of expansive soil.

Dr. B Soundara, Professor and Head of Department, BIT Erode delivered a session about 'Sustainability in Ground Improvement Techniques'.

Dr. N Saranya, CIT TLC Faculty, Coimbatore, delivered a session on 'Insitu Treatment of Cohesionless and Cohesive Soils'.

Dr. Anindya Pain, Senior Scientist, CBRI Roorkee, delivered an enlightening lecture about 'Ground Engineering Using Geosynthetics'. He covered the concept of reinforcement using Geosynthetics and soil nailing process.

JOURNAL PUBLICATIONS



Sivakumar, N., Salmia Beddu, Muhammad Zulfiqar Ajmulkhan, Jegatheish Kanadasan, Zakaria Che Muda, Siti Nabihah Sa'don, and **B. Mahalingam.** "Composite Leaching of Thermal Power Plant Bottom Ash to Ensure Its Performance on Cement Mortar." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 75-79. Springer, Singapore, 2021.

Sivakumar, N., Salmia Beddu, Muhammad Zulfiqar Ajmulkhan, Jegatheish Kanadasan, Zakaria Che Muda, Siti Nabihah Sa'don, and **B. Mahalingam.** "Enhancing the Performance of Bottom Ash Using Acid Leaching Method." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 81-86. Springer, Singapore, 2021.

Sivakumar, N., B. Mahalingam., P. Sreehari, R. Srinath, Priyadharshni Varma U.M.*, Niranjan Logeswaran*. "A Note on Climate Change and Extreme Water Event." *Solid State Technology* 63, no. 4 (2020): 2657-2664.

Sabapathy, Y. K., V. Nithish*, S. Vishnu Varadan*, and K. Udhaya Prabhu*. "Shear Behaviour of Concrete Wall Panels Reinforced with FRP Bars." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 257-273. Springer, Singapore, 2021.

Sabapathy, Y. K., C. N. A. Nithish*, Sajid Ali*, and K. P. Priyadarshini*. "A Study on Flexural Strength of Concrete Beams Reinforced with Manually Pultruded GFRP Bars." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 283-294. Springer, Singapore, 2021.

Ramanagopal, S. "Behaviour of Concrete Filled FRP Tubular Columns Under Axial Compression." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 275-282. Springer, Singapore, 2021.

Venkatesh, M. P., P. S. Saravananatarajan, **B. Mahalingam,** and C. Makendran. "Assessment of Productivity in Ready Mixed Concrete Batching Plant." *Solid State Technology* (2020): 621-631.

Prasanna, K., **B. Mahalingam**, M. Kaarthik, Nasim Hasan, and Gourav Kalra. "Investigation on hydrogen production from liquefied paper industry biomass using sonication homogenizer." *European Journal of Molecular & Clinical Medicine* 7, no. 02: 2020.

Sathia, R., **R. Vijayalakshmi**, **S. Ramanagopal**, V. Gopinath*, Yuvarani Ramanareddy*, and Yuvalatha Ramanareddy*. "Uni axial compression behaviour of lightweight expanded clay aggregate concrete cylinders confined by perforated steel tube and GFRP wrapping." *Revista de la Construcción. Journal of Construction* 19, no. 3 (2020): 200-212.

Sivapriya, S. V. "Compaction Characteristics of Modified Clay Soils with Various Proportions of Crumb Rubber." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 183-190. Springer, Singapore, 2021.

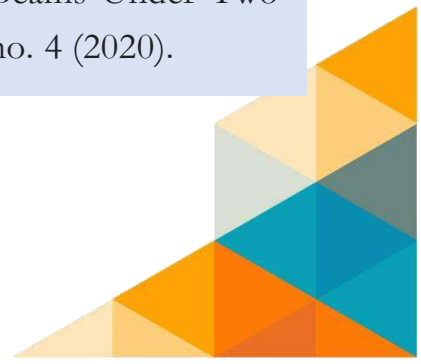
Krishna, J. Gokul*, R. Roshan*, S. N. Vinothni*, and **S. V. Sivapriya**. "Glass Fibre Reinforced Gypsum (GFRG) as an Emerging Technology." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 309-324. Springer, Singapore, 2021.

Mugesh, A.*, J. Niranjan*, S. Gunalan*, and **S. V. Sivapriya**. "Immediate Load-Penetration Behaviour of Sand Piles with Sustainable Material." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 325-331. Springer, Singapore, 2021.

Manjula, R.*, and **S. V. Sivapriya**. "Expediency of Sand Compaction Piles and It's Earlier Studies." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 333-348. Springer, Singapore, 2021.

Sangeetha, P., S. Ramana Gopal, U. Amrutha*, A. Balasubramaniam*, V. Madhumitha*, and G. Arun*. "Experimental Study of the Headed Stud Connectors in Composite Structure." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 173-181. Springer, Singapore, 2021.

Sangeetha, P, S. Ramana Gopal, A. Jai Vigneshwar*, K. Vaishnavi*, and A. Srinidhi*. "Flexural Strength of Steel-Concrete Composite Beams Under Two-Point Loading." *Civil and Environmental Engineering Reports* 30, no. 4 (2020).



Sangeetha, P., R. Vijayalakshmi, Aaditya Jagadeesh*, S. Ahalya*, K. Deveshwar*, and D. Swarna Varshini*. "Push-Out Tests for Determining the Strength and Stiffness of the Channel Connectors—Experimental Study." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 163-171. Springer, Singapore, 2021.

Sangeetha, P., M. Shanmugapriya, Aaditya Jagadeesh*, and K. Deveshwar*. "Numerical and Experimental Evaluation on the Behaviour of Cold-Formed Steel Box Struts and Prediction of Experimental Results Using Artificial Neural Networks." In *Sustainable Practices and Innovations in Civil Engineering*, pp. 349-357. Springer, Singapore, 2021.

Sangeetha, P. "Analytical study on the behaviour of composite space truss structures with openings in a concrete slab." *Civil and Environmental Engineering Reports* 30, no. 3 (2020): 265-280.

Sangeetha, P., and M. Shanmugapriya. "GFRP wrapped concrete column compressive strength prediction through neural network." *SN Applied Sciences* 2, no. 12 (2020): 1-11.

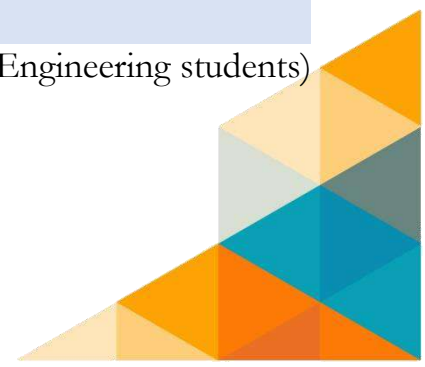
Sangeetha, P., and M. Shanmugapriya. "Prediction of mechanical strength of polypropylene fibre reinforced concrete using artificial neural network." *Gradevinski materijali i konstrukcije* 63, no. 4 (2020): 79-86.

Sangeetha, P., and M. Shanmugapriya. "Artificial neural network applications in fiber reinforced concrete." In *Journal of Physics: Conference Series*, vol. 1706, no. 1, p. 012113. IOP Publishing, 2020.

Sangeetha, P., M. Shanmugapriya, R. Sundareswaran, K. Sowmya, and S. Srinidhi. "Study of the Concrete Production Process-A graph theoretic approach." In *Journal of Physics: Conference Series*, vol. 1706, no. 1, p. 012115. IOP Publishing, 2020.

James, Jijo, Priya K. Jothi, P. Karthika, S. Kokila, and V. Vidyasagar. "Valorisation of egg shell ash as a potential replacement for lime in stabilization of expansive soils." *Gradevinski materijali i konstrukcije* 63, no. 3 (2020): 13-20.

(*B.E. Civil Engineering students)



CONFERENCE PRESENTATIONS



David Arunraj B*, Sathish Kumar P*, and **B. Mahalingam**, “A study on grout in precast construction”, in Proceedings of the International Conference on Recent Development in Sustainable Infrastructure (ICRDSI 2020) Research and Practices, 19th - 21st Dec 2020, organized by the School of Civil Engineering, Kalinga Institute of Technology Deemed to be University, Bhubaneswar, Odisha.

Sivapriya S V and S R Gandhi, “A numerical study about the development of stressed zone around single pile when moved away from the crest of the slope under static lateral load”, in Indian Geotechnical Conference 2020, 17th – 19th Dec 2020, at Andhra University College of Engineering, Vishakapatnam.

Sivapriya S V, Madhu T R*, and Sajid Ali*, “Load penetration behaviour of composite soil with nano-alumina material under soaked and unsoaked condition”, in Indian Geotechnical Conference 2020, 17th – 19th Dec 2020, at Andhra University College of Engineering, Vishakapatnam.

P Sangeetha, M Shanmugapriya, R Sundareswaran, K Sowmya & S Srinidhi, “Identifying influential nodes in planar trusses and meshes using centrality measures”, in Second International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2020), 20th & 21st Nov 2020, at Erode, Tamil Nadu.

P Sangeetha, “Behaviour of cold-formed steel hollow beam with perforation under flexural loading”, at the International Conference & Exposition on Mechanical, Material and Manufacturing Technology, 9th & 10th Oct 2020, organized by CVR College of Engineering, Hyderabad.

P Sangeetha and M Shanmugapriya, “Modeling and prediction of fatigue life of brass and EN24 using soft computing tool”, at the International Conference & Exposition on Mechanical, Material and Manufacturing Technology, 9th & 10th Oct 2020, organized by CVR College of Engineering, Hyderabad.

Jijo James and Sivapriya S V, “Load settlement behaviour of stone column with varied spacing”, in Proceedings of the International Conference on Recent Development in Sustainable Infrastructure (ICRDSI 2020) Research and Practices, 19th - 21st Dec 2020, organized by the School of Civil Engineering, Kalinga Institute of Technology Deemed to be University, Bhubaneswar, Odisha.

The Brihadeeswara Temple in Tanjore is a structure of architectural excellence and mysteries.

Did you know that the entire structure is built from granite, when there are no known sources of quarrying granite in a 50 km radius around the temple site?

The Vimana tower is hollow and built interestingly by interlocking granite blocks with no binder like cement, etc.

The stability of the tower has been ensured by having a wide base, by virtue of which the shadow of the Vimana tower at noon never touches the ground.



CIVIL
ENGINEERING

TRIVIA

Research Papers Reviewed



Dr. N. Sivakumar, Professor & HoD

- reviewed nine manuscripts for the 'Journal of Environmental Management', published by Elsevier
- reviewed nine manuscripts for the journal 'Construction and Building Materials', published by Elsevier
- reviewed two manuscripts for the journal 'Ain Shams Engineering Journal', published by Elsevier
- reviewed one manuscript for the 'Journal of Institution of Engineers India: Series A', published by Springer
- reviewed one manuscript for the journal 'Current Chinese Science', Bentham publishers
- reviewed one manuscript for the journal 'Advances in Computational Design', published by Techno Press
- reviewed one manuscript for 'ACI Materials Journal' published by American Concrete Institute

Dr. B. Mahalingam, Associate Professor

- reviewed one manuscript for the journal 'Rilem Technical Letters', published by Springer

Dr. S. V. Sivapriya, Associate Professor

- reviewed one manuscript for the journal 'Acta Geotechnica Slovenica', published by Springer
- reviewed two submissions for the 'First International Conference on Sustainable Infrastructure with Smart Technology for Energy and Environmental Management', organized by Bannari Amman Institute of Technology, India

Dr. P. Sangeetha, Associate Professor

- reviewed one manuscript for the 'International Journal of Steel Structures', published by Springer
- reviewed one manuscript for the 'Journal of Materials and Engineering Structures', published by Mouloud Mammeri University of Tizi-Ouzou
- reviewed one manuscript for the journal 'Materials Today: Proceedings', published by Elsevier

Dr. Jijo James, Associate Professor

- reviewed two manuscripts for the 'Journal of Engineering and Technological Sciences', published by Institut Teknologi Bandung, Indonesia
- reviewed two manuscripts for the journal 'Construction and Building Materials', published by Elsevier
- reviewed one manuscript for the journal 'Environmental Chemistry Letters', published by Springer Nature
- reviewed one manuscript for the journal 'Advances in Civil Engineering', published by Hindawi Publishing Corporation, USA

FACULTY – EXTERNAL RECOGNITION

AWARDS



Dr. S. V. Sivapriya was adjudged as the best in Paper presentation in an international conference organised by the Indian Geotechnical Society, Dec 2020 and received a prize money of Euro. 120, sponsored by Springer.

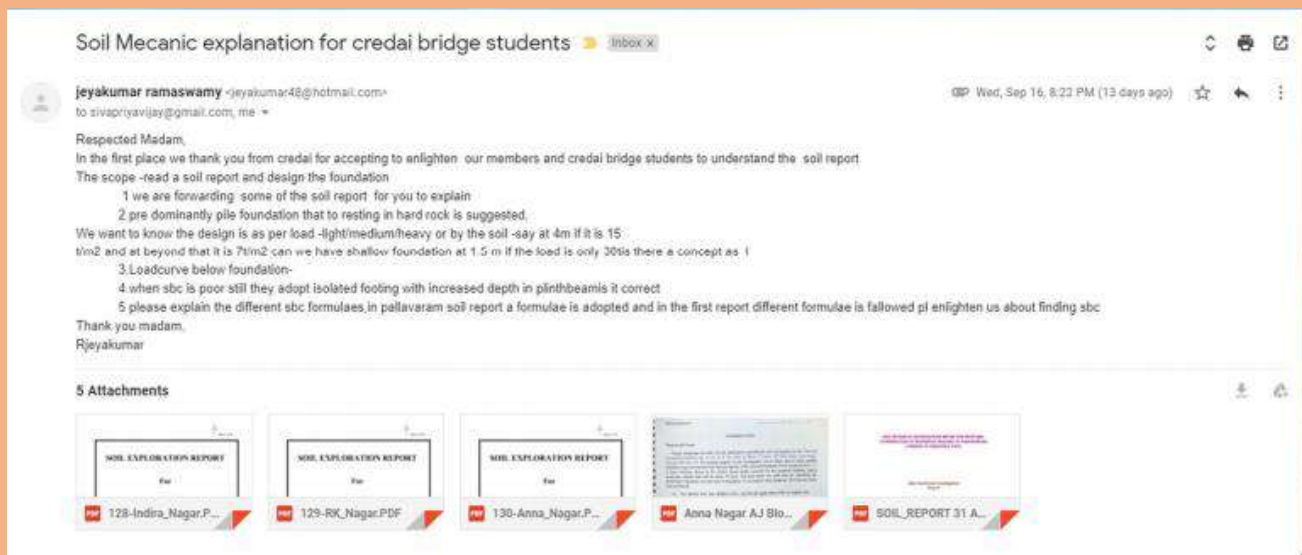


Interactions



Invited Talks

- **Dr. B. Mahalingam**, Associate Professor, delivered an online guest lecture titled, 'Deflection of Beams', at KCG College of Technology, Chennai on 16th Sep 2020.
- **Dr. S.V. Sivapriya**, Associate Professor, had an interaction with members of CREDAI on 19th Sep 2020. Mr. Jeyakumar Ramasamy and his team from CREDAI attended the meeting along with CREDAI bridge students. Dr. S.V. Sivapriya enlightened the members on reading of a soil report and its interpretation. She also explained the nuances of bearing capacity formulae adopted for design of shallow foundations for various soil conditions. She also talked about the selection of foundation for various sub-soil conditions.



- **Dr. Jijo James**, Associate Professor, delivered an online guest lecture titled, 'Shallow Foundations', at KCG College of Technology, Chennai on 24th Sep 2020.

Examiners & DC Meetings

- **Dr. N. Sivakumar**, Professor & HoD, acted as an external examiner for M.Sc. Civil Engineering thesis titled 'Bond Relationship of CFRP Strengthened Steel Plates Exposed to Elevated Temperature using Response Surface Methodology (RSM)', in the Universiti Teknologi Petronas, Malaysia.
- **Dr. B. Mahalingam**, Associate Professor, has been nominated as a member of the DC panel of the scholar, Ms. Kalpana Priya V, pursuing her Ph.D. programme at SRM Institute of Science and Technology and attended the DC Meeting on 14th Oct 2020.
- **Dr. R. Rajkumar**, Associate Professor, attended the DC Meeting of Gaddam Ravi Teja pursuing Ph.D. at Sathyabama University, on 4th Aug 2020.
- **Dr. S. V. Sivapriya**, Associate Professor, has been nominated as a member of the DC Panel of the scholar, Ms. Preethi S, pursuing her Ph.D. programme at SRM Institute of Science and Technology and attended the DC Meeting in Oct 2020.
- **Dr. S. V. Sivapriya**, Associate Professor, attended the DC Meeting of Ms. Janani V pursuing Ph.D. at SRM Institute of Science and Technology on 12th Dec 2020.

MoU

- An MoU was signed between the Department of Civil Engineering, SSN College of Engineering and Prayojana Construction Management Training Institute (CMTI), Bengaluru, for facilitating student projects, internships and placement training, etc. This interaction was abetted by Dr. Srinath, Associate Professor.



Dr. S. V. Sivapriya, Associate Professor, completed the first module of the consultancy work titled, 'Optimized Surface Preparation for Building Construction', for **M/s. Caterpillar India**, Kandanchavady, Chennai.

The project involved suggestion of suitable methods of excavation for various types of soils using Caterpillar's excavator and earth mover products and monitoring the same using drones. Her inputs will also go into preparing a software for optimization of the excavation works which will be handled by the computer science department.

Atal highway tunnel opens new strategic route

The Atal Tunnel, 9.02 km in length, is the longest highway tunnel in the world above 10,000 feet.

It is a perennial, all-weather tunnel, meant to tackle the issue of the Lahaul-Spiti Valley being cut off for 6 months every year due to snowfall.

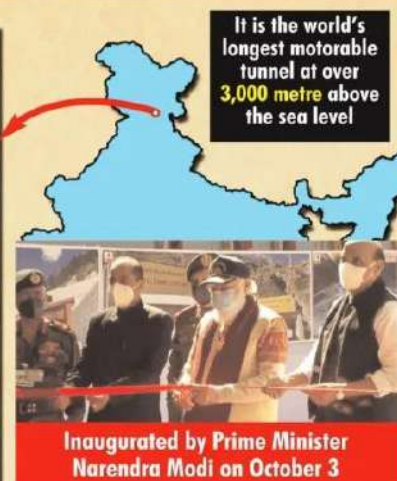
It has been built under the 3,978 metre Rohtang Pass in the Pir Panjal range. Built by the Border Roads Organisation over a decade with an outlay of over **₹3,200 crore**.

It reduces the road distance between Leh and Manali by 46 kilometres, reducing the travel time by four to five hours.



Shaped like a horse-shoe, the tunnel is double-laned and in a single tube. It has a roadway of 8 metres. Speed inside the tunnel to be 80 kmph

A fire-proof emergency exit tunnel has also been built within the main tunnel itself. This emergency tunnel is 3.6 metres by 2.25 metres.



The tunnel has two portals – South Portal and North Portal. The former is 25 km from Manali, standing at an altitude of 3,060 metres. The North Portal, on the other hand, is near Teling village in Lahaul Valley, at 3,071 metres above sea level.

It is the world's longest motorable tunnel at over 3,000 metre above the sea level

CIVIL
ENGINEERING

TRIVIA

Continuous Learning



Dr. N. Sivakumar, Professor & HoD



- FDP on 'Recent Trends in Concrete Technology and Environmental Engineering', organized by Hindustan College of Engineering and Technology, from 2nd to 4th Jul 2020.
- FDP on 'Innovation in Civil Engineering and Concrete Technology', organized by SRM Institute of Science & Technology with ICE (UK) and Ultra Tech Cement Ltd., from 13th to 17th Jul 2020.
- Workshop on 'Basics of Vastu Shastra', organized by SIRTE, Bhopal, from 29th Jun to 1st Jul 2020.
- Workshop on 'STAAD.Pro', organized by Nalla Malla Reddy Engineering College, from 13th to 18th Jul 2020.
- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Webinar series on 'Sustainable Materials and Construction Technologies', organized by Ramco Cements Ltd. and IGBC Student Chapter, from 6th to 10th Jul 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.
- Webinar on 'Foundation Engineering', organized by SSNCE IEI Student Chapter, on 21st Aug 2020.
- Webinar on 'Sustainability - Concepts and Practices', organized by SSNCE IGBC Student Chapter, on 8th Sep 2020.
- Webinar on 'Good Construction Practices of Concrete Structures', organized by SSNCE ICE (UK) Student Chapter, on 11th Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, on 15th Sep 2020.
- Webinar on 'Higher Studies after Civil Engineering', organized by ACE, Dept. of Civil Engineering, SSNCE, on 27th Sep 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, on 7th Oct 2020.



Dr. N. Sivakumar contd.

- Webinar on 'Compatibility Analysis and Touchdown at NUS: Things to Know', organized by ACE, Dept. of Civil Engineering, SSNCE, on 24th Oct 2020.
- Webinar on 'Career Probes for Civil Engineers, organized by the Association of Civil Engineers, on 5th Nov 2020.
- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, on 9th Nov 2020.
- Webinar on 'IQAC - Roles and Responsibilities', organized by ISDE Academy India Pvt. Ltd., on 25th Nov 2020.
- International Level Social Awareness Programme on 'Yoga Practices as Exercise Medicine - An Antidote for Physical and Mental Health Management during Pandemic Times', Anna University College of Engineering, Thirukuvalai campus, on 30th Sep 2020.

Dr. Y.K. Sabapathy, Professor

- FDP on 'Bridge Structures', organized by SRM Institute of Science & Technology, from 3rd to 5th Aug 2020.
- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Webinar on 'Procurement Management', organized by SSNCE IGBC Student Chapter, on 5th Jul 2020.
- Webinar Series on 'Structural Dynamics', from 14th to 18th Jul 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on 'Application of Drones in Civil Engineering' and 'Lessons from Tanjore Big Temple', on 26th Jul 2020.
- Webinar on 'Preparation of Bar Bending Schedules', organized by SSNCE IGBC Student Chapter, on 31st Jul 2020.
- Webinar on 'Modern Technologies in Civil Engineering', organized by SSNCE IEI Student Chapter, on 9th Aug 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.

Dr. Y.K. Sabapathy contd.

- Webinar on 'Evolving a Decentralized Picture of Sanitation for a Town: Insights from Wastewater Planning in Alappuzha', organized by SSNCE ICE (UK) Student Chapter, on 15th Aug 2020.
- Webinar on 'Foundation Engineering', organized by SSNCE IEI Student Chapter, on 21st Aug 2020.
- Webinar on 'Sustainability - Concepts and Practices', organized by SSNCE IGBC Student Chapter, on 8th Sep 2020.
- Webinar on 'Good Construction Practices of Concrete Structures', organized by SSNCE ICE (UK) Student Chapter, on 11th Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, on 15th Sep 2020.
- Webinar on 'An Introduction to Design and Construction of Timber Structures', organized by SSNCE ICE (UK) Student Chapter, on 19th Sep 2020.
- Webinar on 'Compatibility Analysis and Touchdown at NUS: Things to Know', organized by ACE, Dept. of Civil Engineering, SSNCE, on 24th Oct 2020.
- Webinar on 'Career Probes for Civil Engineers', organized by the Association of Civil Engineers, on 5th Nov 2020.
- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, on 9th Nov 2020.



Dr. S. Ramanagopal, Professor

- Online course – 'Mechanics of Materials III: Beam Bending' – offered by Georgia Tech University – five weeks – Coursera – completed in Jul 2020.
- Online course – 'Renewable Energy and Green Building Entrepreneurship' – offered by Duke University – three weeks – Coursera – completed in Jul 2020.
- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on 'Biomimicry in Civil Engineering', organized by ICI in association with Ultratech Cement Ltd., on 28th Jul 2020.

Dr. S. Ramanagopal contd.

- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.

Dr. P. Sreehari, Professor



- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on 'Evolving a Decentralized Picture of Sanitation for a Town: Insights from Wastewater Planning in Alappuzha', organized by SSNCE ICE (UK) Student Chapter, on 15th Aug 2020.
- Webinar on 'Engineers for a Self-Reliant India', organized by SSNCE IEI Student Chapter, on 26th Sep 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, on 7th Oct 2020.
- Webinar on 'Compatibility Analysis and Touchdown at NUS: Things to Know', organized by ACE, Dept. of Civil Engineering, SSNCE, on 24th Oct 2020.
- Webinar on 'Career Probes for Civil Engineers, organized by the Association of Civil Engineers, on 5th Nov 2020.
- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, on 9th Nov 2020.



Dr. B. Mahalingam, Associate Professor

- Online course – 'Industrial Training on Structural Analysis and Design using ETABS', from 23rd Nov to 7th Dec 2020, organized by NSIC, Technical Services Centre, Hyderabad.
- FDP on 'Recent Trends in Civil Engineering', organized by Balaji Institute of Technology and Science, Warangal, from 1st to 6th July 2020.

Dr. B. Mahalingam contd.

- FDP on 'Recent Advances in Pavement Material Testing and Design', organized by Misramal Navajee Munoth Jain Engineering College, Chennai, in Aug-Dec 2020.
- FDP on 'Structural Life Assessment and Failure Diagnosis', organized by Mepco Schlenk Engineering College, Sivakasi, in Sep-Oct 2020.
- FDP on 'Advanced Concepts in Materials and Structural Health Monitoring', organized by SRM University, in Nov-Dec 2020.
- Workshop on 'Perspectives and Challenges in Outcome-Based Research', organized by NIT Tiruchirappalli, from 13th to 17th Jul, 2020.
- 'Hands on Training to Write a Quality Research Article using LaTeX', organized by Majestic Technology solutions Pvt. Ltd., on 20th & 21st Jul 2020.
- 'Hands on Training: Virtual Laboratory', organized by Ramco Institute of Technology, Rajapalayam, on 3rd Aug 2020.
- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Workshop on 'Research Tools and Technologies', organized by National Institute of Technology, Puducherry, from 23rd to 27th Nov 2020.
- Webinar on 'Effective Use of Lockdown to Enhance your Scientific Writing and Networking Skills', organized by Dept. of Chemistry, SSNCE, on 2nd Jul 2020.
- Webinar on 'A Preview on Smart Bridge Designs', organized by SRM Easwari Engineering College, on 4th July 2020.
- Webinar on 'Latest Technology in Bridge Deck Waterproofing – Global practices and Experience', organized by KHRI, Kerala, on 4th Jul 2020.
- Webinar on 'Procurement Management', organized by SSNCE IGBC Student Chapter, on 5th Jul 2020.
- Webinar on 'Sustainable Materials and Construction Technologies', organized by B.V.Raju Institute of Technology and The Ramco Cements Limited, on 8th Jul 2020.
- Webinar on 'Galvanized Steel Rebars for Enhanced Corrosion Resistance in RC Structures', organized by KHRI, Kerala and IIT Madras, on 11th Jul 2020.
- Webinar on 'Application of NDT Test, Repair & Rehabilitation of Bridges', organized by E.G.S. Pillay Engineering College, Nagapattinam, on 11th Jul 2020.
- Webinar on 'Nuances of Scientific Publishing', organized by Galgotia University, on 18th Jul 2020.

Dr. B. Mahalingam contd.

- Webinar on 'Advanced Soil Stabilization with NPA Geocells', organized by Construction Management Training Institute, Bangalore, on 27th Jul 2020.
- Webinar on 'Barbending Schedules', organized by Construction Management Training Institute, Bangalore, on 29th Jul 2020.
- Webinar on 'Project Management in Construction industry using Primavera', organized by Ramco Institute of Technology, Rajapalayam, on 29th Jul 2020.
- Webinar on 'Digital Estimation and Latest Techniques in Construction Project using 5D BIM & Cost X', organized by Ramco Institute of Technology, Rajapalayam, on 30th Jul 2020.
- Webinar on 'Benefit of 4D Planning and Project Monitoring using Asta Power Project', organized by Ramco Institute of Technology, Rajapalayam, on 31st Jul 2020.
- Webinar on 'Introduction to Industry 4.0', organized by Anand International College of Engineering, Jaipur, on 31st Jul 2020.
- Webinar on 'Material Choices for Future Sustainable Structures', organized by Jaipur Engineering College and Research Centre, in Aug 2020.
- Webinar on 'Protective Coatings for Concrete Structures', organized by KHRI, Kerala, on 1st Aug 2020.
- Webinar on 'Phase Change Materials and their Applications', organized by SNS College of Engineering, Coimbatore, on 1st Aug 2020.
- Webinar on 'Research Meet on Effective Article Writing', organized by Research Brains Academic Research Lab, Erode, on 2nd Aug 2020.
- Webinar on 'Quality is not an act, it's a Habit', organized by ICI Bangalore, on 2nd Aug 2020.
- Webinar on 'Enhancement of Strength, Workability & Slump Retention in Concrete through Optimization of Cement Characteristics', organized by ICI Bangalore, on 3rd Aug 2020.
- Webinar on 'Rehabilitation and Retrofitting of Transportation Structures', organized by Bangalore Institute of Technology and ICI Bangalore, on 3rd Aug 2020.
- Webinar on 'Repair or Waterproofing Materials to Counteract Corrosion', organized by KHRI, Kerala, on 8th Aug 2020.
- Webinar on 'Construction Planning and Methods for High Rise Buildings', organized by ICI Bangalore, on 8th Aug 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.

Dr. B. Mahalingam contd.

- Webinar on 'Evolving a Decentralized Picture of Sanitation for a Town: Insights from Wastewater Planning in Alappuzha', organized by SSNCE ICE (UK) Student Chapter, on 15th Aug 2020.
- Webinar on 'Role of Ethics in Civil Engineering Profession', organized by KHRI, Kerala, on 15th Aug 2020.
- Webinar on 'Latest Developments in the Indian Standards in Civil Engineering and NBC 2016', organized by Indian Concrete Institute and JSW Cements, on 21st Aug 2020.
- Webinar on 'Recent Advances in Repair & Rehabilitation Technology for Bridges', organized by KHRI, Kerala, on 22nd Aug 2020.
- Webinar on 'Modern Remedial Water Proofing', organized by Extreme Engineering in Association with ICI Mumbai, on 31st Aug 2020.
- Webinar on 'My Tryst - Romance with Concrete', organized by ICI Pune, in Sep 2020.
- Webinar on 'Scope of Civil Engineering Abroad and Women in Construction', organized by Jaypee University of Engineering and Technology, on 4th Sep 2020.
- Webinar on 'Air Pollution due to Road Traffic and its Health Impacts', organized by KHRI, Kerala, on 5th Sep 2020.
- Webinar on 'Observation of Royal Charter Day - Block Chain and its Impact on Current Business', organized by IEI, Calcutta, on 9th Sep 2020.
- Webinar on 'Good Construction Practices of Concrete Structures', organized by SSNCE ICE (UK) Student Chapter, on 11th Sep 2020.
- Webinar on 'Cold Formed Steel for Housing', organized by KHRI, Kerala, on 12th Sep 2020.
- Webinar on 'Microsoft Teams', organized by Vellore Institute of Technology, Chennai., on 12th Sep 2020.
- Webinar on 'Opportunities for Civil Engineers', organized by Department of Civil Engineering, SSNCE, on 16th Sep 2020.
- Webinar on 'Construction and Demolition Waste Utilization for Sustainability', organized by KHRI, Kerala, on 26th Sep 2020.
- Webinar on 'Mass Concrete - How big is big?', organized by ACI India Chapter, on 16th Oct 2020.
- Webinar on 'Building with Arches, Vaults and Domes for a Sustainable Future', organized by IEI, on 20th Oct 2020.

Dr. B. Mahalingam contd.

- Webinar on ‘The Architectural, Engineering, and Construction Industry and the Fourth Industrial Revolution’, organized by Jaipur Engineering College and Research Centre, on 22nd Oct 2020.
- Webinar on ‘Emerging Construction System for Mass Housing’, organized by Ultra Tech Cement Limited, on 23rd Oct 2020.
- Webinar on ‘Compatibility Analysis and Touchdown at NUS: Things to Know’, organized by ACE, Dept. of Civil Engineering, SSNCE, on 24th Oct 2020.
- Webinar on ‘Fibre Reinforced Polymers for Retrofitting of Structures’, organized by Ultratech Cement Ltd., on 31st Oct 2020.
- Webinar on ‘Earthquake Safety and Protection’, organized by IEI Uttarakhand, on 2nd Nov 2020.
- Webinar on ‘Career Probes for Civil Engineers, organized by the Association of Civil Engineers, on 5th Nov 2020.
- Webinar on ‘Strategies for Meeting the Steel Demand under Atmanirbhar Bharat Vision’, organized by IEI Kolkata, on 6th Nov 2020.
- Webinar on ‘Application of Constructed Wetlands in Phytoremediation of Wastewater’, organized by SSNCE ICE (UK) Student Chapter, on 9th Nov 2020.
- Webinar on ‘Structural Retrofitting, Refurbishment and Rehabilitation’, organized by Jaypee University, on 27th Nov 2020.
- Webinar on ‘Application of Artificial Intelligence to Prediction of Properties of Concrete’, organized by Ultra Tech Cement Ltd. and ICI Chennai, on 27th Nov 2020.
- Webinar on ‘Application of NDT in Structure Evaluation’, organized by Ultra Tech Cement Limited, on 4th Dec 2020.
- Webinar on ‘Green & Sustainable Building Materials and Utilization of C&D Waste’, organized by JUET, on 5th Dec 2020.
- Webinar on ‘Pursuit of Excellence: Institution Building’, organized by SRM University, on 12th Dec 2020.
- Webinar on ‘Fundamentals of Concrete Roads for Sustainable Development’, organized by Ultra Tech Cement Limited, on 12th Dec 2020.
- Webinar on ‘Durability of Structural Concrete’, organized by Ultra Tech Cement Limited, on 25th Dec 2020.
- Virtual Roundtable discussion on ‘Quality Assessment in Higher Education - The Need of the Hour’, held on 14th December 2020, organized by QS I GAUGE.

Dr. B. Mahalingam contd.

- '35th Indian Engineering Congress', organized by IEI Calcutta, from 18th to 20th Dec 2020.
- International Level Social Awareness Programme on 'Yoga Practices as Exercise Medicine - An Antidote for Physical and Mental Health Management during Pandemic Times', Anna University College of Engineering, Thirukuvalai campus, on 30th Sep 2020.

Dr. R. Rajkumar, Associate Professor



- Online course – 'Positive Psychology' – offered by the University of North Carolina – six weeks – Coursera – completed in Jul 2020.
- Online course – 'Science of Exercise' – offered by University of Colorado, Boulder – four weeks – Coursera – completed in Jul 2020.
- Online course – 'Fundamentals of Project Planning and Management' – offered by University of Virginia – four weeks – Coursera – completed in Jul 2020.
- Online training program on 'Construction Finishes', organized by CMTI Bangalore, from 20th to 24th Sep 2020.
- Online course – 'Industrial Training in Ansys', from 20th to 29th Oct 2020, organized by NSIC, Technical Services Centre, Hyderabad.
- Online course – 'Industrial Training on Structural Analysis and Design using ETABS', from 23rd Nov to 7th Dec 2020, organized by NSIC, Technical Services Centre, Hyderabad.
- FDP on 'Recent Trends in Construction Materials and Technology', organized by Government College of Technology, Coimbatore, from 20th to 24th Jul 2020.
- FDP on 'Challenges and Remedies in Various fields of Civil Engineering', organized by Vellore institute of Technology, Chennai Campus, from 21st to 26th Sep, 2020.
- STTP on 'Seismic Risk Mitigation and Vibration Control of Structures', organized by RK University, from 9th to 13th Nov 2020.
- SIG Workshop on 'Geotechnical Analysis - Optimizing Undrained Parameters for Undrained Soils', organized by Bentley Institute, on 14th Jul 2020.

Dr. R. Rajkumar contd.

- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Workshop on 'Geotechnical Analysis - 3D Large Strain Consolidation Analysis', organized by Bentley Institute, on 13th Oct 2020.
- Webinar on 'Current Approaches in Siddha System of Medicine to Counteract COVID 19', organized by IT Dept, SSNCE, on 7th Jul 2020.
- Webinar on 'Role of Structural Engineers in the Society', organized by IA Struct E Gujarat, on 19th Jul 2020.
- Webinar on 'Robotics - Connecting Engineering Minds', organized by IIT Delhi, on 22nd Jul 2020.
- Webinar on 'Metro Construction & Highway Construction Machinery', organized by CMTI, Bangalore, on 24th Jul 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on 'Advanced Soil Stabilization', organized by CMTI Bangalore, on 27th Jul 2020.
- Webinar on 'Biomimicry in Civil Engineering', organized by ICI in association with Ultratech Cement Ltd., on 28th Jul 2020.
- Webinar on 'Modern Technologies in Civil Engineering', organized by SSNCE IEI Student Chapter, on 9th Aug 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.
- Webinar on 'Evolving a Decentralized Picture of Sanitation for a Town: Insights from Wastewater Planning in Alappuzha', organized by SSNCE ICE (UK) Student Chapter, on 15th Aug 2020.
- Webinar on 'Accelerate your Digital Geotechnical Journey', organized by Bentley Institute, on 20th Aug 2020.
- Webinar on 'Shaft, Excavation and Dewatering - Learn and Evaluate Most Common Convergence Issues Using Plaxis', organized by Bentley Institute, on 27th Aug 2020.
- Webinar on 'Good Construction Practices of Concrete Structures', organized by SSNCE ICE (UK) Student Chapter, on 11th Sep 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, on 7th Oct 2020.
- Webinar on 'Design Trends - Office and Residential Space', organized by CMTI Bangalore, on 12th Oct 2020.

Dr. R. Rajkumar contd.

- Webinar on ‘Application of Constructed Wetlands in Phytoremediation of Wastewater’, organized by SSNCE ICE (UK) Student Chapter, on 9th Nov 2020.
- Webinar on ‘Application of Artificial Intelligence to Prediction of Properties of Concrete’, organized by Ultra Tech Cement Ltd. and ICI Chennai, on 27th Nov 2020.
- Webinar on ‘Horse Power to Horse Power’, organized by IIT Madras, on 28th Dec 2020.

**Dr. R. Srinath, Associate Professor**

- FDP on ‘Future of Construction Technology and Green Buildings’, organized by CMR Institute of Technology, Bengaluru, from 2nd to 4th Jul 2020.
- FDP on ‘Climate Change and Carbon Issues’, organized by BMS College of Engineering, Bengaluru, from 6th to 10th Jul 2020.
- FDP on ‘Sustainable Developments in Civil Engineering’, organized by Vidyavardhaka College of Engineering, Mysuru, from 3rd to 8th Aug 2020.
- FDP on ‘Quantity Surveying & Contracts’, organized by Construction Management Training Institute, Bengaluru, from 14th to 30th Oct 2020.
- FDP on ‘Internet of Things (IoT) and its Applications’, organized by Annamalai University, from 16th to 22nd Nov 2020.
- Virtual Conference on "REMOTE: The Connected Faculty Summit", organized by Arizona State University, on 13th & 14th Jul 2020.
- Webinar on ‘Anaerobic Digestion: Green Solutions for Food & Beverage Industry’, organized by Fluence, Italy, on 7th Jul 2020.
- Webinar on ‘Online Open Book Exams - Dos and Don’ts’, organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on ‘Weather Monitoring Instrumentation’, organized by Global Waters, on 27th Jul 2020.
- Webinar on ‘Climate Resilience & Carbon Footprint Mitigation’, organized by Dr. Ambedkar Institute of Technology, Bengaluru, on 29th Jul 2020.
- Webinar on ‘Draft EIA Notification 2020: Highlights and Challenges’, organized by IEI, on 6th Aug 2020.

Dr. R. Srinath contd.

- Webinar on 'Modern Technologies in Civil Engineering', organized by SSNCE IEI Student Chapter, on 9th Aug 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.
- Webinar on 'Evolving a Decentralized Picture of Sanitation for a Town: Insights from Wastewater Planning in Alappuzha', organized by SSNCE ICE (UK) Student Chapter, on 15th Aug 2020.

Dr. R. Vijayalakshmi, Associate Professor

- Online course – 'Leadership and Emotional Intelligence' – offered by Indian School of Business – four weeks – Coursera – completed in Jul 2020.
- Online course – 'AI for Everyone' – offered by Deeplearning.ai – four weeks – Coursera – completed in Jul 2020.
- FDP on 'Sustainable Pavement – Materials, Design and Maintenance', organized by Bangalore Institute of Technology, from 14th to 18th Jul 2020.
- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Webinar series on 'Seismic Risk and Condition Assessment for Different types of Engineering Structures', organized by Rajeev Gandhi Memorial College of Engineering, Nandyal, from 14th to 18th Jul 2020.
- Webinar on 'Role of Structural Engineer in the Offshore Industry', organized by Rajeev Gandhi Memorial College of Engineering, Nandyal, on 18th Jul 2020.
- Webinar on 'Procurement Management', organized by SSNCE IGBC Student Chapter, on 5th Jul 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on 'Preparation of Bar Bending Schedules', organized by SSNCE IGBC Student Chapter, on 31st Jul 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, on 7th Oct 2020.
- Webinar on 'Compatibility Analysis and Touchdown at NUS: Things to Know', organized by ACE, Dept. of Civil Engineering, SSNCE, on 24th Oct 2020.

Dr. R. Vijayalakshmi contd.

- Webinar on 'Career Probes for Civil Engineers, organized by the Association of Civil Engineers, on 5th Nov 2020.



Dr. S.V. Sivapriya, Associate Professor

- Online course – 'Professional Development: Improve Yourself, Always' – offered by Macquarie University – six weeks – Coursera – completed in Jul 2020.
- Online course – 'Renewable Energy and Green Building Entrepreneurship' – offered by Duke University – three weeks – Coursera – completed in Jul 2020.
- Online course – 'Introduction to Psychology' – offered by Yale University – six weeks – Coursera – completed in Jul 2020.
- Online course – 'Spreadsheet for Beginners using Google Sheets' – one week – Coursera Project Network – completed in Jul 2020.
- Online course – 'Design Thinking for Innovation' – offered by University of Virginia – four weeks – Coursera – completed in Aug 2020.
- Online course – 'Learning How to Learn for Youth' – offered by Arizona State University – three weeks – Coursera – completed in Sep 2020.
- FDP on 'Slope and Dump Stability in Open Pit Mines', organized by Malla Reddy Engineering College, Secunderabad, from 3rd to 8th Aug 2020.
- Workshop on 'Geosynthetics in Pavements', organized by Maccaferri's Pvt. Ltd., on 11th & 12th Sep 2020.
- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Indo-Canadian Workshop on 'Interactive Design in Geotechnical Engineering: Theory to Practice', organized by Indian Geotechnical Society and NIT Surathkal, from 24th Sep to 2nd Oct 2020.
- Workshop on 'Scour and Erosion', organized by IGS, Vizag, on 16th Dec 2020.
- Webinar series on 'Recent Advances in Geotechnical Engineering Research & Practice (RAGeo-RP)', organized by IIT Patna, from 1st to 10th Jul 2020.
- Webinar on 'Applications of Coir Geotextiles in Subgrades', organized by IGS Student Chapter, M.P.E.S. Group of Institutions, Guntur, on 4th Jul 2020.

Dr. S.V. Sivapriya contd.

- Webinar on 'Procurement Management', organized by SSNCE IGBC Student Chapter, on 5th Jul 2020.
- Webinar on 'The Road Ahead for Jute Geotextiles and its Blends with Other Natural Fibres', organized by iGrip, IIT Gandhi Nagar, on 6th Jul 2020.
- Webinar on 'How to Build Good Quality Reinforced Soil Walls?', organized by Maccaferri's Pvt. Ltd., on 10th Jul 2020.
- Webinar on 'Indigenous Solutions & Opportunities for High-Speed Railway Applications', organized by iGrip, IIT Gandhi Nagar, on 20th Jul 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar series on 'Landslide Disasters - Investigation to Mitigation', organized by CSIR - Central Building Research Institute, Roorkee, from 4th to 8th Aug 2020.
- Webinar on 'Modern Technologies in Civil Engineering', organized by SSNCE IEI Student Chapter, on 9th Aug 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.
- Webinar on 'Evolving a Decentralized Picture of Sanitation for a Town: Insights from Wastewater Planning in Alappuzha', organized by SSNCE ICE (UK) Student Chapter, on 15th Aug 2020.
- Webinar on 'Foundation Engineering', organized by SSNCE IEI Student Chapter, on 21st Aug 2020.
- Webinar on 'Sustainability - Concepts and Practices', organized by SSNCE IGBC Student Chapter, on 8th Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, on 15th Sep 2020.
- Webinar on 'Engineers for a Self-Reliant India', organized by SSNCE IEI Student Chapter, on 26th Sep 2020.
- Webinar on 'Earthquake - Is it a Man-Made Calamity?', organized by Qcrete Ready Mix (India) Pvt. Ltd., on 3rd Oct 2020.
- Webinar on 'Global Market Conditions of Real Estate', organized by SSNCE ICE (UK) Student Chapter, on 5th Oct 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, on 7th Oct 2020.
- Webinar on 'Ocean Energy: Application and Way Forward', organized by IEI, on 16th Oct 2020.

Dr. S.V. Sivapriya contd.

- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, on 9th Nov 2020.
- Webinar on 'Design and Construction of Eco-Friendly Solutions for Railways', organized by Maccaferri's Pvt. Ltd., on 11th Nov 2020.
- Webinar on 'Cost Effective Solutions to Shallow Embankments over Soft-Soils', organized by Tensar International, UK, on 12th Nov 2020.
- Webinar on 'Application of Artificial Intelligence to Prediction of Properties of Concrete', organized by Ultra Tech Cement Ltd. and ICI Chennai, on 27th Nov 2020.
- Webinar on 'Tensar Spectra Pavement Optimization', organized by Tensar International, UK, on 10th Dec 2020.
- Webinar on 'Application of Value Engineering in Foundation Design', organized by Qcrete Redimix India Pvt. Ltd., on 12th Dec 2020.

Dr. P. Sangeetha, Associate Professor



- Online course – 'Differential Equations for Engineers' – offered by Hong Kong University of Science and Technology – six weeks – Coursera – completed in Jul 2020.
- Online course – 'Machine Learning for All' – offered by University of London – four weeks – Coursera – completed in Aug 2020.
- FDP on 'Sustainable Pavement – Materials, Design and Maintenance', organized by Bangalore Institute of Technology, from 14th to 18th Jul 2020.
- FDP on 'Emerging Technology in Structural and Fluid Modelling and Analysis', organized by Malla Reddy College of Engineering, from 30th Jul to 1st Aug 2020.
- FDP on 'Advances in Concrete Technology and Sustainable Construction Practices', organized by Government Engineering College, Dahod, from 21st to 25th Sep, 2020.
- FDP on 'Earthquake Engineering', organized by LD College of Engineering, Ahmedabad, from 1st to 5th Dec 2020.
- STTP on 'Steel Concrete Composite Structures', organized by SRM University, from 23rd to 28th Nov 2020.

Dr. P. Sangeetha contd.

- Webinar on 'Self-Compacting Grout for Preplaced Aggregate Concrete', organized by ICI Kolkata, on 1st Jul 2020.
- Webinar on 'Concrete - A versatile option for Urban Roads', organized by Ultra Tech Cement Ltd., on 6th Jul 2020.
- Webinar series on 'Seismic Risk and Condition Assessment for Different types of Engineering Structures', organized by Rajeev Gandhi Memorial College of Engineering, Nandyal, from 14th to 18th Jul 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on 'Preparation of Bar Bending Schedules', organized by SSNCE IGBC Student Chapter, on 31st Jul 2020.
- Webinar on 'Rehabilitation and Retrofitting of Transportation Structures', organized by Bangalore Institute of Technology and ICI Bangalore, on 3rd Aug 2020.
- Webinar on 'Construction Planning & Methods for High Rise Buildings', organized by ICI Bangalore, on 8th Aug 2020.
- Webinar on 'Modern Technologies in Civil Engineering', organized by SSNCE IEI Student Chapter, on 9th Aug 2020.
- Webinar on 'Latest Developments in the Indian Standards in Civil Engineering and NBC 2016', organized by Indian Concrete Institute and JSW Cements, on 21st Aug 2020.
- Webinar on 'Foundation Engineering', organized by SSNCE IEI Student Chapter, on 21st Aug 2020.
- Webinar on 'Fundamental Rights and Fundamental Duties of the Citizen', organized by Sri Venkateswara College of Engineering, on 24th Aug 2020.
- Webinar on 'Modern Remedial Waterproofing', organized by ICI Mumbai, on 31st Aug 2020.
- Webinar on 'Performance-based Infrastructure Asset Management', organized by UltraTech Cement Ltd., on 9th Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, on 15th Sep 2020.
- Webinar on 'Opportunities for Civil Engineers', organized by Department of Civil Engineering, SSNCE, on 16th Sep 2020.
- Webinar on 'Global Market Conditions of Real Estate', organized by SSNCE ICE (UK) Student Chapter, on 5th Oct 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, on 7th Oct 2020.

Dr. P. Sangeetha contd.

- Webinar on 'Indian Standards for Glass', organized by IIT Madras, on 9th Oct 2020.
- Webinar on 'Compatibility Analysis and Touchdown at NUS: Things to Know', organized by ACE, Dept. of Civil Engineering, SSNCE, on 24th Oct 2020.
- Webinar on 'Fiber Reinforced Polymers for Retrofitting of Structures', organized by Ultra Tech Cement Ltd., on 31st Oct 2020.
- Webinar on 'Career Probes for Civil Engineers, organized by the Association of Civil Engineers, on 5th Nov 2020.
- Webinar on 'Intellectual Property Rights, Start-Up & Innovations', organized by Hindustan College of Engineering and Technology, Coimbatore, on 7th Nov 2020.
- Webinar on 'Journal Finder/Journal Suggester', organized by Progress with Prof. Mahamani, on 8th Nov 2020.
- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, on 9th Nov 2020.
- Webinar on 'Sustainable Use of Alternative Aggregates in Concrete', organized by UltraTech Cement Ltd., on 18th Dec 2020.
- Webinar on 'Durability of Structural Concrete', organized by UltraTech Cement Ltd., on 25th Dec 2020.



Dr. Jijo James, Associate Professor

- Online course – 'Spreadsheet for Beginners using Google Sheets' – one week – Coursera Project Network – completed in Jul 2020.
- FDP on 'Innovation in Civil Engineering and Concrete Technology', organized by SRM Institute of Science & Technology with ICE (UK) and Ultra Tech Cement Ltd., from 13th to 17th Jul 2020.
- FDP on 'Recent Developments and Applications in Geotechnical Engineering', organized by SRM Institute of Science and Technology and Ultra Tech Cement Ltd., from 20th to 24th Jul 2020.

Dr. Jijo James contd.

- FDP on 'Recent Trends and Innovations in Construction Technologies', organized by ICI, Ultra Tech Cement Ltd. and SRM Institute of Science and Technology, from 10th to 14th Aug 2020.
- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Workshop on 'Interactive Design in Geotechnical Practice: from Theory to Practice', organized by NIT Surathkal, IIT Kanpur and University of Ottawa Canada, from 24th Sep to 2nd Oct 2020.
- Workshop on 'Importance and Advancements in Soil Mechanics', organized by Terna Engineering College, Navi Mumbai, on 2nd Oct 2020.
- Workshop on 'Scour and Erosion', organized by IGS, Vizag, on 16th Dec 2020.
- Webinar series on 'Emerging Trends in Civil Engineering', organized by SRM Easwari Engineering College, Chennai, from 30th Jun to 2nd Jul 2020.
- Webinar series on 'Recent Advances in Geotechnical Engineering Research & Practice (RAGeo-RP)', organized by IIT Patna, from 1st to 10th Jul 2020.
- Webinar on 'The Use of Non-Standard Fills in Reinforced Soil Highway Structures', organized by Tensar International Ltd., UK, on 2nd Jul 2020.
- Webinar on 'Applications of Coir Geotextiles in Subgrades', organized by IGS Student Chapter, M.P.E.S. Group of Institutions, Guntur, on 4th Jul 2020.
- Webinar on 'The Road Ahead for Jute Geotextiles and its Blends with Other Natural Fibres', organized by iGrip, IIT Gandhi Nagar, on 6th Jul 2020.
- Webinar on 'Reinforced Soil Structure: Design Methods, Issues and Innovations', organized by IIT Hyderabad, JNTU Hyderabad and IGS Hyderabad, on 25th Jul 2020.
- Webinar on 'Online Open Book Exams - Dos and Don'ts', organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on 'Open Book Exams', organized by the Department of Mechanical Engineering, SSNCE, on 8th Aug 2020.
- Webinar on 'Modern Technologies in Civil Engineering', organized by SSNCE IEI Student Chapter, on 9th Aug 2020.
- Webinar on 'Scenario Planning for Epic Disruptions – How to Future-Proof our Infrastructure in an Uncertain World', organized by ASCE, USA, on 12th Aug 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.
- Webinar on 'Foundation Engineering', organized by SSNCE IEI Student Chapter, on 21st Aug 2020.

Dr. Jijo James contd.

- Webinar on 'MTHL – Migration to New Specifications', organized by ICI Bangalore, on 21st August 2020.
- Webinar on 'Latest Developments in the Indian Standards in Civil Engineering and NBC 2016', organized by Indian Concrete Institute and JSW Cements, on 21st Aug 2020.
- Webinar on 'My Tryst - Romance with Concrete', organized by ICI Pune, in Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, on 15th Sep 2020.
- Webinar on 'Compressed Stabilized Earth Blocks for a Sustainable Future', organized by IEI, Kolkata, on 19th Sep 2020.
- Webinar on 'Earthquake - Is it a Man-Made Calamity?', organized by Qcrete Ready Mix (India) Pvt. Ltd., on 3rd Oct 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, on 7th Oct 2020.
- Webinar on 'Compatibility Analysis and Touchdown at NUS: Things to Know', organized by ACE, Dept. of Civil Engineering, SSNCE, on 24th Oct 2020.
- Webinar on 'Career Probes for Civil Engineers, organized by the Association of Civil Engineers, on 5th Nov 2020.
- Webinar on 'Pavement Management Systems', organized by Ultra Tech Cement Ltd. And ICI Uttarakhand, on 20th Nov 2020.
- Webinar on 'Application of Artificial Intelligence to Prediction of Properties of Concrete', organized by Ultra Tech Cement Ltd. and ICI Chennai, on 27th Nov 2020.
- Webinar on 'Application of NDT in Structure Evaluation', organized by Ultra Tech Cement Limited, on 4th Dec 2020.
- Webinar on 'Application of Value Engineering in Foundation Design', organized by Qcrete Redimix India Pvt. Ltd., on 12th Dec 2020.
- Webinar on 'Fundamentals of Concrete Roads for Sustainable Development', organized by Ultra Tech Cement Limited, on 12th Dec 2020.
- '35th Indian Engineering Congress', organized by IEI Calcutta, from 18th to 20th Dec 2020.

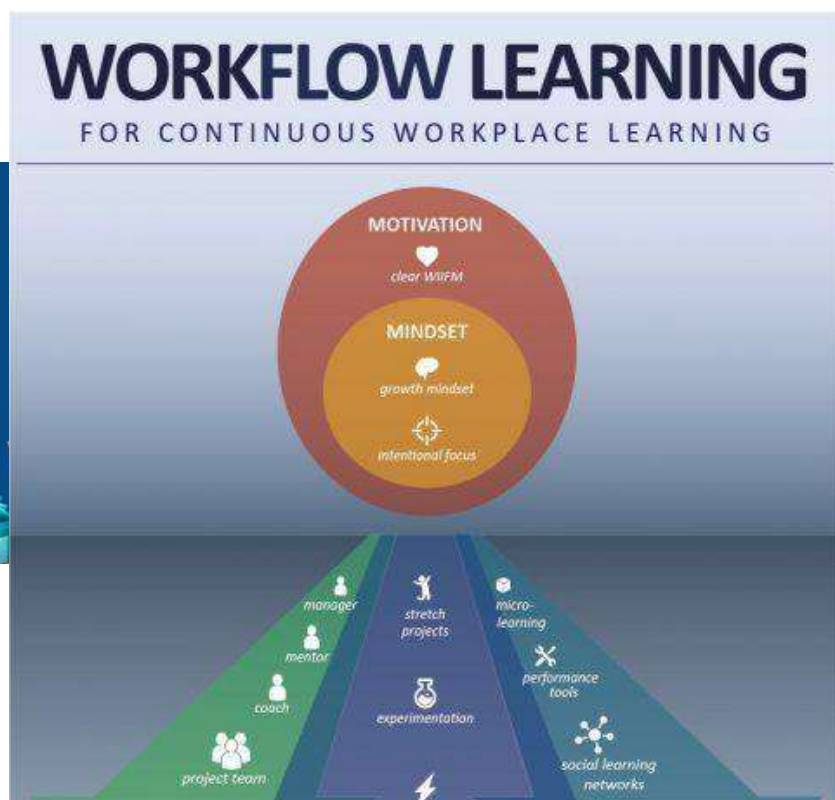
Ms. Sumetha R, Assistant Professor



- Online course – ‘Leadership and Emotional Intelligence’ – offered by Indian School of Business – four weeks – Coursera – completed in Jul 2020.
- Workshop on ‘Detailing of Structures’, organized by SSNCE ICI Student Chapter, on 18th Sep 2020.
- Webinar on ‘Online Open Book Exams - Dos and Don’ts’, organized by SSNCE IEI Student Chapter, on 25th Jul 2020.
- Webinar on ‘Introduction to Green Buildings and Embodied Energy’, organized by SSNCE IGBC Student Chapter, on 14th Aug 2020.
- Webinar on ‘Evolving a Decentralized Picture of Sanitation for a Town: Insights from Wastewater Planning in Alappuzha’, organized by SSNCE ICE (UK) Student Chapter, on 15th Aug 2020.
- Webinar on ‘Foundation Engineering’, organized by SSNCE IEI Student Chapter, on 21st Aug 2020.
- Webinar on ‘Remote Sensing and GIS’, organized by Hindusthan College of Engineering and Technology, Coimbatore, on 9th Sep 2020.
- Webinar on ‘Compatibility of Superplasticizers with Portland Pozzolana Cement’, organized by SSNCE IEI Student Chapter, on 15th Sep 2020.
- Webinar on ‘Opportunities for Civil Engineers’, organized by Department of Civil Engineering, SSNCE, on 16th Sep 2020.
- Webinar on ‘Global Market Conditions of Real Estate’, organized by SSNCE ICE (UK) Student Chapter, on 5th Oct 2020.
- Webinar on ‘Cost Effective Construction Materials’, organized by SSNCE IEI Student Chapter, on 7th Oct 2020.
- Webinar on ‘Streamlining Project Collaboration for Metro Construction’, organized by Infinity PMC Solutions Pvt. Ltd., on 17th Oct 2020.
- Webinar on ‘The Architectural, Engineering, and Construction Industry and the Fourth Industrial Revolution’, organized by Jaipur Engineering College and Research Centre, on 22nd Oct 2020.
- Webinar on ‘Compatibility Analysis and Touchdown at NUS: Things to Know’, organized by ACE, Dept. of Civil Engineering, SSNCE, on 24th Oct 2020.
- Webinar on ‘Emerging Construction System for Mass Housing’, organized by Ultra Tech Cement Limited, on 23rd Oct 2020.
- Webinar on ‘PTV Optima: Kick-start Your Way to Real-time Traffic Management with Available Data’, organized by PTV Group, on 27th Oct 2020.

Ms. Sumetha R contd.

- Webinar on 'Career Probes for Civil Engineers, organized by the Association of Civil Engineers, on 5th Nov 2020.
- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, on 9th Nov 2020.
- Webinar on 'Pavement Management Systems', organized by Ultra Tech Cement Ltd. And ICI Uttarakhand, on 20th Nov 2020.
- Webinar on 'Application of Artificial Intelligence to Prediction of Properties of Concrete', organized by Ultra Tech Cement Ltd. and ICI Chennai, on 27th Nov 2020.
- Webinar on 'Fundamentals of Concrete Roads for Sustainable Development', organized by Ultra Tech Cement Limited, on 12th Dec 2020.
- E-Summit on 'Airport Planning and Development', organized by iDAC, on 30th & 31st Oct, 2020.



Continuous Learning



Mr. Kalatharan M



- Online course – ‘AI for Everyone’ – offered by Deeplearning.ai – four weeks – Coursera – completed in Jul 2020.
- Online course – ‘Google Ads for Beginners’ – one week – Coursera Project Network – completed in Sep 2020.
- Online course – ‘The 5S System - Lean Methodology on Workplace Optimization and Housekeeping’ – Alison – completed in Sep 2020.
- Online course – ‘GIS and Spatial Interpolation’ – Alison – completed in Oct 2020.
- Online course – ‘Teaching English’ – Alison – completed in Oct 2020.
- Online course – ‘Customer Service Skills’ – Alison – completed in Nov 2020.
- Online course – ‘Computer Fundamentals’ – Study Section – completed in Nov 2020.
- Online course – ‘Physics – Motion, Speed and Time’ – Alison – completed in Nov 2020.
- Online course – ‘Food Safety and Hygiene in the Catering Industry’ – Alison – completed in Nov 2020.
- Online course – ‘The Complete Online Marketing and Advertising Course’ – Alison – completed in Dec 2020.
- Online course – ‘Soil and Water Conservation Engineering – Introduction to Erosion Control Measures’ – Alison – completed in Dec 2020.
- Online course – ‘Working with students with special educational needs’ – Alison – completed in Dec 2020.
- Training course in ‘English Communication Skills for Non-Teaching Staff’, conducted by Dept. of English, SSNCE, in Jul 2020.
- Training course in ‘Computer Skills Training for Non-Teaching Staff’, conducted by Dept. of IT, SSNCE, in Jul 2020.
- Workshop on ‘Detailing of Structures’, organized by SSNCE ICI Student Chapter, in Sep 2020.
- Workshop on ‘Importance and Advancements in Soil Mechanics’, organized by Terna Engineering College, Navi Mumbai, in Oct 2020.

- Webinar on 'Earthquake resistance measures using conventional and advanced concepts', conducted by Solaimalai College of Engineering, in Jul 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, in Aug 2020.
- Webinar on 'Water Resources-Planning and Management', organized by Kongunadu College of Engineering and Technology, in Aug 2020.
- Webinar on 'Sustainability - Concepts and Practices', organized by SSNCE IGBC Student Chapter, in Sep 2020.
- Webinar on 'Good Construction Practices of Concrete Structures', organized by SSNCE ICE (UK) Student Chapter, in Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, in Sep 2020.
- Webinar on 'Higher Studies after Civil Engineering', organized by ACE, Dept. of Civil Engineering, SSNCE, in Sep 2020.
- Webinar on 'How to foster learning and effective teaching through online courses', organized by Sri Venkateswara group of Institutions, Gajraula, in Sep 2020.
- Webinar on 'Quality Assurance and Quality Control in Construction', organized by Dr. N. G. P. Institute of Technology, in Sep 2020.
- Webinar on 'Perspective on Government Tendering & Contract Managements', organized by Eswari Engineering College, in Sep 2020.
- Quiz Programme on 'Basics of Concrete Technology', organized by Department of Civil Engineering, Rathinam Technical Campus, in Sep 2020.
- Webinar on 'Non Filling Bio Septic Tank', organized by Kamaraj College of Engineering and Technology, in Oct 2020.
- Webinar on 'AI and Machine Learning', organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on 'Earthquake - Is it a Man-Made Calamity?', organized by Qcrete Ready Mix (India) Pvt. Ltd., in Oct 2020.
- Webinar on 'Water Sector of Gujarat', organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, in Oct 2020.
- Webinar on 'Global Market Conditions of Real Estate', organized by SSNCE ICE (UK) Student Chapter, in Oct 2020.

- Webinar on 'High Performance and Smart Materials for Structural Applications', organized by NPR College of Engineering and Technology, in Oct 2020.
- Webinar on 'Digital Revolution in Professional Practices', organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on 'Repair, Rehabilitation and Retrofitting of RCC Structures', organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on 'Design Trends- Office & Residential Space', organized by CMTI, Bangalore, in Oct 2020.
- Webinar on 'Radiant Cooling for Buildings', organized by Kamaraj College of Engineering and Technology, in Oct 2020.
- Webinar on 'Pains in Concrete and Remedial Measures with the Application of NDT', organized by Sri Ranganathar Institute of Engineering and Technology, in Oct 2020.
- Webinar on 'Compatibility Analysis and Touchdown at NUS: Things to Know', organized by ACE, Dept. of Civil Engineering, SSNCE, in Oct 2020.
- Webinar on 'Challenges and case studies in Geotechnical Engineering', organized by B V Raju Institute of Technology, Hyderabad, in Oct 2020.
- Webinar on 'Liquefaction - case studies and remedial measures', organized by Hindustan College of Engineering and Technology, Coimbatore, in Oct 2020.
- Webinar on 'Emerging Construction System for Mass Housing', organized by Ultra Tech Cement Limited, in Oct 2020.
- Webinar on 'Emerging Technologies on BIM', organized by Walflower Designs & Engineers, in Oct 2020.
- National Level Virtual Conference on 'Recycling and Reuse of Plastic Waste in Civil Engineering', organized by Dr. N.G.P. Institute of Technology, in Nov 2020.
- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, in Nov 2020.
- Webinar on 'Career Probes for Civil Engineers', organized by the Association of Civil Engineers, in Nov 2020.
- Webinar on 'Pavement Management Systems', organized by Ultra Tech Cement Ltd. And ICI Uttarakhand, in Nov 2020.
- Webinar on 'Application of Artificial Intelligence to Prediction of Properties of Concrete', organized by Ultra Tech Cement Ltd. and ICI Chennai, in Nov 2020.
- Webinar on 'Introduction to Transportation Engineering', organized by PET Engineering College, in Nov 2020.

- Webinar on 'Intellectual Property Rights, Start-up & Innovations', organized by Hindusthan College of Engineering and Technology in Nov 2020.
- Webinar on 'Intellectual Property Rights and patent process', organized by Hindusthan College of Engineering and Technology in Nov 2020.
- Webinar on 'Responsibilities of Stakeholders of Earthquake', organized by Qcrete Readymix (India) Pvt. Ltd., in Nov 2020.
- Webinar on 'Seaweed to biofuel- A novel approach', organized by PET Engineering College, in Nov 2020.
- Webinar on 'IQAC - Roles and Responsibilities', organized by ISDE Academy India Pvt. Ltd., in Nov 2020.
- Webinar on 'Application of NDT in Structure Evaluation', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Fundamentals of Concrete Roads for Sustainable Development', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Durability of Structural Concrete', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Trends in Concrete Pavements', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Sustainable use of alternative aggregates in construction', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Application of Value Engineering in Foundation Design', organized by Qcrete Readymix India Pvt. Ltd., in Dec 2020.
- Webinar on 'Impact of climate change on water resource engineering', organized by Government Engineering College, Surat, in Dec 2020.
- Webinar on 'Emerging technologies in construction industry', conducted by Dr. N.G.P. Institute of Technology, in Dec 2020.

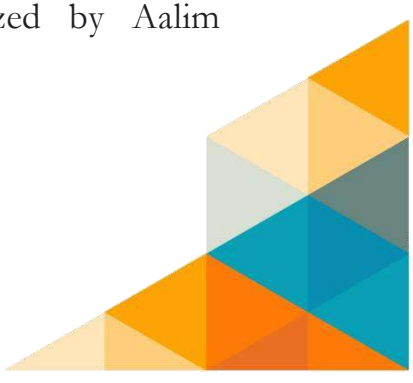
Mr. Prasath R



- Online course – 'Spreadsheet for Beginners using Google Sheets' – one week – Coursera Project Network – completed in Jul 2020.
- Online course – 'Introduction to Google Docs' – one week – Coursera Project Network – completed in Sep 2020.
- Online course – 'AI for Everyone' – offered by Deeplearning.ai – four weeks – Coursera – completed in Aug 2020.

- Online course – ‘The 5S System - Lean Methodology on Workplace Optimization and Housekeeping’ – Alison – completed in Sep 2020.
- Online course – ‘GIS and Spatial Interpolation’ – Alison – completed in Oct 2020.
- Online course – ‘Teaching English’ – Alison – completed in Oct 2020.
- Training course in ‘English Communication Skills for Non-Teaching Staff’, conducted by Dept. of English, SSNCE, in Jul 2020.
- Training course in ‘Computer Skills Training for Non-Teaching Staff’, conducted by Dept. of IT, SSNCE, in Jul 2020.
- Workshop on ‘Importance and Advancements in Soil Mechanics’, organized by Terna Engineering College, Navi Mumbai, in Oct 2020.
- Workshop on ‘Detailing of Structures’, organized by SSNCE ICI Student Chapter, in Sep 2020.
- Workshop on ‘Quantity Surveying’, organized by Mohamed Sathak AJ College of Engg., in Dec 2020.
- Workshop on ‘Space for Healthy Living’, organized by Jyothi Engineering College, in Dec 2020.
- Participated in the FIT INDIA CYCLOTHON 2020, an initiative of the Government of India, Ministry of Youth Affairs and Sports, in Dec 2020.
- Webinar on ‘Perspective on Government Tendering & Contract Managements’, organized by Eswari Engineering College, in Sep 2020.
- Webinar on ‘Quality Assurance and Quality Control in Construction’, organized by Dr. N. G. P. Institute of Technology, in Sep 2020.
- Webinar on ‘Sustainability - Concepts and Practices’, organized by SSNCE IGBC Student Chapter, in Sep 2020.
- Webinar on ‘Good Construction Practices of Concrete Structures’, organized by SSNCE ICE (UK) Student Chapter, in Sep 2020.
- Webinar on ‘Compatibility of Superplasticizers with Portland Pozzolana Cement’, organized by SSNCE IEI Student Chapter, in Sep 2020.
- Webinar on ‘Higher Studies after Civil Engineering’, organized by ACE, Dept. of Civil Engineering, SSNCE, in Sep 2020.
- Webinar on ‘How to foster learning and effective teaching through online courses’, organized by Sri Venkateswara group of Institutions, Gajraula, in Sep 2020.
- Webinar on ‘Covid-19 Care’, organized by K.D.K. College of Engineering, Nagpur, in Sep 2020.

- Webinar on 'Prefabricated Structures', organized by Nehru Institute of Technology, Coimbatore, in Sep 2020.
- Webinar on 'An Introduction to Design and Construction of Timber Structures', organized by SSNCE ICE (UK) Student Chapter, in Sep 2020.
- Webinar on 'Remote Sensing and GIS', organized by Hindusthan College of Engineering and Technology, Coimbatore, in Sep 2020.
- Webinar on 'Application of lean management in construction industry', organized by Kongunadu College of Engineering and Technology, in Sep 2020.
- Webinar on 'Career Opportunities in Transportation Engineering', organized by Jaypee University of Engg. & Technology, MP, in Sep 2020.
- Webinar on 'Common Mistakes we do with Concrete', organized by CVR College of Engineering, Telangana, in Sep 2020.
- Webinar on 'Repair, Rehabilitation and Retrofitting of RCC Structures', organized by Government Engineering College, Surat, in Oct 2020.
- Workshop on 'Bio-gas plant', organized by Kamaraj College of Engineering and Technology, in Oct 2020.
- Webinar on 'Artificial Intelligence and its applications', organized by Shri Venkateshwara University, in Oct 2020.
- Webinar on 'Non Filling Bio Septic Tank', organized by Kamaraj College of Engineering and Technology, in Oct 2020.
- Webinar on 'Radiant Cooling for Buildings', organized by Kamaraj College of Engineering and Technology, in Oct 2020.
- Webinar on 'Compressed Stabilized Earth Blocks, Interlock Blocks', organized by Kamaraj College of Engineering & Technology, in Oct 2020.
- Webinar on 'Design Trends- Office & Residential Space', organized by CMTI, Bangalore, in Oct 2020.
- Webinar on 'Modern Materials and Methods in Building Construction - Dry Walls, Ceilings', organized by Kamaraj College of Engineering & Technology, in Oct 2020.
- Webinar on 'Use of Geosynthetics Reinforcement', organized by Rajkumar Goel Institute of Technology, Ghaziabad, in Oct 2020.
- Webinar on 'High Performance and Smart Materials for Structural Applications', organized by NPR College of Engineering and Technology, in Oct 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, in Oct 2020.

- 
- Webinar on ‘Global Market Conditions of Real Estate’, organized by SSNCE ICE (UK) Student Chapter, in Oct 2020.
 - Webinar on ‘Water Sector of Gujarat’, organized by Government Engineering College, Surat, in Oct 2020.
 - Webinar on ‘Earthquake - Is it a Man-Made Calamity?’, organized by Qcrete Ready Mix (India) Pvt. Ltd., in Oct 2020.
 - Webinar on ‘AI and Machine Learning’, organized by Government Engineering College, Surat, in Oct 2020.
 - Webinar on ‘Waste to Wealth’, organized by Kumaraguru College of Technology, in Oct 2020.
 - Webinar on ‘Harbor Engineering’, organized by Rathinam Technical Campus, in Oct 2020.
 - Webinar on ‘Indian Standards for Glass’, organized by IIT Madras, in Oct 2020.
 - Webinar on ‘Application of Constructed Wetlands in Phytoremediation of Wastewater’, organized by SSNCE ICE (UK) Student Chapter, in Nov 2020.
 - Webinar on ‘Career Probes for Civil Engineers’, organized by the Association of Civil Engineers, in Nov 2020.
 - Webinar on ‘Intellectual Property Rights, Start-up & Innovations’, organized by Hindusthan College of Engineering and Technology in Nov 2020.
 - Webinar on ‘Intellectual Property Rights and patent process’, organized by Hindusthan College of Engineering and Technology in Nov 2020.
 - Webinar on 'Seaweed to biofuel- A novel approach', organized by PET Engineering College, in Nov 2020.
 - Webinar on ‘Application of Artificial Intelligence to Prediction of Properties of Concrete’, organized by Ultra Tech Cement Ltd. and ICI Chennai, in Nov 2020.
 - Webinar on ‘Waste Management Approaches: A Perspective on Plastic Wastes’, organized by NGP Institute of Technology, in Nov 2020.
 - Webinar on ‘IQAC - Roles and Responsibilities’, organized by ISDE Academy India Pvt. Ltd., in Nov 2020.
 - Webinar on ‘Application of NDT in Structure Evaluation’, organized by Ultra Tech Cement Limited, in Dec 2020.
 - Webinar on ‘Virtual Reality in Construction’, organized by Aalim Muhammed Salegh College of Engineering, in Dec 2020.
- 

- Webinar on 'Green & Sustainable Building Materials and Utilization of C&D Waste', organized by Jaypee University of Engg. & Technology, in Dec 2020.
- Webinar on 'Fundamentals of Concrete Roads for Sustainable Development', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Application of Value Engineering in Foundation Design', organized by Qcrete Readymix India Pvt. Ltd., in Dec 2020.
- Webinar on 'Impact of climate change on water resource engineering', organized by Government Engineering College, Surat, in Dec 2020.
- Webinar on 'Durability of Structural Concrete', organized by Ultra Tech Cement Limited, in Dec 2020.



Mr. Jegadheesan

- Online course – 'The 5S System - Lean Methodology on Workplace Optimization and Housekeeping' – Alison – completed in Sep 2020.
- Online course – 'Google Ads for Beginners' – one week – Coursera Project Network – completed in Oct 2020.
- Online course – 'GIS and Spatial Interpolation' – Alison – completed in Oct 2020.
- Online course – 'Teaching English' – Alison – completed in Oct 2020.
- Online course – 'Higher Level Geometry and Trigonometry' – Alison – completed in Oct 2020.
- Online course – 'Microsoft Teams' – Alison – completed in Oct 2020.
- Online course – 'Geospatial Analysis in Urban Planning' – Alison – completed in Oct 2020.
- Online course – 'Structural Dynamics for Engineers SDOF Systems' – Alison – completed in Nov 2020.
- Online course – 'Mechanics of Machining' – Alison – completed in Nov 2020.
- Online course – 'English Grammar (Foundation)' – Study Section – completed in Nov 2020.
- Online course – 'English Language (Foundation)' – Study Section – completed in Nov 2020.
- Online course – 'Computer Fundamentals (Foundation)' – Study Section – completed in Nov 2020.

- Online course – ‘Soil and Water Conservation Engineering’ – Alison – completed in Dec 2020.
- Online course – ‘ISO 45001:2018 - Principles of Occupational Health and Safety Management Systems’ – Alison – completed in Dec 2020.
- Online course – ‘Fundamentals of Unsaturated Soil Mechanics’ – Alison – completed in Dec 2020.
- Online course – ‘Concrete Structures – Corrosion of Embedded Metal and Reinforcement’ – Alison – completed in Dec 2020.
- Online course – ‘English Vocabulary (Foundation)’ – Alison – completed in Dec 2020.
- Training course in ‘English Communication Skills for Non-Teaching Staff’, conducted by Dept. of English, SSNCE, in Jul 2020.
- Training course in ‘Computer Skills Training for Non-Teaching Staff’, conducted by Dept. of IT, SSNCE, in Jul 2020.
- Workshop on ‘Detailing of Structures’, organized by SSNCE ICI Student Chapter, in Sep 2020.
- Webinar on ‘Pains in Concrete and Remedial Measures with the Application of NDT’, organized by Sri Ranganathar Institute of Engineering and Technology, in Oct 2020.
- Workshop on ‘Importance and Advancements in Soil Mechanics’, organized by Terna Engineering College, Navi Mumbai, in Oct 2020.
- Webinar on ‘The Transformation needed from a 2G Civil Engineer to 5G Civil Engineer’, conducted by Rajalakshmi Engineering College, in Aug 2020.
- Webinar on ‘Introduction to Green Buildings and Embodied Energy’, organized by SSNCE IGBC Student Chapter, in Aug 2020.
- Webinar on ‘Analysis of Heavy Metal Pollution on Soil using Machine Learning Techniques’, conducted by JCT College of Engineering and Technology, in Aug 2020.
- Webinar on ‘Water Resources-Planning and Management’, organized by Kongunadu College of Engineering and Technology, in Aug 2020.
- Webinar on ‘Fundamental Rights and Fundamental Duties of the Citizen’, conducted by Venkateshwara College of Engineering, in Aug 2020.
- Webinar on ‘How to foster learning and effective teaching through online courses’, organized by Sri Venkateswara group of Institutions, Gajraula, in Sep 2020.
- Webinar on ‘Prefabricated Structures’, organized by Nehru Institute of Technology, Coimbatore, in Sep 2020.

- Webinar on 'Quality Assurance and Quality Control in Construction', organized by Dr. N. G. P. Institute of Technology, in Sep 2020.
- Webinar on 'Good Construction Practices of Concrete Structures', organized by SSNCE ICE (UK) Student Chapter, in Sep 2020.
- Webinar on 'Sustainability - Concepts and Practices', organized by SSNCE IGBC Student Chapter, in Sep 2020.
- Webinar on 'Higher Studies after Civil Engineering', organized by ACE, Dept. of Civil Engineering, SSNCE, in Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, in Sep 2020.
- Webinar on 'Perspective on Government Tendering & Contract Managements', organized by Eswari Engineering College, in Sep 2020.
- Quiz Programme on 'Basics of Concrete Technology', organized by Department of Civil Engineering, Rathinam Technical Campus, in Sep 2020.
- Webinar on 'Challenges in pile load testing', organized by Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, in Oct 2020.
- Webinar on 'Challenges and case studies in Geotechnical Engineering', organized by B V Raju Institute of Technology, Hyderabad, in Oct 2020.
- Webinar on 'Earthquake - Is it a Man-Made Calamity?', organized by Qcrete Ready Mix (India) Pvt. Ltd., in Oct 2020.
- Webinar on 'Global Market Conditions of Real Estate', organized by SSNCE ICE (UK) Student Chapter, in Oct 2020.
- Webinar on 'High Performance and Smart Materials for Structural Applications', organized by NPR College of Engineering and Technology, in Oct 2020.
- Webinar on 'Repair, Rehabilitation and Retrofitting of RCC Structures', organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on 'Design Trends- Office & Residential Space', organized by CMTI, Bangalore, in Oct 2020.
- Webinar on 'Radiant Cooling for Buildings', organized by Kamaraj College of Engineering and Technology, in Oct 2020.
- Webinar on 'Cost Effective Construction Materials', organized by SSNCE IEI Student Chapter, in Oct 2020.
- Webinar on 'Pains in Concrete and Remedial Measures with the Application of NDT', organized by Sri Ranganathar Institute of Engineering and Technology, in Oct 2020.

- 
- Webinar on ‘Modern Materials and Methods in Building Construction - Dry Walls, Ceilings’, organized by Kamaraj College of Engineering & Technology, in Oct 2020.
 - Webinar on ‘Compatibility Analysis and Touchdown at NUS: Things to Know’, organized by ACE, Dept. of Civil Engineering, SSNCE, in Oct 2020.
 - Webinar on ‘Career Probes for Civil Engineers’, organized by the Association of Civil Engineers, in Nov 2020.
 - Webinar on ‘Pavement Management Systems’, organized by Ultra Tech Cement Ltd. And ICI Uttarakhand, in Nov 2020.
 - Webinar on ‘Application of Artificial Intelligence to Prediction of Properties of Concrete’, organized by Ultra Tech Cement Ltd. and ICI Chennai, in Nov 2020.
 - Webinar on ‘Introduction to Transportation Engineering’, organized by PET Engineering College, in Nov 2020.
 - Webinar on ‘IQAC - Roles and Responsibilities’, organized by ISDE Academy India Pvt. Ltd., in Nov 2020.
 - Webinar on ‘Intellectual Property Rights, Start-up & Innovations’, organized by Hindusthan College of Engineering and Technology in Nov 2020.
 - Webinar on ‘Intellectual Property Rights and patent process’, organized by Hindusthan College of Engineering and Technology in Nov 2020.
 - Webinar on ‘Responsibilities of Stakeholders of Earthquake’, organized by Qcrete Readymix (India) Pvt. Ltd., in Nov 2020.
 - Webinar on ‘Application of Value Engineering in Foundation Design’, organized by Qcrete Readymix India Pvt. Ltd., in Dec 2020.
 - Webinar on ‘Sustainable use of alternative aggregates in construction’, organized by Ultra Tech Cement Limited, in Dec 2020.
 - Webinar on ‘Impact of climate change on water resource engineering’, organized by Government Engineering College, Surat, in Dec 2020.
 - Webinar on ‘Durability of Structural Concrete’, organized by Ultra Tech Cement Limited, in Dec 2020.
- 





- Online course – ‘AI for Everyone’ – offered by DeepLearning.ai – four weeks – Coursera – completed in Jul 2020.
- Online course – ‘Getting started with Google Sheets for Beginners’ – five weeks – Coursera Project Network – completed in Aug 2020.
- Online course – ‘Spreadsheet for Beginners using Google Sheets’ – one week – Coursera Project Network – completed in Aug 2020.
- Online course – ‘Google Ads for Beginners’ – one week – Coursera Project Network – completed in Aug 2020.
- Online course – ‘The 5S System - Lean Methodology on Workplace Optimization and Housekeeping’ – Alison – completed in Sep 2020.
- Online course – ‘GIS and Spatial Interpolation’ – Alison – completed in Oct 2020.
- Online course – ‘Teaching English’ – Alison – completed in Oct 2020.
- Online course – ‘Higher Level Geometry and Trigonometry’ – Alison – completed in Oct 2020.
- Online course – ‘Computer Fundamentals (Foundation)’ – Study Section – completed in Nov 2020.
- Online course – ‘English Grammar (Foundation)’ – Study Section – completed in Nov 2020.
- Online course – ‘Physics – Motion, Speed and Time’ – Alison – completed in Nov 2020.
- Online course – ‘Food Safety and Hygiene in the Catering Industry’ – Alison – completed in Nov 2020.
- Online course – ‘Soil and Water Conservation Engineering – Introduction to Erosion Control Measures’ – Alison – completed in Dec 2020.
- Online course – ‘English Language (Foundation)’ – Study Section – completed in Dec 2020.
- Training course in ‘English Communication Skills for Non-Teaching Staff’, conducted by Dept. of English, SSNCE, in Jul 2020.
- Training course in ‘Computer Skills Training for Non-Teaching Staff’, conducted by Dept. of IT, SSNCE, in Jul 2020.
- Training on ‘Progress Reporting’, conducted by Siddhartha Institute of Technology, in Jul 2020.
- Workshop on ‘Detailing of Structures’, organized by SSNCE ICI Student Chapter, in Sep 2020.

- Workshop on 'Importance and Advancements in Soil Mechanics', organized by Terna Engineering College, Navi Mumbai, in Oct 2020.
- Webinar on 'Celebrating Concrete Structures', conducted by Jasons Institute of Technology, in Jul 2020.
- Webinar on 'Quality of reinforcement and next generation of concrete', conducted by Jain Institute of Technology, in Jul 2020.
- Webinar on 'Earthquake resistance measures using conventional and advanced concepts', conducted by Solaimalai College of Engineering, in Jul 2020.
- Webinar on 'Construction using Codes', conducted by Solaimalai College of Engineering, in Jul 2020.
- Webinar on 'Industrial Project Progress Report', organized by Siddhartha Institute of Technology, in Jul 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, in Aug 2020.
- Webinar on 'Water Resources-Planning and Management', organized by Kongunadu College of Engineering and Technology, in Aug 2020.
- Webinar on 'Applications of MATLAB in Civil Engineering', organized by Dr. N. G. P. Institute of Technology, in Sep 2020.
- Webinar on 'How to foster learning and effective teaching through online courses', organized by Sri Venkateswara group of Institutions, Gajraula, in Sep 2020.
- Webinar on 'Higher Studies after Civil Engineering', organized by ACE, Dept. of Civil Engineering, SSNCE, in Sep 2020.
- Webinar on 'Good Construction Practices of Concrete Structures', organized by SSNCE ICE (UK) Student Chapter, in Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, in Sep 2020.
- Webinar on 'Sustainability - Concepts and Practices', organized by SSNCE IGBC Student Chapter, in Sep 2020.
- Webinar on 'Perspective on Government Tendering & Contract Managements', organized by Eswari Engineering College, in Sep 2020.
- Webinar on 'Prefabricated Structures', organized by Nehru Institute of Technology, Coimbatore, in Sep 2020.
- Quiz Programme on 'Basics of Concrete Technology', organized by Department of Civil Engineering, Rathinam Technical Campus, in Sep 2020.

- 
- Webinar on ‘Digital Revolution in Professional Practices’, organized by Government Engineering College, Surat, in Oct 2020.
 - Webinar on ‘Indian Standards for Glass’, organized by IIT Madras, in Oct 2020.
 - Webinar on ‘AI and Machine Learning’, organized by Government Engineering College, Surat, in Oct 2020.
 - Webinar on ‘Earthquake - Is it a Man-Made Calamity?’, organized by Qcrete Ready Mix (India) Pvt. Ltd., in Oct 2020.
 - Webinar on ‘Water Sector of Gujarat’, organized by Government Engineering College, Surat, in Oct 2020.
 - Webinar on ‘Emerging Construction System for Mass Housing’, organized by Ultra Tech Cement Limited, in Oct 2020.
 - Webinar on ‘Global Market Conditions of Real Estate’, organized by SSNCE ICE (UK) Student Chapter, in Oct 2020.
 - Webinar on ‘Cost Effective Construction Materials’, organized by SSNCE IEI Student Chapter, in Oct 2020.
 - Webinar on ‘High Performance and Smart Materials for Structural Applications’, organized by NPR College of Engineering and Technology, in Oct 2020.
 - Webinar on ‘Design Trends- Office & Residential Space’, organized by CMTI, Bangalore, in Oct 2020.
 - Webinar on ‘Non Filling Bio Septic Tank’, organized by Kamaraj College of Engineering and Technology, in Oct 2020.
 - Webinar on ‘Radiant Cooling for Buildings’, organized by Kamaraj College of Engineering and Technology, in Oct 2020.
 - Webinar on ‘Artificial Intelligence and its applications’, organized by Shri Venkateshwara University, in Oct 2020.
 - Webinar on ‘Repair, Rehabilitation and Retrofitting of RCC Structures’, organized by Government Engineering College, Surat, in Oct 2020.
 - Webinar on ‘Modern Materials and Methods in Building Construction - Dry Walls, Ceilings’, organized by Kamaraj College of Engineering & Technology, in Oct 2020.
 - Webinar on ‘Pains in Concrete and Remedial Measures with the Application of NDT’, organized by Sri Ranganathar Institute of Engineering and Technology, in Oct 2020.
 - Webinar on ‘Compatibility Analysis and Touchdown at NUS: Things to Know’, organized by ACE, Dept. of Civil Engineering, SSNCE, in Oct 2020.
- 

- Webinar on 'Liquefaction - case studies and remedial measures', organized by Hindustan College of Engineering and Technology, Coimbatore, in Oct 2020.
- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, in Nov 2020.
- Webinar on 'Career Probes for Civil Engineers, organized by the Association of Civil Engineers, in Nov 2020.
- Webinar on 'Intellectual Property Rights, Start-up & Innovations', organized by Hindusthan College of Engineering and Technology in Nov 2020.
- Webinar on 'Intellectual Property Rights and patent process', organized by Hindusthan College of Engineering and Technology in Nov 2020.
- Webinar on 'Seaweed to biofuel- A novel approach', organized by PET Engineering College, in Nov 2020.
- Webinar on 'Application of Artificial Intelligence to Prediction of Properties of Concrete', organized by Ultra Tech Cement Ltd. and ICI Chennai, in Nov 2020.
- Webinar on 'Waste Management Approaches: A Perspective on Plastic Wastes', organized by NGP Institute of Technology, in Nov 2020.
- Webinar on 'Pavement Management Systems', organized by Ultra Tech Cement Ltd. And ICI Uttarakhand, in Nov 2020.
- Webinar on 'Introduction to Transportation Engineering', organized by PET Engineering College, in Nov 2020.
- Webinar on 'IQAC - Roles and Responsibilities', organized by ISDE Academy India Pvt. Ltd., in Nov 2020.
- Webinar on 'Responsibilities of Stakeholders of Earthquake', organized by Qcrete Readymix (India) Pvt. Ltd., in Nov 2020.
- Webinar on 'Application of NDT in Structure Evaluation', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Fundamentals of Concrete Roads for Sustainable Development', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Durability of Structural Concrete', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Trends in Concrete Pavements', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Sustainable use of alternative aggregates in construction', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Application of Value Engineering in Foundation Design', organized by Qcrete Readymix India Pvt. Ltd., in Dec 2020.

- Webinar on 'Impact of climate change on water resource engineering', organized by Government Engineering College, Surat, in Dec 2020.
- Webinar on 'Emerging technologies in construction industry', conducted by Dr. N.G.P. Institute of Technology, in Dec 2020.
- Webinar on 'Virtual Reality in Construction', organized by Aalim Muhammed Salegh College of Engineering, in Dec 2020.



Mr. Anbazhagan

- Online course – 'Spreadsheet for Beginners using Google Sheets' – one week – Coursera Project Network – completed in Jul 2020.
- Online course – 'Getting started with Google Sheets for Beginners' – five weeks – Coursera Project Network – completed in Aug 2020.
- Online course – 'Successful Negotiation: Essential Strategies and Skills' – seven weeks – Coursera – completed in Aug 2020.
- Online course – 'Google Ads for Beginners' – one week – Coursera Project Network – completed in Oct 2020.
- Online course – 'Write Professional emails in English' – one week – Coursera – completed in Oct 2020.
- Online course – 'Introduction to Human Resource Concepts' – Alison – completed in Jul 2020.
- Online course – 'Coronavirus - What you need to know' – Alison – completed in Sep 2020.
- Online course – 'Introduction to Communication Skills - Revised' – Alison – completed in Sep 2020.
- Online course – 'The 5S System - Lean Methodology on Workplace Optimization and Housekeeping' – Alison – completed in Sep 2020.
- Online course – 'Teaching English' – Alison – completed in Oct 2020.
- Online course – 'GIS and Spatial Interpolation' – Alison – completed in Oct 2020.
- Online course – 'Physics – Motion, Speed and Time' – Alison – completed in Nov 2020.
- Training course in 'English Communication Skills for Non-Teaching Staff', conducted by Dept. of English, SSNCE, in Jul 2020.
- Training course in 'Computer Skills Training for Non-Teaching Staff', conducted by Dept. of IT, SSNCE, in Jul 2020.

- Hands-on Workshop on 'Virtual Laboratory', conducted by Civil Engineering Department of N. K. Orchid College of Engineering and Technology, Solapur, Pune, in Sep 2020.
- Workshop on 'Detailing of Structures', organized by SSNCE ICI Student Chapter, in Sep 2020.
- Workshop on 'Importance and Advancements in Soil Mechanics', organized by Terna Engineering College, Navi Mumbai, in Oct 2020.
- Webinar on 'Fundamental Rights and Fundamental Duties of the Citizen', conducted by Venkateshwara College of Engineering, in Aug 2020.
- Webinar on 'Introduction to Green Buildings and Embodied Energy', organized by SSNCE IGBC Student Chapter, in Aug 2020.
- Webinar on 'Water Resources-Planning and Management', organized by Kongunadu College of Engineering and Technology, in Aug 2020.
- Webinar on 'Prefabricated Structures', organized by Nehru Institute of Technology, Coimbatore, in Sep 2020.
- Webinar on 'Perspective on Government Tendering & Contract Managements', organized by Eswari Engineering College, in Sep 2020.
- Webinar on 'Quality Assurance and Quality Control in Construction', organized by Dr. N. G. P. Institute of Technology, in Sep 2020.
- Webinar on 'Covid-19 Care', organized by K.D.K. College of Engineering, Nagpur, in Sep 2020.
- Webinar on 'Applications of MATLAB in Civil Engineering', organized by Dr. N. G. P. Institute of Technology, in Sep 2020.
- Webinar on 'Sustainability - Concepts and Practices', organized by SSNCE IGBC Student Chapter, in Sep 2020.
- Webinar on 'Good Construction Practices of Concrete Structures', organized by SSNCE ICE (UK) Student Chapter, in Sep 2020.
- Webinar on 'Compatibility of Superplasticizers with Portland Pozzolana Cement', organized by SSNCE IEI Student Chapter, in Sep 2020.
- Webinar on 'An Introduction to Design and Construction of Timber Structures', organized by SSNCE ICE (UK) Student Chapter, in Sep 2020.
- Webinar on 'How to foster learning and effective teaching through online courses', organized by Sri Venkateswara group of Institutions, Gajraula, in Sep 2020.
- Webinar on 'Higher Studies after Civil Engineering', organized by ACE, Dept. of Civil Engineering, SSNCE, in Sep 2020.

- Webinar on ‘Career Opportunities in Transportation Engineering’, organized by Jaypee University of Engg. & Technology, MP, in Sep 2020.
- Webinar on ‘Engineers for a Self-Reliant India’, organized by SSNCE IEI Student Chapter, in Sep 2020.
- Quiz Programme on ‘Basics of Concrete Technology’, organized by Department of Civil Engineering, Rathinam Technical Campus, in Sep 2020.
- Webinar on ‘Digital Revolution in Professional Practices’, organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on ‘Indian Standards for Glass’, organized by IIT Madras, in Oct 2020.
- Webinar on ‘AI and Machine Learning’, organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on ‘Earthquake - Is it a Man-Made Calamity?’, organized by Qcrete Ready Mix (India) Pvt. Ltd., in Oct 2020.
- Webinar on ‘Water Sector of Gujarat’, organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on ‘Global Market Conditions of Real Estate’, organized by SSNCE ICE (UK) Student Chapter, in Oct 2020.
- Webinar on ‘Emerging Technologies on BIM’, organized by Walflower Designs & Engineers, in Oct 2020.
- Webinar on ‘Cost Effective Construction Materials’, organized by SSNCE IEI Student Chapter, in Oct 2020.
- Webinar on ‘High Performance and Smart Materials for Structural Applications’, organized by NPR College of Engineering and Technology, in Oct 2020.
- Webinar on ‘Design Trends- Office & Residential Space’, organized by CMTI, Bangalore, in Oct 2020.
- Webinar on ‘Non Filling Bio Septic Tank’, organized by Kamaraj College of Engineering and Technology, in Oct 2020.
- Webinar on ‘Radiant Cooling for Buildings’, organized by Kamaraj College of Engineering and Technology, in Oct 2020.
- Webinar on ‘Artificial Intelligence and its applications’, organized by Shri Venkateshwara University, in Oct 2020.
- Webinar on ‘Repair, Rehabilitation and Retrofitting of RCC Structures’, organized by Government Engineering College, Surat, in Oct 2020.
- Webinar on ‘Modern Materials and Methods in Building Construction - Dry Walls, Ceilings’, organized by Kamaraj College of Engineering & Technology, in Oct 2020.

- Webinar on 'Pains in Concrete and Remedial Measures with the Application of NDT', organized by Sri Ranganathar Institute of Engineering and Technology, in Oct 2020.
- Webinar on 'Compatibility Analysis and Touchdown at NUS: Things to Know', organized by ACE, Dept. of Civil Engineering, SSNCE, in Oct 2020.
- Webinar on 'Liquefaction - case studies and remedial measures', organized by Hindustan College of Engineering and Technology, Coimbatore, in Oct 2020.
- Webinar on 'Responsibilities of Stakeholders of Earthquake', organized by Qcrete Readymix (India) Pvt. Ltd., in Nov 2020.
- Webinar on 'Application of Constructed Wetlands in Phytoremediation of Wastewater', organized by SSNCE ICE (UK) Student Chapter, in Nov 2020.
- Webinar on 'Career Probes for Civil Engineers, organized by the Association of Civil Engineers, in Nov 2020.
- Webinar on 'Intellectual Property Rights, Start-up & Innovations', organized by Hindusthan College of Engineering and Technology in Nov 2020.
- Webinar on 'Intellectual Property Rights and patent process', organized by Hindusthan College of Engineering and Technology in Nov 2020.
- Webinar on 'Seaweed to biofuel- A novel approach', organized by PET Engineering College, in Nov 2020.
- Webinar on 'Application of Artificial Intelligence to Prediction of Properties of Concrete', organized by Ultra Tech Cement Ltd. and ICI Chennai, in Nov 2020.
- Webinar on 'Pavement Management Systems', organized by Ultra Tech Cement Ltd. And ICI Uttarakhand, in Nov 2020.
- Webinar on 'Introduction to Transportation Engineering', organized by PET Engineering College, in Nov 2020.
- Webinar on 'IQAC - Roles and Responsibilities', organized by ISDE Academy India Pvt. Ltd., in Nov 2020.
- Webinar on 'Application of NDT in Structure Evaluation', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Fundamentals of Concrete Roads for Sustainable Development', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Application of Value Engineering in Foundation Design', organized by Qcrete Readymix India Pvt. Ltd., in Dec 2020.
- Webinar on 'Fundamentals of Concrete Roads for Sustainable Development', organized by Ultra Tech Cement Limited, in Dec 2020.

- Webinar on 'Impact of climate change on water resource engineering', organized by Government Engineering College, Surat, in Dec 2020.
- Webinar on 'Sustainable use of alternative aggregates in construction', organized by Ultra Tech Cement Limited, in Dec 2020.
- Webinar on 'Emerging technologies in construction industry', conducted by Dr. N.G.P. Institute of Technology, in Dec 2020.
- Webinar on 'Durability of Structural Concrete', organized by Ultra Tech Cement Limited, in Dec 2020.

Failure of Tacoma Narrows Bridge

July 1st 1940 - November 7th 1940

 Second Longest Suspension Bridge in America At it's time of construction, it was the second longest suspension bridge in America. 1. Golden Gate Bridge - 2,737 m 2. Tacoma Narrows Bridge - 1,810.2 m 3. George Washington Bridge - 1,451m	 The Collapse The bridge collapsed on November 7th of 1940, just 4 months after it opened. The bridge swayed like waves in water, giving it the nickname Galloping Gertie. The design flaws of the structure made a mere 40kmh winds collapse.
 Location The Tacoma Narrows Bridge attached the city of Tacoma to the Kitsap Peninsula. The water body underneath the bridge is Tacoma Narrows Strait, a part of Puget Sound.  Location in Washington State	 Impact on People & the Environment The only life lost by this collapse was tubby the 3 legged dog. He was left in a car on the bridge by his owners. The ruins underneath the new bridge provide a hiding place for giant pacific octopuses.
 Flaws The bridge had many flaws, such as being designed without the consideration of wind, the bridge was too light and narrow and small girders with huge sails.	 Lessons Learned In the 1800s, people learned a lot about bridges, like how wind can affect them, but in the early 1900s, people seemed to completely forget about that. After the collapse, people began to realise that wind really DOES have an impact on bridges. Over the course of the last 60 years since Galloping Gertie failed, bridge engineers have created suspension bridges that are aerodynamically streamlined, or stiffened against torsional motion, or both.

ANNA UNIVERSITY RANK HOLDERS

**Manjula R, 3rd Rank**

Manjula, in addition to excelling in academics, is an International Rated Chess Player with many remarkable National and International achievements. She is an artist too! Here she shares her journey at SSN and doles valuable advice to the juniors.

Given the remarkable standards displayed by SSN College, it comes without doubt why I aspired to pursue an engineering degree from here.

Now, Let's walk through my success journey!



I started focusing on my studies to secure highest percentage from my first semester. Our Professors are very approachable at all the time to clarify my doubts and this helped me to secure top GPA from my first semester. Provision of an in-campus library with a wide gamut of relevant books and journals available for further reading was an added advantage.

I started preparing for the Unit tests and aimed to cover at least 80% of UT portions so that I need not stress myself during the end semester exam. I utilized my study holidays effectively before the semester exams. I managed to get GPA of around 9.4 in my 1st semester which made me the top ranker in my class. This motivated me to retain my position and always stay a topper in my class.

During my 1st year I came to know about SSN Scholarship day where top rank students of all departments were given awards and also Sports and various other scholarships were given. I pursued my studies under Merit scholarship for the next 3 consecutive years (2017 to 2020).

Further moving on, I intended to get scholarship in both Sports and Merit in the Scholarship day for the academic year 2018-19. Accordingly, I focused on my studies and

Chess (which is my favorite game from my childhood). I participated in All India Chess Tournament and South Zone (2017) during my exam preparatory holidays and even I had to skip one semester exam (this was covered under sports exemption). I managed to get good grades in this paper along with next semester papers. It was a bit challenging period. Ultimately, I succeeded getting both Scholarships during 2018-19 Scholarship Day with complete support from our staff. In this way, I continued to perform consistently and now I have secured University 3rd Rank.

Also, I did few Internships in leading construction companies. As a Sports fanatic, apart from Chess tournaments, I have participated and received medals in other sports like Cricket, Carrom, Table Tennis, Volleyball events. As a passionate artist, in my leisure time I did art work and paintings. This helped me to relax and focus on my studies.

She is currently pursuing her M.E. (Remote Sensing and Geomatics) at CEG, Anna University.



Mural by Manjula

Key to Success:

1. Time management - You will have a lot of time for doing everything. Make use of the time judiciously. So, never say "I don't have time"!
2. Effective utilization of semester study holidays.
3. Effective utilization of our Staff.
4. Try to cover at least 80% of Unit Test syllabus to avoid last minute burden during end semester. Make use of our Professors, they are available to support round the clock.
5. All are unique and don't compare yourself with others and compete only with yourself. Try to improve your GPA with your own previous semester's.
6. Try to participate in extra-curricular activities & sports as much as possible which will provide you more confidence while studying. This will enable you to 'think out of box and work smartly.

Deveshwar K, 8th Rank

First of all, I would like to thank the almighty, parents, all the teaching and non-teaching staffs and my friends for their constant support. I honestly never thought of securing a university rank. All our Professors helped me clarifying all my doubts even after class hours and they were supportive throughout. I make sure I never miss any deadline for submitting assignments and prepare genuinely even for UTs. I focus on getting to know the concepts



rather than mugging up while preparing for exams. I always make a summary note of whatever I study. There were occasions when I felt low as if things were not going as they were meant to be, but there was no other go but to push myself. I am elated that everything paid off. I am always grateful to everyone who believed and made me achieve.

He got placed as GET at Technip FMC.

Bijivemula Sruthi Reddy, 18th Rank

I thank all the faculty members of the Civil Engineering department, SSNCE, fellow students, and friends for their guidance and moral support, which was my dynamo and moving power throughout my journey at SSN, and for my achievements at SSN. My chief motive to start at SSN is to make a better version of me in all aspects. I always believe that “Rome wasn’t built in a day,” so I uses to take out small time of the day (45 minutes) after classes to construct my subject skills. Our faculty from the department with rewarding experience and



endurance, and the library of our college, are a treasure of knowledge that helped me to get the best out of me in my academic performance. The environment of our campus and department always supported in my advancement and overall growth.

She secured placement as GET at Wood.

Hema Naga Sri Pushpa Swetha, 23rd Rank

It is a pleasure and honour to be one of the rank holders. I am grateful to have such awesome faculty in our department. Their guidance and moral support have been the driving force which helped me perform well. Their practical method of teaching helped me a lot to understand the concepts well. I thank my college and all my faculty for making this possible. And I thank my faculties for believing in me and making me believe in myself too.



She secured placement with ACC Ready Mix Concrete.

IGBC AP-ASSOCIATE CERTIFICATION



Two of our final year students, Janani J and Vinothni S N cleared the Indian Green Building Council's Accredited Professional certification exam. The course and subsequent exam

- 1. Gives you good knowledge of sustainability in the built environment along with basic understanding of the LEED India rating system.*
- 2. As a consultant, you will be able to guide your client about benefits of Green buildings.*
- 3. Gives you the additional benefit of being connected to a professional body.*
- 4. Enhances CV with a credential of being an accredited professional.*

Janani writes her experience on taking the IGBC AP certification exam.

During the month of September 2020, I came across a very interesting certification examination organized by Indian Green Building Council (IGBC) called the IGBC Accredited Professional. On browsing through the website of IGBC, an online certification course on 'Green Built Environment' caught my eye. The course contents intrigued me and I immediately enrolled into it.



The course started on 21st September 2020 and was from Monday to Friday for two weeks. The course covered in detail various topics like Introduction to Green Buildings & Green Built Environment, Sustainable Sites, Water Management in Project Site, Energy Efficiency in Buildings, Sustainable Building Materials, Indoor Environment Quality, Health and Well Being of Occupants, Various case studies on IGBC rated buildings. Everyday, we were also given simple yet highly knowledge gaining assignments to complete like Energy Performance Index (EPI) calculations, measures to reduce heat island effect, measures to make our homes healthy, hygienic and well sanitised to main indoor air quality, Lighting Power Density (LPD) calculations, measures for rainwater harvesting from roof and non-roof surfaces. These assignments gave us a clear idea and understanding about the



concepts taught every day and were of great aid in preparing for the IGBC certification examination.

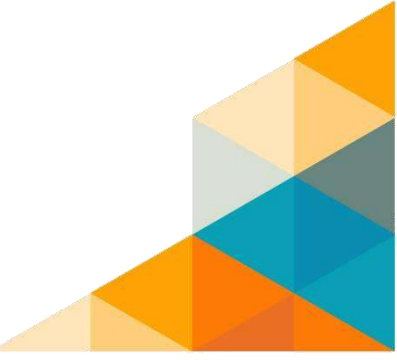
We were given a month to prepare for the examination held on 7th November 2020. During this one month the materials given by IGBC during the certification course proved to be extremely useful for my preparation. Besides this, I had also referred to the IGBC Green New Buildings Rating System Version 3.0 which covered various aspects of the examination and conditions to be followed while a building is given rating by IGBC. Also practicing some mock tests gave me the real feel of the exam before attempting it and helped me channelize my preparation in the right direction.

The examination consists of 110 questions in multiple-choice format, with each question carrying one mark. The duration of the exam is 90 minutes and the pass percentage is 75%. There are 4 sections in total namely,

- Section I: Green Building Design & Construction
- Section II: Building Standards & Codes
- Section III: IGBC Resources & Processes
- Section IV: Green Design Strategies & Impacts

I successfully passed the examination and gained the IGBC Accredited Professional – Associate certification. I sincerely thank IGBC and our department for all the support, encouragement and guidance provided to me.

“We don’t have to engage in grand, heroic actions to participate in change. Small acts, when multiplied by millions of people, can transform the world.” said Howard Zinn, an American historian, playwright, philosopher and socialist thinker. I consider this certification as a small step towards my contribution to sustainability. I sincerely hope that every single one of us can do our bit to contribute towards a sustainable and green future.

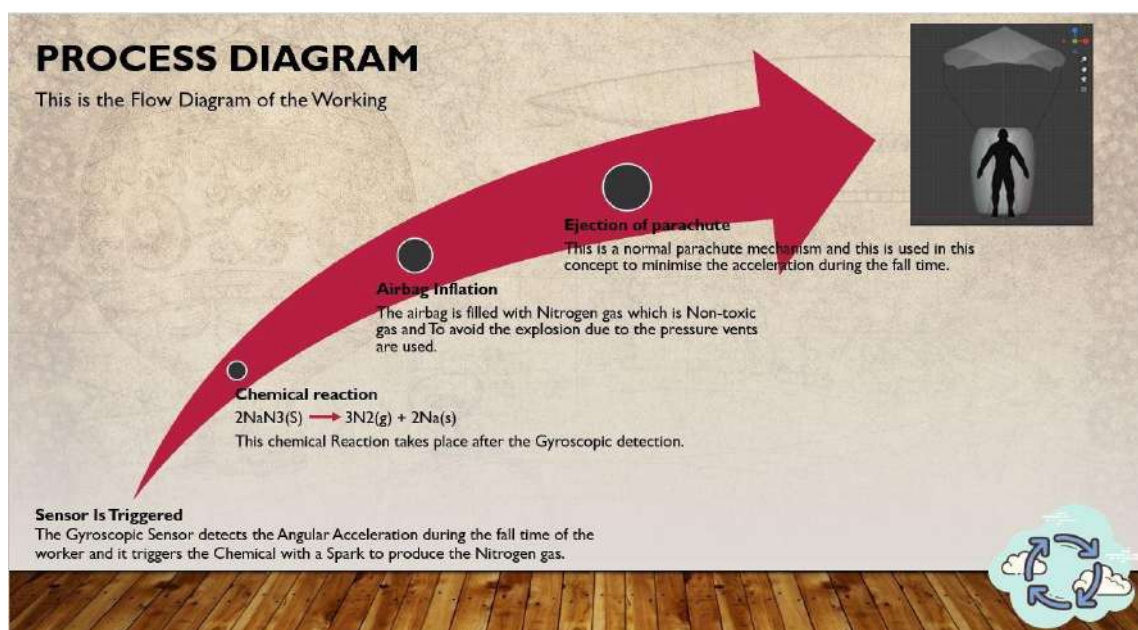


CO-CURRICULAR ACTIVITIES



Bentley Digital Infrastructure Challenge

Sushritha G (B.E. Civil 2017-21) has participated in the International level competition 'Digital Infrastructure Challenge' conducted by Bentley Systems India from April to July 2020. The competition was about defining challenges faced by the infrastructure industry now or in the near future and present ideas for meeting these challenges. Sushritha's team of two (other member from outside the institution), took up the topic of Safety in Construction Industry. With the rapid development of the urban economy, land resources are reduced year by year and high-rise building is booming as a time-transcending product. High-rise building functions are more and more complex. So, the safety situation is very urgent and it is a difficult problem for the whole society. They have proposed a safety suit for construction workers in high rise buildings, consisting of airbag and parachute deployment system.



The shell of the suit is proposed to be made of recycled plastic bottles for making it eco-friendly. A gyroscopic sensor is used that detects the acceleration during the fall time and triggers the spark for the chemical reaction which inflates the Airbag by filling the Nitrogen gas.

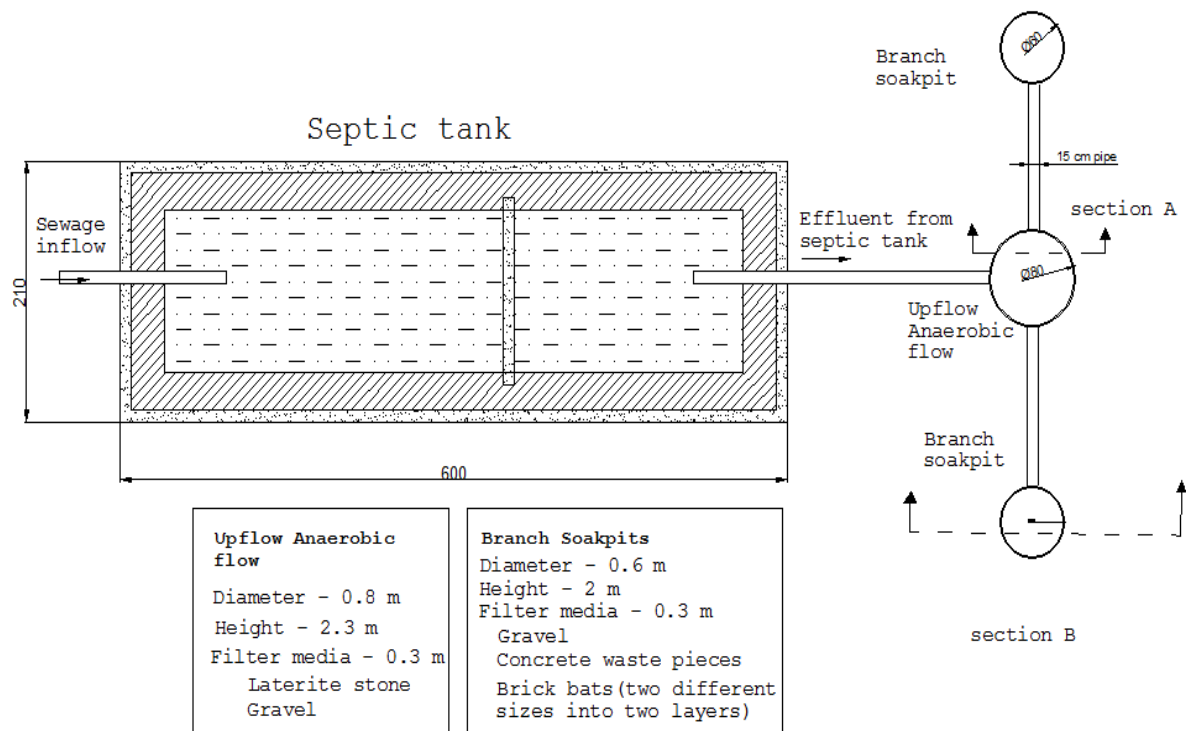


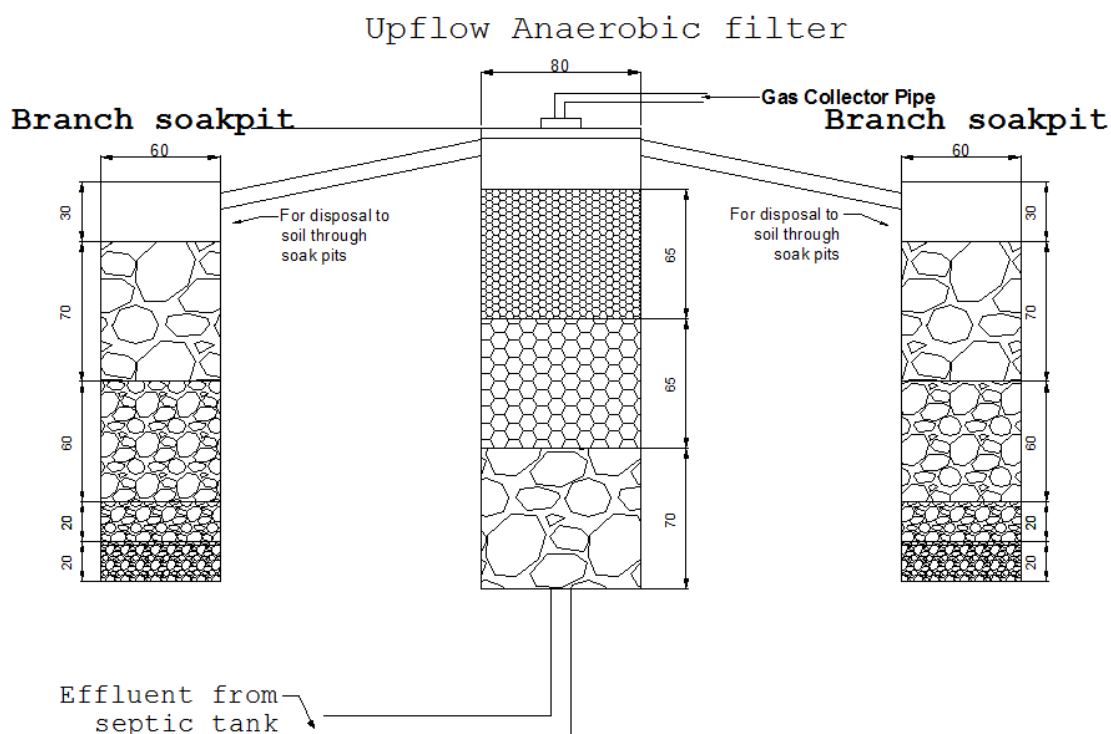
Sushritha G, Nandhini S, Lakshmi Priya R, Bargavi A and Shalini Devi M (B.E. Civil, 2017-21) have participated in the ‘Circular Innovation Jam – 2020’, a start-up incubation contest promoting waste management and recycling in South/Southeast Asia from 19th to 23rd July 2020. The topic chosen by the team was an alternative for plastic packaging. Their solution consisted of using coconut leaves knitted basket with banana leaf as cover and coconut shells as alternative for plastic cups. The benefits of this solution are eco-friendliness, higher farmer income, development of small-scale business option, non-toxic food for customers. The product is aimed at food and hospitality industry especially hotels and restaurants that deliver food, canteens of schools, colleges and IT companies. Expected outcome of the solution include attractive and innovative packaging, cost effective, environment friendly, product demand will increase coconut plantations and hence, greenery, and finally, the product will boost the farmer’s standards of living.

Build-O-Innovate

A team of 5 members viz. Sujitha Shrini G (4th year), Anne Sherin A (4th year), Prabhakaran P (3rd year), Rajkumar P (3rd year), Nithya Lakshmi J (3rd year) from Department of Civil Engineering, SSN College of Engineering participated in Build O Innovate, an idea-based competition organized by Association of Civil Engineers of IIT, Patna in collaboration with District Administration of Bhojpur (Bihar). They participated in the topic “Low-Cost Soak Pit Design” under the guidance of Dr. Srinath Rajagopalan under the name SSN CIVIL GEEKS with the Team ID D070. They designed their soak pit with sustainable materials and sustainable design methodology for achieving cost economy which was less than the cost of conventional soak pit of Tamil Nadu Rural development and Panchayat Raj Department. This fetched the team, the first prize under the Soak pit problem category. The organizing committee have decided to share the team’s idea with the district administration of Bhojpur and if approved, they will have the chance of implementing their idea in a real time project.

Soak pit - Plan View





Inter-collegiate Technical Model Exhibition-cum Competition

A team of 3 members viz. Prabhakaran P (3rd year), Rajkumar P (3rd year), Nithya Lakshmi J (3rd year) from Department of Civil Engineering, SSN College of Engineering participated in an Inter-collegiate Technical Model Exhibition-cum Competition, organized by Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, conducted on 15th October 2020. They submitted an innovative soak pit design and among 10 submissions, won the second prize for their design.

Ahalya S (B.E. Civil 2016-20) successfully completed the online, non-credit Specialization on Engineering Project Management consisting of three individual courses: Engineering Project Management: Initiating and Planning; Engineering Project Management: Scope, Time and Cost Management; Engineering Project Management: Risk, Quality, Teams, and Procurement offered by Rice University through Coursera

Aparna P Vijay (B.E. Civil 2016-20) successfully completed the online course 'Engineering Project Management: Initiating and Planning' offered by Rice University, on 19th July 2020 through Coursera.

Deveshwar K (B.E. Civil 2016-20) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Deveshwar K (B.E. Civil 2016-20) successfully completed the online course 'Oil and Gas Industry Operations and Markets' offered by Duke University, on 9th July 2020 through Coursera.

Gokul Krishna J (B.E. Civil 2016-20) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Gokul Krishna J (B.E. Civil 2016-20) was adjudged as the Finalist in the 1st Edition of Virtual National Level Debate Competition organised by Alliance for Cause on 5th July, 2020.

Hema Naga Sri Pushpa Swetha T (B.E. Civil 2016-20) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Hema Naga Sri Pushpa Swetha T (B.E. Civil 2016-20) participated in the online training programme on Progress Reporting on 10th July 2020, organized by Siddhartha Institute of Technology, Tumkur and Construction Management Training Institute, Bengaluru.

Hema Naga Sri Pushpa Swetha T (B.E. Civil 2016-20) participated in the online Quiz program in 'Structural Analysis', on 16th July, organized by the Department of Civil Engineering, Ramaiah University of Applied Sciences, Bengaluru.

Naveen Kumar V (B.E. Civil 2016-20) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Nithish C N A (B.E. Civil 2016-20) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Nithish C N A (B.E. Civil 2016-20) completed the Structural and Foundation Analysis using ETABS - Project based online course organized by SkyFi Labs on 30th Jun 2020.

Ramasamy S M (B.E. Civil 2016-20) successfully completed the online courses Engineering Project Management: Scope, Time and Cost Management and Engineering Project Management: Risk, Quality, Teams, and Procurement offered by Rice University through Coursera.

Sabarish S (B.E. Civil 2016-20) completed the course 'AI for Everyone offered by Deeplearning.ai on 22nd July 2020 through Coursera.

Swarna Varshini D (B.E. Civil 2016-20) successfully completed the online course 'Engineering Project Management: Risk, Quality, Teams, and Procurement' offered by Rice University, on 29th July 2020 through Coursera.

Sweatha S (B.E. Civil 2016-20) successfully completed the online, non-credit Specialization on Engineering Project Management consisting of three individual courses: Engineering Project Management: Initiating and Planning; Engineering Project Management: Scope, Time and Cost

Management; Engineering Project Management: Risk, Quality, Teams, and Procurement offered by Rice University through Coursera.

Sweatha S (B.E. Civil 2016-20) successfully completed the online course 'Excel Skills for Business – Advanced' offered by Macquarie University, on 23rd June 2020 through Coursera.

Sweatha S (B.E. Civil 2016-20) completed the 5-week online course offered by TCS Ion-Digital Learning Hub, 'Career edge-knockdown the lockdown'.

Anne Sherin A (B.E. Civil 2017-2021) attended the one week workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Anne Sherin A (B.E. Civil 2017-2021) attended the webinar on 'Advancements & Opportunities in Revit Structure & MEP', conducted by Easweri Engineering College, on 6th July 2020.

Anne Sherin A (B.E. Civil 2017-2021) attended the webinar on 'Building Analysis and Design by ETABS', conducted by Easweri Engineering College, on 14th July 2020.

Anne Sherin A (B.E. Civil 2017-2021) attended the webinar on 'Sustainable Building Materials & Products for Green Building', conducted by Easweri Engineering College, on 8th July 2020.

David Arunraj B (B.E. Civil 2017-21) attended the webinar on 'Building Information Modelling', on 20th July 2020, conducted by Aalim Muhammed Salegh College of Engineering.

David Arunraj B (B.E. Civil 2017-21) participated in the contest 'Bridge the pictures', conducted by Easwari Engineering College, on 21st July 2020..

Janani J (B.E. Civil 2017-21) attended the one week workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Anne Sherin A (B.E. Civil 2017-2021) attended the workshop on '3D Modelling using Google Sketchup' from 6th to 10th July 2020, organized by St. Mother Theresa Engineering College.

Anne Sherin A (B.E. Civil 2017-2021) successfully completed the course on 'Excel for Beginners', through Udemy, on 17th July 2020.

Anne Sherin A (B.E. Civil 2017-2021) was selected to participate in a virtual internship programme on STAAD.Pro offered by Nalla Malla Reddy Engineering College, from 20th to 30th July 2020.

Arulselvan S M (B.E. Civil 2017-21) successfully completed the course on 'Successful Negotiation: Essential Strategies and Skills', offered by University of Michigan, through Coursera.

David Arunraj B (B.E. Civil 2017-21) attended the one week workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

David Arunraj B (B.E. Civil 2017-21) attended the webinar on 'Career Opportunities in Civil Services', on 19th July 2020, conducted by Peri Institute of Technology.

David Arunraj B (B.E. Civil 2017-21) attended the webinar on 'Pavement materials quality and testing', on 3rd July 2020, conducted by Pallavi Engineering College.

David Arunraj B (B.E. Civil 2017-21) participated in the online quiz on 'Basic Civil Engineering' by AVC College.

Deenadayalan G (B.E. Civil 2017-21) participated in the online Business Quiz organised by the Department of Management Studies, Rajalakshmi Engineering College, on 26th June 2020.

Deenadayalan G (B.E. Civil 2017-21) participated in the online quiz on 'Environmental engineering and pollution control' organized by A.M.K Technological Polytechnic College, on 27th June 2020.

Dhinakaran M (B.E. Civil 2017-21) participated in the online quiz on 'Soil Mechanics' organised by the Department of Civil Engineering, Tegala Krishna Reddy Engineering College, on 4th July 2020.

Gunalan S (B.E. Civil 2017-21) participated in the online quiz on ‘Strength of Materials’, organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 3rd to 5th July 2020.

Harika Madireddy (B.E. Civil 2017-21) attended the one week workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Hariraj M J (B.E. Civil 2017-21) attended the one week workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Hariraj M J (B.E. Civil 2017-21) has successfully completed the course on ‘Fundamentals of Project planning & Management’, offered by the University of Virginia, on 28th July 2020, through Coursera.

Hariraj M J (B.E. Civil 2017-21) has successfully completed the course on ‘Renewable Energy & Green Building Entrepreneurship’, offered by Duke University, through Coursera.

Hariraj M J (B.E. Civil 2017-21) completed the virtual internship offered by John Holland through InsideSherpa. He has completed practical task modules in concrete takeoff, testing and commissioning, subcontract rates comparison, design and installation, etc.

Hariraj M J (B.E. Civil 2017-21) participated in online quiz on 'Soil Mechanics' organised by Meenakshi College of Engineering on 9th July 2020.

Hariraj M J (B.E. Civil 2017-21) participated in the online quiz on ‘Soil Mechanics’ organised by the Department of Civil Engineering, Tegala Krishna Reddy Engineering College, on 4th July 2020.

Hariraj M J (B.E. Civil 2017-21) participated in the online quiz on ‘Strength of Materials’, organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 3rd to 5th July 2020.

Hariraj M J (B.E. Civil 2017-21) participated in the online quiz on ‘Transportation: Test drive your knowledge’, conducted by REVA University, Bengaluru, held between 22nd and 29th July 2020.

Hariraj M J (B.E. Civil 2017-21) participated in online quizzes conducted by Visvesvaraya College of Engineering and Technology, Vishnu Institute of Technology, Akshaya College of Engineering and Technology, Girijabai Sai Institute of Technology and Meenakshi College of Engineering.

Janani J (B.E. Civil 2017-21) has successfully completed the course on ‘Six Sigma Principles’, offered by the University System of Georgia, through Coursera.

Janani J (B.E. Civil 2017-21) has successfully completed the course on ‘Project Management Principles and Practices’, offered by University of California Irvine, through Coursera

Krishna Priya S (B.E. Civil 2017-21) participated in the online quiz on ‘Concrete Technology’, conducted by St. Joseph Engineering College, Mangaluru, on 9th July 2020.

Krishna Priya S (B.E. Civil 2017-21) was selected to participate in a virtual internship programme on STAAD.Pro offered by Nalla Malla Reddy Engineering College, from 20th to 30th July 2020.

Lakshmipriya R (B.E. Civil 2017-21) was selected to participate in a virtual internship programme on STAAD.Pro offered by Nalla Malla Reddy Engineering College, from 20th to 30th July 2020.

Lakshmipriya R (B.E. Civil 2017-21) participated in ‘Crack-it’, conducted by the Department of Civil Engineering, KPR Institute of Engineering and Technology, on 22nd and 23rd July 2020.

Madan Kumar PD (B.E. Civil 2017-21) has successfully completed ‘Civil 3D for Beginners: Level 1’, on 19th July 2020, through www.infratech.com.

Madan Kumar PD (B.E. Civil 2017-21) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Madan Kumar PD (B.E. Civil 2017-21) was selected to participate in a virtual internship programme on STAAD.Pro offered by Nalla Malla Reddy Engineering College, from 20th to 30th July 2020.

Madan Kumar PD (B.E. Civil 2017-21) has successfully completed the online course on 'SIG Workshop: Modelling of Concrete Building Structures 1', offered by Bentley Institute on 23rd July 2020.

Madan Kumar PD (B.E. Civil 2017-21) attended the webinar on '3D Printing in Concrete Construction', conducted by Ultratech Cements, on 12th July 2020.

Madan Kumar PD (B.E. Civil 2017-21) completed the virtual internship offered by John Holland on 7th July 2020 through InsideSherpa. He has completed practical task modules in concrete takeoff, testing and commissioning, subcontract rates comparison, design and installation, etc.

Madan Kumar PD (B.E. Civil 2017-21) successfully completed the course on 'Specifying Sustainable Concrete', offered by National Ready Mix Concrete Association (NRMCA), on 14th July 2020.

Madan Kumar PD (B.E. Civil 2017-21) successfully completed the course on 'Concrete Innovations', offered by National Ready Mix Concrete Association (NRMCA), on 12th July 2020

Madan Kumar PD (B.E. Civil 2017-21) successfully completed the course on 'Budgeting and Scheduling of Projects', offered by University of California Irvine, through Coursera, on 4th July 2020.

Modhagapriyan (B.E. Civil 2017-2021) participated in the online quiz on 'Fundamentals of Civil Engineering', conducted by Sakthi Polytechnic College, on 15th July 2020.

Monika P (B.E. Civil 2017-2021) attended the webinar on 'Aluminium formwork - A boon or bane', conducted by Construction Management Training Institute, on 29th July 2020.

Monika P (B.E. Civil 2017-2021) attended the webinar on 'Digital construction 4.0', conducted by Construction Management Training Institute, on 27th July 2020.

Monika P (B.E. Civil 2017-2021) attended the webinar on 'IoT applications in Construction Industry', organized by Saveetha School of Engineering, on 4th July 2020.

Monika P (B.E. Civil 2017-2021) attended the webinar on 'Traffic and transportation modelling', organized by Bundelkhand Institute of Engineering and Technology, on 13th July 2020.

Monika P (B.E. Civil 2017-2021) attended the webinars on 'Construction machinery for highway construction' and 'Pile foundation in metro construction', conducted by Construction Management Training Institute, on 24th July 2020.

Priyadarshni Varma U M (B.E. Civil 2017-21) completed the virtual internship offered by John Holland on 21st July 2020 through InsideSherpa. She has completed practical task modules in concrete takeoff, testing and commissioning, subcontract rates comparison, design and installation, etc.

Rebekah Rubidha Lisha R (B.E. Civil 2017-21) successfully completed the online course on 'STAAD.Pro: For complete beginners [From zero to hero]' through Udemy on 11th July 2020.

Rebekah Rubidha Lisha R (B.E. Civil 2017-21) completed the virtual internship offered by John Holland on 21st July 2020 through InsideSherpa. She has completed practical task modules in concrete takeoff, testing and commissioning, subcontract rates comparison, design and installation, etc.

Rebekah Rubidha Lisha R (B.E. Civil 2017-21) participated in the online quiz on 'Soil Mechanics' organised by the Department of Civil Engineering, Tegala Krishna Reddy Engineering College, on 4th July 2020.

Shalini Devi M (B.E. Civil 2017-21) attended the webinar on 'BIS Codes for Building Materials', organized by Vidhyavardaka College of Engineering, Mysuru on 20th July 2020.

Shalini Devi M (B.E. Civil 2017-21) attended the webinar on 'BIS Codes for RC Structures', organized by Vidhyavardaka College of Engineering, Mysuru on 21st July 2020.

Shalini Devi M (B.E. Civil 2017-21) participated in 'Coder's Realm 1.0' conducted by i2i skills on 19th July 2020.

Shyam Kiran I N (B.E. Civil 2017-21) successfully completed the online course on 'Fundamentals of Project Planning and Management', on 15th July 2020, through Coursera.

Shyam Kiran I N (B.E. Civil 2017-21) successfully completed the online course on 'Renewable Energy and Green Building Entrepreneurship', on 17th July 2020, through Coursera.

Shyam Kiran I N (B.E. Civil 2017-21) attended the webinar on 'Procurement Management' conducted by the Department of Civil Engineering, SSNCE, on 5th July 2020.

Sujitha Shrini G (B.E. Civil 2017-21) successfully completed the online course on 'Build Your Professional ePortfolio in English', offered by Georgia Institute of Technology through Coursera on 19th July 2020.

Sujitha Shrini G (B.E. Civil 2017-21) was selected to participate in a virtual internship programme on STAAD.Pro offered by Nalla Malla Reddy Engineering College, from 20th to 30th July 2020.

Sujitha Shrini G (B.E. Civil 2017-21) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Sujitha Shrini G (B.E. Civil 2017-21) participated in the online quiz on 'Geopolymer Concrete', organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Sushritha G (B.E. Civil 2017-21) has successfully completed 'Civil 3D for Beginners: Level 1', on 23rd July 2020, through www.infratech.com.

Sushritha G (B.E. Civil 2017-21) has successfully completed the usRAP course-A proactive approach to data driven safety analysis and planning

Sushritha G (B.E. Civil 2017-21) was selected to participate in a virtual internship programme on STAAD.Pro offered by Nalla Malla Reddy Engineering College, from 20th to 30th July 2020.

Hariraj (B.E. Civil 2017-21) has participated in the online quiz on 'Strength of Materials' conducted by Vishnu Institute of Technology, Kakinada on 25th July 2020.

Sushritha G (B.E. Civil 2017-21) has participated in the 'Digital Infrastructure Challenge' conducted by Bentley Systems from April to July 2020 (results are yet to be declared).

Hariraj (B.E. Civil 2017-21) has participated in the online quiz on 'Concrete Technology and Design' conducted by Girija Bai Sai Institute of Technology, Karnataka on 25th July 2020.

Vaishnavi M (B.E. Civil 2017-21) participated in the online quiz on 'Strength of Materials', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 3rd to 5th July 2020.

Vaishnavi M (B.E. Civil 2017-21) participated in the online quiz on 'Soil Mechanics' organised by the Department of Civil Engineering, Tegala Krishna Reddy Engineering College, on 4th July 2020.

Varshini B (B.E. Civil 2017-21) attended the one week workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Nandhini (B.E. Civil 2017-21) has participated in the 'Circular Innovation Jam – 2020', a start-up incubation contest promoting waste management and recycling in South/Southeast Asia from 19th to 23rd July 2020.

Vinothni S N (B.E. Civil 2017-21) attended the webinar on 'Construction Technologies: New Frontiers in Risk Management' conducted by Society of Construction Law North America Section on 23rd July 2020.

Lakshmi Priya (B.E. Civil 2017-21) has participated in the 'Circular Innovation Jam – 2020', a start-up incubation contest promoting waste management and recycling in South/Southeast Asia from 19th to 23rd July 2020.

Vinothni S N (B.E. Civil 2017-21) attended the webinars on ‘Automating Construction Site’ and ‘Technology Disruption in Construction Industry’ conducted by Pinnacle Infotech on 20th, 23rd and 24th July 2020.

Yuvaraj K (B.E. Civil 2017-2021) attended the webinar on ‘Pile foundation in metro construction’, conducted by Construction Management Training Institute, on 24th July 2020.

Charumathi V (B.E. Civil 2018-22) participated in the online quiz on ‘Soil Mechanics and Foundation Engineering’, organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 9th to 11th July 2020.

Charumathi V (B.E. Civil 2018-22) participated in the online quiz on ‘Strength of Materials’, organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 3rd to 5th July 2020.

Charumathi V (B.E. Civil 2018-22) participated in the online quiz on ‘Awareness on Nourishment’, organized by Department of Civil Engineering & Physical Education, Easwari Engineering College, Chennai, during 1st to 3rd July 2020.

Charumathi V (B.E. Civil 2018-22) participated in the online quiz on ‘Kargil Vijay Diwas’, conducted by Government of India between 23rd and 27th July, 2020.

Charumathi V (B.E. Civil 2018-22) attended the webinar on ‘Smart Cities for Sustainable Development’, organized by Sri Ramakrishna Engineering College, on 1st July 2020.

Deepika B (B.E. Civil 2018-22) participated in the online quiz on ‘Geopolymer Concrete’, organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Deepika B (B.E. Civil 2018-22) participated in the online quiz on ‘6 Years of MyGov’ conducted by the Govt. of India.

Deepika B (B.E. Civil 2018-22) participated in the online quiz on ‘UMANG App Quiz Expert’ conducted by the Govt. of India.

Deepika B (B.E. Civil 2018-22) participated in the online quiz on ‘Insolvency and Bankruptcy’ conducted by the Govt. of India.

Deepika B (B.E. Civil 2018-22) participated in the online quiz on ‘Do you know your census?’ conducted by the Govt. of India.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz on ‘Transportation: Test drive your knowledge’, conducted by REVA University, Bengaluru, held between 22nd and 29th July 2020.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz on ‘Water Resources Engineering’, organized by the Department of Civil Engineering, Dr. J.J. Magdum College of Engineering, Maharashtra, on 24th June 2020.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz on ‘Strength of Materials’, organized by the Department of Civil Engineering, ATME College of Engineering, Mysuru, on 25th June 2020.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz on ‘Awareness on Nourishment’, organized by Department of Civil Engineering & Physical Education, Easwari Engineering College, Chennai, during 1st to 3rd July 2020.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz on ‘Mechanics of Materials’, organized by the Department of Civil Engineering, KSRMCE, Kadapa, on 6th July 2020.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz on ‘Geotechnical Engineering’, organized by the Department of Civil Engineering, ATME College of Engineering, Mysuru held, from 14th to 16th July 2020.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz on ‘Plastic Waste Management’, organized by the Department of Civil Engineering, KSRMCE, Kadapa, on 21st July 2020.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz on 'Physics Tour', organized by PERI Institute of Technology, on 8th July 2020.

Dinesh Kumar S (B.E. Civil 2018-22) participated in the online quiz series on Civil Engineering, conducted by AIT Bangalore between 22nd and 26th July 2020.

Dinesh Kumar S (B.E. Civil 2018-22) attended the webinar on 'Bar-Bending Schedules', organized by the Construction Management Training Institute, on 29th July 2020.

Grandhe Vishnu Prathap (B.E. Civil 2018-22) attended the one day online workshop on 'Application of Remote Sensing and GIS in Civil Engineering', on 4th July 2020, organized by the Department of Civil Engineering, Dr. BR Ambedkar National Institute of Technology, Jalandhar.

Grandhe Vishnu Prathap (B.E. Civil 2018-22) attended the one week workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Grandhe Vishnu Prathap (B.E. Civil 2018-22) participated in the online quiz on 'Concrete Technology', conducted by St. Joseph Engineering College, Mangaluru, on 9th July 2020.

Grandhe Vishnu Prathap (B.E. Civil 2018-22) attended the webinar on 'Construction machinery for highway construction' on 24th July 2020.

Shalini Devi (B.E. Civil 2017-21) has participated in the 'Circular Innovation Jam – 2020', a start-up incubation contest promoting waste management and recycling in South/Southeast Asia from 19th to 23rd July 2020.

Hari Priya R (B.E. Civil 2018-22) attended the webinar on 'Do's and Don'ts in the Construction Field', organized by Hindustan Polytechnic College, Coimbatore, on 2nd July 2020.

Hari Priya R (B.E. Civil 2018-22) attended the webinar on 'Facade Structures', organized by the Department of Civil Engineering, Sri Ramakrishna Engineering College, Coimbatore on 3rd July 2020.

Hari Priya R (B.E. Civil 2018-22) attended the webinar on 'Use of micromaterials in Concrete', organized by Qcrete Readymix (India) Pvt. Ltd. on 3rd July 2020.

Hari Priya R (B.E. Civil 2018-22) attended the webinar on 'Essence of Rehabilitation of Structure', organized by Peri Institute of Technology, on 5th July 2020.

Sowmya Sri A S (B.E. Civil 2018-22) attended a National Level Quiz on "Geopolymer Concrete", organized by SRM Institute of Science and Technology, Kattankulathur between 6th and 9th July, 2020.

Sushritha (B.E. Civil 2017-21) has participated in the 'Circular Innovation Jam – 2020', a start-up incubation contest promoting waste management and recycling in South/Southeast Asia from 19th to 23rd July 2020.

Hari Priya R (B.E. Civil 2018-22) attended the 'Civil Webinar String I', organized by Peri Institute of Technology, on 6th July 2020.

Hari Priya R (B.E. Civil 2018-22) participated in the online quiz on 'Basic Civil Engineering' organized by the Department of Civil Engineering, Trichy Engineering College, from 3rd to 5th July 2020.

Hari Priya R (B.E. Civil 2018-22) participated in the online quiz on 'Strength of Materials', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 3rd to 5th July 2020.

Hari Priya R (B.E. Civil 2018-22) participated in the online quiz on 'Mechanics of Materials', organized by the Department of Civil Engineering, KSRMCE, Kadapa, on 6th July 2020.

Hari Priya R (B.E. Civil 2018-22) participated in the online quiz on 'Remote Sensing and GIS', organized by the KL Deemed to be University, Guntur, on 9th July 2020.

Mohan Kumar B (B.E. Civil 2018-22) attended the webinar on 'Relaxation techniques for stress management', organized by St. Mary's College, on 28th June 2020.

Mohan Kumar B (B.E. Civil 2018-22) participated in the online quiz on 'Geopolymer Concrete', organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Mohan Kumar B (B.E. Civil 2018-22) participated in the online quiz on 'Insolvency and Bankruptcy' conducted by the Govt. of India.

Mohan Kumar B (B.E. Civil 2018-22) participated in the online quiz on 'Do you know your census?' conducted by the Govt. of India.

Mohan Kumar B (B.E. Civil 2018-22) participated in the online quiz on '6 Years of MyGov' conducted by the Govt. of India.

Narenthiran A (B.E. Civil 2018-22) successfully completed the online course on 'Google Ads' offered by Coursera, on 24th July 2020.

Nithyalakshmi J (B.E. Civil 2018-22) participated in the online quiz on 'Environmental Engineering', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 28th to 30th June 2020.

Nithyalakshmi J (B.E. Civil 2018-22) participated in the online quiz on 'Geopolymer Concrete', organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Rakshitha S (B.E. Civil 2018-22) attended the webinar on 'Relaxation techniques for stress management', organized by St. Mary's College, on 28th June 2020.

Bargavi (B.E. Civil 2017-21) has participated in the 'Circular Innovation Jam – 2020', a start-up incubation contest promoting waste management and recycling in South/Southeast Asia from 19th to 23rd July 2020.

Rakshitha S (B.E. Civil 2018-22) participated in the online quiz on 'Environmental Engineering', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 28th to 30th June 2020.

Rakshitha S (B.E. Civil 2018-22) participated in the online quiz on 'Geopolymer Concrete', organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Rajkumar P (B.E. Civil 2018-22) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Samundeeswari P (B.E. Civil 2018-22) participated in the online quiz on 'Environmental Engineering', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 28th to 30th June 2020.

Samundeeswari P (B.E. Civil 2018-22) participated in the online quiz on 'Geopolymer Concrete', organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Santhiya S (B.E. Civil 2018-22) successfully completed an online course on 'Build your Professional ePortfolio in English', offered by Georgia Institute of Technology, through Coursera.

Santhiya S (B.E. Civil 2018-22) successfully completed an online course on 'A Crash Course in Data Science', offered by Johns Hopkins University, through Coursera.

Santhiya S (B.E. Civil 2018-22) attended the webinar on 'Relaxation techniques for stress management', organized by St. Mary's College, on 28th June 2020.

Santhiya S (B.E. Civil 2018-22) attended the webinar on 'Aqua and terra sensor applications in environmental engineering', organized by Saveetha School of Engineering, on 30th July 2020.

Santhiya S (B.E. Civil 2018-22) participated in the online quiz on 'Water Resources Engineering', organized by the Department of Civil Engineering, Dr. J.J. Magdum College of Engineering, Maharashtra, on 24th June 2020.

Shashankar V (B.E. Civil 2018-22) attended the webinar on 'Facade Structures', organized by the Department of Civil Engineering, Sri Ramakrishna Engineering College, Coimbatore on 3rd July 2020.

Shashankar V (B.E. Civil 2018-22) attended the webinar on 'Green Buildings and Sustainability', organized by the Department of Civil Engineering, Tagore College of Engineering, Chennai on 1st July 2020.

Shashankar V (B.E. Civil 2018-22) participated in the online quiz on 'Kargil Vijay Diwas', conducted by Government of India between 23rd and 27th July, 2020.

Shashankar V (B.E. Civil 2018-22) participated in the online quiz on 'UMANG App Quiz Expert' conducted by the Govt. of India.

Shashankar V (B.E. Civil 2018-22) participated in the online quiz on 'Awareness on Nourishment', organized by Department of Civil Engineering & Physical Education, Easwari Engineering College, Chennai during 1st to 3rd July 2020.

Shashankar V (B.E. Civil 2018-22) participated in the online quiz on 'Soil Mechanics and Foundation Engineering', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 9th to 11th July 2020.

Shashankar V (B.E. Civil 2018-22) participated in the online quiz on 'Strength of Materials', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 3rd to 5th July 2020.

Sheena Grace D (B.E. Civil 2018-22) participated in the online quiz on 'Geopolymer Concrete', organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Sidharath K Shah (B.E. Civil 2018-22) successfully completed the course on 'Successful Negotiation: Essential Strategies and Skills', offered by University of Michigan, through Coursera on 3rd July 2020.

Sidharath K Shah (B.E. Civil 2018-22) successfully completed the course on 'Introduction to Sustainability and Development', offered by Deakin University, through Coursera.

Sidharath K Shah (B.E. Civil 2018-22) attended the webinar on 'Relaxation techniques for stress management', organized by St. Mary's College, on 28th June 2020.

Sidharath K Shah (B.E. Civil 2018-22) attended the workshop on 'Mobile Apps with Kotlin', organized by Coding Blocks, on 22nd July 2020.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on 'Geopolymer Concrete', organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on 'IS:456-2000 Indian Standard Plain and Reinforced Concrete - Code of Practice', organized by Sri Venkateshwara College of Engineering, Bengaluru.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on 'Strength of Materials', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 3rd to 5th July 2020.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on 'Geotechnical Engineering', conducted by Narayanguru College of Engineering, on 10th July 2020.

Charumathi V (B.E. Civil 2018-22) attended the webinar on 'Green Buildings and Sustainability', organized by Tagore Engineering College, on 1st July 2020.

Rakshana S N (B.E. Civil 2019-23) participated in the online quiz on 'Kargil Vijay Diwas', conducted by Government of India between 23rd and 27th July, 2020.

Santhiya S (B.E. Civil 2018-22) successfully completed an online course on 'Write Professional Emails in English', offered by Georgia Institute of Technology, through Coursera.

Santhiya S (B.E. Civil 2018-22) successfully completed an online course on 'Speak English Professionally: In Person Online & On the Phone', offered by Georgia Institute of Technology, through Coursera.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on '6 Years of MyGov' conducted by the Govt. of India.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on 'UMANG App Quiz Expert' conducted by the Govt. of India.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on 'Insolvency and Bankruptcy' conducted by the Govt. of India.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on 'Do you know your census?' conducted by the Govt. of India.

Sidharath K Shah (B.E. Civil 2018-22) participated in the online quiz on 'Kargil Vijay Diwas', conducted by Government of India between 23rd and 27th July, 2020.

Sowmya Sri A S (B.E. Civil 2018-22) attended the KRISAT webinar on 'Sericulture', organized by Krishna College of Agriculture and Technology on 9th July 2020.

Vaageesan U (B.E. Civil 2018-22) attended the one week workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Vidhyaa K (B.E. Civil 2018-22) participated in the online quiz on 'Geopolymer Concrete', organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Chennai, held between 6th and 9th July 2020.

Yuvalatha P (B.E. Civil 2018-22) attended the IIC webinar on 'You can do Social Service – Social Responsibility' organized by Shri Eshwar College of Engineering, Coimbatore, from 23rd to 25th June 2020.

Yuvalatha P (B.E. Civil 2018-22) attended the IIC webinar on 'What is Success?' organized by Shri Eshwar College of Engineering, Coimbatore, from 23rd to 25th June 2020.

Meenaksi V (B.E. Civil 2019-23) attended the International Student Webinar: Career Development with Tom Elam, organized by Institution of Civil Engineers on 7th July 2020.

Naveen Prasath M (B.E. Civil 2019-23) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Sathya Shree T R (B.E. Civil 2019-23) attended the Technical Webinar – International Series –II on 'Emerging Trends in Civil Engineering' organized by the Department of Civil Engineering, Easwari Engineering College, Chennai, from 30th June 2020 to 2nd July 2020

Sonika M (B.E. Civil 2019-23) attended the one week Workshop on STAAD.Pro, from 13th to 18th July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College, Hyderabad.

Sreeharini S T (B.E. Civil 2019-23) participated in the online quiz on 'Kargil Vijay Diwas', conducted by Government of India between 23rd and 27th July, 2020.

Sabarish Selvam (B.E. Civil 2017-21) completed the virtual internship offered by John Holland through InsideSherpa. He has completed practical task modules in concrete takeoff, testing and commissioning, subcontract rates comparison, design and installation, etc.

Sujitha Shrini (B.E. Civil 2017-21) participated in the webinar on 'Procurement Management' organised by IGBC, SSNCE on 5th July 2020.

Sujitha Shrini (B.E. Civil 2017-21) participated in the online quiz on 'Construction Technology & Management' organised by Oxford College of Engineering on 10th July 2020.

Sujitha Shrini (B.E. Civil 2017-21) participated in the online quiz on 'Highway Engineering' organised by Rathinam Technical Campus, Coimbatore on 15th to 19th July 2020.

Sujitha Shrini (B.E. Civil 2017-21) participated in the online quiz on 'Strength of Materials', organized by the Department of Civil Engineering, Meenakshi College of Engineering, Chennai, from 3rd to 5th July 2020.

Sujitha Shrini (B.E. Civil 2017-21) participated in the online quiz organized by the Department of Civil Engineering, Teegal Krishna Reddy Engineering College, Hyderabad, from 5th July 2020.

Dinesh Kumar S (B.E. Civil 2019-23) participated in the online quiz on 'Basic Civil Engineering' organized by the Department of Civil Engineering, Trichy Engineering College, from 3rd to 5th July 2020.

Deenadayalan (B.E. Civil 2017-21) participated in the online quiz organized by the Createch Research Centre on 28th June 2020.

Gokul Krishna J (2016-20) has co-authored the anthology 'Twilight (ISBN: 978-81-946112-8-8)' by BookSquirrel Publication.

Grandhe Vishnu Prathap (2018-22) completed the online course "Beginner's Guide to Interior Design" offered by Le Mark School of Art on 03-08-2020.

C. K. Suma Abhivandya (2018-22) completed the online course "AI for Everyone" offered by deeplearning.ai and Stanford University through Coursera on 03-08-2020.

Deepika B (2018-22) completed the online course "Python for Beginners – Basic to Advanced" in Udemy on 16-08-2020.

Deepika B (2018-22) completed the online course "Advanced Python 3" in Udemy on 16-08-2020.

Ashwin Kumar K T (2019-23) completed the online course "Mechanics of Materials III: Beam Bending" offered by Georgia Institute of Technology through Coursera on 16-08-2020.

Ashwin Kumar K T (2019-23) completed the online course "Renewable Energy and Green Building Entrepreneurship" offered by Duke University through Coursera on 14-08-2020.

Vikram P G (2018-22) completed the online training on "Autocad" offered by Internshala training on 28-08-2020. He scored a perfect 100% in the final assessment and was certified as a top performer in the training.

Sujitha Shrini G (2017-21) completed the online course "Programming Fundamentals" offered by Duke University through Coursera on 14-08-2020.

Gunalan S (2017-21) attended the online training programme on "Drones in Construction" organized by Prayojana Construction Management Training Institute from 5th to 7th Aug 2020.

Hema Naga Sri Pushpa Swetha T (2016-20) completed the online specialization "Engineering Project Management" consisting of three courses - Engineering Project Management: Initiating and Planning Engineering Project Management: Scope, Time and Cost Management Engineering Project Management: Risk, Quality, Teams, and Procurement offered by Rice University through Coursera on 26-08-2020.

Vinothni S N (2017-21) has completed the online course "Construction Economics" organized by IET (Kochi) and Construction Philosophy Magazine from 10th to 21st Aug 2020.

J Gokul Krishna (2016-20) completed the online course "Major Engineering Project Performance" offered by University of Leeds through Coursera on 25-08-2020.

Rajkumar (2018-22) attended the one week workshop on STAAD Pro organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering College in Jul 2020.

Dhivya D (2016-20) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

Hema Naga Sri Pushpa Swetha T (2016-20) attended the webinar “Importance of Construction Contract and Management” organized by Dr. N.G.P. Institute of Technology on 09-08-2020.

Lakshmipriya R (2017-21) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Lakshmipriya R (2017-21) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Monika P (2017-21) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

K Santhosh Saravanan (2018-22) attended the online training programme on “Vertical Transport – Lifts and Escalators” organized by Prayojana Construction Management Training Institute in Jul 2020.

Dinesh Kumar S (2018-22) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Dinesh Kumar S (2018-22) attended the online training programme on “Preparation of Bar Bending Schedules” organized by Prayojana Construction Management Training Institute in Jul 2020.

Dinesh Kumar S (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Dinesh Kumar S (2018-22) attended the online training programme on “Tendering and Estimation for Infra Projects” organized by Prayojana Construction Management Training Institute on 23-08-2020.

Dinesh Kumar S (2018-22) attended the webinar “Self Compacting Concrete” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 14-08-2020.

Dinesh Kumar S (2018-22) participated in Indo Australian Workshop on “Construction Projects Management with Innovative Tools & Techniques” organized by the Department of Civil Engineering, SRM Institute of Science & Technology on 10-08-2020.

Dinesh Kumar S (2018-22) attended the webinar “Pavements – Latest Trends” organized by Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 06-08-2020.

Dinesh Kumar S (2018-22) attended the webinar “Work Breakdown Structures for a Project” organized by the Department of Civil Engineering, SJC Institute of Technology in association with Prayojana Construction Management Training Institute on 07-08-2020.

Grandhe Vishnu Prathap (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

A S Sowmya Sri (2018-22) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

A S Sowmya Sri (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Manikandan D (2019-23) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

Sathya Shree T R (2019-23) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

Yashovardhan V (2019-23) hosted the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

Yashovardhan V (2019-23) hosted the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Krishna Priya S (2017-21) participated in Indo Australian Workshop on “Construction Projects Management with Innovative Tools & Techniques” organized by the Department of Civil Engineering, SRM Institute of Science & Technology on 10-08-2020.

Krishna Priya S (2017-21) attended the webinar “Self Compacting Concrete” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 14-08-2020.

Krishna Priya S (2017-21) attended the webinar “Cracking an Interview” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 19-08-2020.

Krishna Priya S (2017-21) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Krishna Priya S (2017-21) attended the webinar “IoT in Construction” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 20-08-2020.

Krishna Priya S (2017-21) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Krishna Priya S (2017-21) attended the webinar “Feedback form of Campus to Corporate – HR Perspective” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 28-08-2020.

Shalini Devi M (2017-21) attended the webinar “Self Compacting Concrete” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 14-08-2020.

Shalini Devi M (2017-21) attended the webinar “Cracking an Interview” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 19-08-2020.

Shalini Devi M (2017-21) attended the webinar “IoT in Construction” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 20-08-2020.

Shalini Devi M (2017-21) attended the webinar “Formwork at a Glance” organized by Sharp Ply on 17-08-2020.

Shalini Devi M (2017-21) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Shalini Devi M (2017-21) participated in the BIS National Workshop on “Latest Developments in the Indian Standards in Civil Engineering and NBC 2016” organized by ICI Bangalore Centre and JSW Cement on 21-08-2020.

Anne Sherin A (2017-21) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Sujitha Shrini G (2017-21) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Vidhyaa K (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Vidhyaa K (2018-22) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

David Arunraj B (2017-21) attended the webinar “Chennai’s Path to Flood Prevention” organized by the Department of Civil Engineering, Sri Venkateswara College of Engineering, Sriperumbudur on 03-08-2020.

Sabarinathan K P (2018-22) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Sathish Kumar P (2017-21) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Samundeeswari P (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Barath P (2017-21) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

K Santhosh Saravanan (2018-22) attended the webinar “A Preview on Smart Bridge Designs” organized by the Department of Civil Engineering, Easwari Engineering College in July 2020.

Sujitha Shrini G (2017-21) attended the webinar “Cracking an Interview” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 19-08-2020.

Anne Sherin A (2017-21) attended the webinar “Self Compacting Concrete” organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 14-08-2020.

Anne Sherin A (2017-21) attended the online training programme on “Tendering and Estimation for Infra Projects” organized by Prayojana Construction Management Training Institute on 23-08-2020.

Nithyalakshmi J (2018-22) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Raghmalavika B (2017-21) attended the webinar “Bridges - Behaviour and Performance Assessment” organized by Department of Civil Engineering, Rajalakshmi Engineering College on 01-08-2020.

Sonika M (2019-23) attended the online training programme on “Tendering and Estimation for Infra Projects” organized by Prayojana Construction Management Training Institute on 23-08-2020.

V Charumathi (2018-22) attended the webinar “Bridges - Behaviour and Performance Assessment” organized by Department of Civil Engineering, Rajalakshmi Engineering College on 01-08-2020.

Sujitha Shrini G (2017-21) attended the online training programme on “Preparation of Bar Bending Schedules” organized by Prayojana Construction Management Training Institute in Jul 2020.

V Charumathi (2018-22) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

V Charumathi (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Senthamil Selvi R (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Gokul S (2019-23) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

Nithyalakshmi J (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Niveditha K S (2018-22) hosted the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Niveditha K S (2018-22) hosted the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

David Arunraj B (2017-21) attended the webinar on “Talking with Objects in age of IoT” organized by Codegnan IT Solutions on 23-08-2020.

Sathish Kumar P (2017-21) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Prabhakaran P (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Sai Phanindra K (2019-23) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

Samundeeswari P (2018-22) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Santhiya S (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Santhiya S (2018-22) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

K Santhosh Saravanan (2018-22) attended the online webinar on “IoT Applications in Construction Industry” organized by Institute of Civil Engineering, Saveetha School of Engineering, Chennai in Jul 2020.

Sathish Kumar P (2017-21) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

Rakshitha S (2018-22) attended the webinar “Introduction to Green Building and Embodied Energy” organized by IGBC Student Chapter of the Department of Civil Engineering, SSNCE on 14-08-2020.

Rakshitha S (2018-22) attended the webinar “Foundation Engineering” organized by IEI Student Chapter of the Department of Civil Engineering, SSNCE on 21-08-2020.

Rakshitha S (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Monika P (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Anne Sherin (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Raghmalavika B (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Gunalan (2017-21) has undergone the Industry Oriented Online Internship Training Practical Aspects of Construction Management (PACM) organised by Construction Management Training Institute from 25th Jul to 30th Aug 2020.

Dhinakaran M (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Rajkumar (2018-22) attended the webinar “Formwork at a Glance” organized by Sharp Ply on 17-08-2020.

Dinesh Kumar S (2018-22) attended the webinar “Formwork at a Glance” organized by Sharp Ply on 17-08-2020.

Sujitha Shrini (2017-21) attended the two days workshop on ETABS Software conducted by Edifice Placement Solutions on 1st and 2nd Aug 2020.

David Arunraj and Sathish Kumar P (2017-21) won II place in the paper presentation contest in the topic of “Grouting Chemicals and Techniques adopted in Precast Concrete Construction” in an event conducted by Falcon Engineering Works on 31st Jul 2020.

Vinothni S N (2017-21) attended the webinar “Arbitration in the Context of the Construction Industry” conducted by Constructing Professional Development (CPD) on 01-08-2020.

Vinothni S N (2017-21) attended the webinar “Modern Technologies in Civil Engineering and Career Guidance” organized by IEE Student Chapter of the Department of Civil Engineering, SSNCE on 09-08-2020.

Dinesh Kumar S (2018-22) attended and successfully passed the National Level Online Civil Engineering Quiz, “Grill Your Cache” organised by The Institution of Engineers (India) Students’ Chapter of Department of Civil Engineering, Gayatri Vidya Parishad College of Engineering, Visakhapatnam in Aug 2020.

Dinesh Kumar S (2018-22) participated in the CivIQ-2k20 National Level Civil Engineering Quiz Competition on “Fluid Mechanics and Hydraulics” organized by Department of Civil Engineering, SJEC, Mangaluru on 11-08-2020.

Rajkumar P (2018-22) attended and successfully passed the National Level Online Civil Engineering Quiz, “Grill Your Cache” organised by The Institution of Engineers (India) Students’ Chapter of Department of Civil Engineering, Gayatri Vidya Parishad College of Engineering, Visakhapatnam in Aug 2020.

Santhiya S (2018-22) participated in the CivIQ-2k20 National Level Civil Engineering Quiz Competition on “Fluid Mechanics and Hydraulics” organized by Department of Civil Engineering, SJEC, Mangaluru on 11-08-2020.

V Charumathi (2018-22) participated in the Indian Independence Day Online Quiz Contest conducted by Department of Civil Engineering, Rathinam Technical Campus in Aug 2020.

V Charumathi (2018-22) participated in the online quiz on Water Resources Engineering organized by Department of Civil Engineering, Visvesvaraya College of Engineering and Technology on 01-08-2020.

Santhosh Saravanan (2018-22) participated in the online technical quiz on "IS:456-2000 Indian Standard Plain and Reinforced Concrete Code of Practice" organized by Department of Civil Engineering, Sri Venkateshwara College of Engineering, Bengaluru in Jul 2020.

Santhosh Saravanan (2018-22) participated in the online quiz on Strength of Materials organized by Department of Civil Engineering, Meenakshi College of Engineering, Chennai in Jul 2020.

Janani J (2017-21) completed the online course "Six Sigma Principles" offered by Kennesaw State University through Coursera on 28-08-2020.

Janani J (2017-21) attended the webinar "Cracking an Interview" organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 19-08-2020.

Janani J (2017-21) attended the online training programme on "Drones in Construction" organized by Prayojana Construction Management Training Institute from 5th to 7th Aug 2020.

Janani J (2017-21) has undergone the Industry Oriented Online Internship Training Practical Aspects of Construction Management (PACM) organised by Construction Management Training Institute from 28th Jul to 30th Aug 2020.

Janani J (2017-21) attended the webinar "IoT in Construction" organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 20-08-2020.

Janani J (2017-21) participated in the BIS National Workshop on "Latest Developments in the Indian Standards in Civil Engineering and NBC 2016" organized by ICI Bangalore Centre and JSW Cement on 21-08-2020.

Janani J (2017-21) attended the webinar "Self Compacting Concrete" organized Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru in association with Prayojana Construction Management Training Institute on 14-08-2020.

Janani J (2017-21) attended the online training programme on "Tendering and Estimation for Infra Projects" organized by Prayojana Construction Management Training Institute on 23-08-2020.

Janani J (2017-21) attended the webinar "Work Breakdown Structures for a Project" organized by the Department of Civil Engineering, SJC Institute of Technology in association with Prayojana Construction Management Training Institute on 07-08-2020.

Arulselvan S M (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Bargavi A (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

B. David Arunraj (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Harika Madireddy (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Harish Kumar M (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

V. Haswanth (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

S. Hirosh (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Janani J (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Krishna Priya S (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Lakshmipriya R (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Madhan Kumar D (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Nandhini S (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

K Nilesh (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Priyadarshini Varma U M (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Rebekah Rubidha Lisha R (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Rohit. S (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Sathish Kumar P (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Shalini Devi M (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Shyam Kiran I N (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Sushritha G (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Varshini B (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Yokesh R B (2017-21) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Deepika A (2016-20) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

J Gokul Krishna (2016-20) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Hema Naga Sri Pushpa Swetha T (2016-20) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Manjula R (2016-20) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Naveen Kumar V (2016-20) attended the Online Industrial Training – Anubhav conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 22nd Jul to 1st Aug 2020.

Grandhe Vishnu Prathap (2018-22) participated in the 5 day web session ‘City and You’, organized by CII and IGBC Karnataka, between 21-25 Sep 2020.

Gunalan S (2017-21) completed the online course “Programming Fundamentals” offered by Duke University through Coursera on 09-08-2020.

Grandhe Vishnu Prathap (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Santhiya S (2018-22) completed the online course on “Remote Sensing Applications in Agricultural Water Management” conducted by Indian Institute of Remote Sensing (IIRS) during 03-08-2020 to 07-08-2020

Sujitha Shrini G (2017-21) completed the online course “Take Your English Communication Skills to the Next Level” offered by Georgia Institute of Technology through Coursera on 16-09-2020.

Sujitha Shrini G (2017-21) completed a six weeks online training on AutoCAD offered by Internshala on 07-09-2020.

Vinothni S N (2017-21) completed IGBC’s online certification course on Green Built Environment from 21-09-2020 to 03-10-2020.

Santhiya S (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Gokul S (2019-23) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Manikandan D (2019-23) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Sathyashree T R (2019-23) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Rebekah Rubidha Lisha R (2017-21) has undergone the industry oriented online Internship training on Practical Aspects of Construction Management (PACM) organised by Construction Management Training Institute from 01-08-2020 to 01-09-2020.

Sujitha Shrini G (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Grandhe Vishnu Prathap (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Lakshmipriya R (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Monika P (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Prabhakaran P (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Senthamil Selvi R (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Radheshyam (2019-23) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Sujitha Shrini G (2017-21) has undergone the industry oriented online Internship training on Practical Aspects of Construction Management (PACM) organised by Construction Management Training Institute from 28-07-2020 to 30-08-2020.

Rohit S (2017-21) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Rupashri V (2019-23) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Rakshitha S (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Samundeeswari P (2018-22) participated in the 5 day web session ‘City and You’, organized by CII and IGBC Karnataka, between 21-25 Sep 2020.

Aswin R (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Aswin R (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Grandhe Vishnu Prathap (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Grandhe Vishnu Prathap (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Grandhe Vishnu Prathap (2018-22) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Grandhe Vishnu Prathap (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Grandhe Vishnu Prathap (2018-22) attended the webinar on “Higher Studies after Civil Engineering” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 27-09-2020.

Jyothir Adithya Skandan R M (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Jyothir Adithya Skandan R M (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Krishna Priya S (2017-21) attended the webinar on “Opportunities for Civil Engineers” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 16-09-2020.

Jyothir Adithya Skandan R M (2018-22) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Jyothir Adithya Skandan R M (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Jyothir Adithya Skandan R M (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Jyothir Adithya Skandan R M (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Jyothir Adithya Skandan R M (2018-22) participated in the 5 day web session ‘City and You’, organized by CII and IGBC Karnataka, between 21-25 Sep 2020.

Kishore Kumar D (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Vidhyaa K (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Vidhyaa K (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Kishore Kumar D (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Kishore Kumar D (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolona Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Kishore Kumar D (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Kishore Kumar D (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Santhiya S (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolona Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Santhiya S (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Santhiya S (2018-22) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Santhiya S (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Santhiya S (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Vidhyaa K (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Vidhyaa K (2018-22) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

Vidhyaa K (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolona Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Vidhyaa K (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Vidhyaa K (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Vidhyaa K (2018-22) attended the webinar on “Opportunities for Civil Engineers” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 16-09-2020.

Gokul S (2019-23) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Gokul S (2019-23) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Gokul S (2019-23) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

K Sai Phanindra (2019-23) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

K Sai Phanindra (2019-23) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

K Sai Phanindra (2019-23) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

K Sai Phanindra (2019-23) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

D Manikandan (2019-23) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

D Manikandan (2019-23) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

D Manikandan (2019-23) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

D Manikandan (2019-23) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

D Manikandan (2019-23) attended the webinar on “Higher Studies after Civil Engineering” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 27-09-2020.

Sathya Shree T R (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Sathya Shree T R (2018-22) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

Sathya Shree T R (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Sathya Shree T R (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Sathya Shree T R (2018-22) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Sathya Shree T R (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Harish Kumar M (2017-21) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

Harish Kumar M (2017-21) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Harish Kumar M (2017-21) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Harish Kumar M (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Harish Kumar M (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Janani J (2017-21) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Janani J (2017-21) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Janani J (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Janani J (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Sujitha Shrini G (2017-21) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Krishna Priya S (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Krishna Priya S (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Krishna Priya S (2017-21) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Krishna Priya S (2017-21) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Dinesh Kumar S (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Charumathi V (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Samundeeswari P (2018-22) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Samundeeswari P (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Abinaya D (2019-23) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Abishek Srinivas C (2019-23) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Abishek Srinivas C (2019-23) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolona Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Abishek Srinivas C (2019-23) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Nandhini S (2017-21) attended the webinar on “Opportunities for Civil Engineers” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 16-09-2020.

Abishek Srinivas C (2019-23) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Abishek Srinivas C (2019-23) attended the webinar on “Opportunities for Civil Engineers” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 16-09-2020.

Charumathi V (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Gunalan S (2017-21) attended the webinar on “Opportunities for Civil Engineers” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 16-09-2020.

Gunalan S (2017-21) attended the webinar on “Higher Studies after Civil Engineering” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 27-09-2020.

Gunalan S (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

K P Sabarinathan (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

K P Sabarinathan (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Nilesh K (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Nilesh K (2017-21) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

P Samundeeswari (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Prabhakaran P (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

R Senthamil Selvi (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Prithika Saishree S (2018-22) attended the webinar on “Opportunities for Civil Engineers” conducted by Kraciva, Department of Civil Engineering, SSNCE held on 16-09-2020.

Prithika Saishree S (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Prithika Saishree S (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Samundeeswari P (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student's chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Sheena Grace D (2018-22) attended the webinar on "Opportunities for Civil Engineers" conducted by Kraciva, Department of Civil Engineering, SSNCE held on 16-09-2020.

Sheena Grace D (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student's chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Sheena Grace D (2018-22) attended the webinar on "Good Construction Practices of Concrete Structures" conducted by ICI student's chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Yuvarani P (2018-22) attended the webinar on "Opportunities for Civil Engineers" conducted by Kraciva, Department of Civil Engineering, SSNCE held on 16-09-2020.

Yuvarani P (2018-22) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student's chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

Yuvarani P (2018-22) attended the webinar on "Good Construction Practices of Concrete Structures" conducted by ICI student's chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

R Senthamil Selvi (2018-22) attended the webinar on "Future Readiness for Graduate Students" conducted by ICE (UK) student's chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

R Senthamil Selvi (2018-22) attended the webinar on "Design and Construction of Timber Structures" conducted by ICE (UK) student's chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Charumathi V (2018-22) hosted the webinar on "Compatibility of Super Plasticizers with Portland Pozzolana Cement" conducted by IEI student's chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

R Senthamil Selvi (2018-22) participated in the 5 day web session 'City and You', organized by CII and IGBC Karnataka, between 21-25 Sep 2020.

Prabhakaran P (2018-22) participated in the 5 day web session 'City and You', organized by CII and IGBC Karnataka, between 21-25 Sep 2020.

Dinesh Kumar S (2018-22) attended the webinar on "Future Readiness for Graduate Students" conducted by ICE (UK) student's chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

G.Radheshyam (2019-23) attended the webinar on "Design and Construction of Timber Structures" conducted by ICE (UK) student's chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Gobbika E (2018-22) attended the webinar on "Compatibility of Super Plasticizers with Portland Pozzolana Cement" conducted by IEI student's chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

G.Radheshyam (2019-23) attended the webinar on "Good Construction Practices of Concrete Structures" conducted by ICI student's chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Gunalan S (2017-21) attended the webinar on "Compatibility of Super Plasticizers with Portland Pozzolana Cement" conducted by IEI student's chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Gunalan S (2017-21) attended the webinar on "Future Readiness for Graduate Students" conducted by ICE (UK) student's chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Prabhakaran P (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Lakshmipriya R (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

K P Sabarinathan (2018-22) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Monika P (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Nandhini S (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Naveen Kumar M (2019-23) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Naveen Kumar M (2019-23) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Prithika Saishree S (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Prithika Saishree S (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Rohit S (2017-21) participated in the Online Workshop on "Detailing of Structures", conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 18-09-2020.

K P Sabarinathan (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Rohit S (2017-21) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Rohit S (2017-21) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

Rohit S (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Rohit S (2017-21) attended the JSW Series-07: BIS National Workshop on “Latest Developments in the Indian Standards in Civil Engineering and NBC 2016” conducted by JSW and ICI Bangalore on Aug 20, 2020.

Rohit S (2017-21) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Rohit S (2017-21) participated in the online webinar on “Tendering and Estimation for Infra Projects” organized by CMTI Bangalore on Aug 23, 2020.

K P Sabarinathan (2018-22) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

K P Sabarinathan (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Senthamil Selvi R (2018-22) attended the Online Safety Webinar Series conducted by Larsen & Toubro Corporate - Technology & Engineering Academy from 24th to 29th Aug 2020.

Samundeeswari P (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Sheena Grace D (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolona Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Sheena Grace D (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Sonika M (2019-23) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolona Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Rakshitha S (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Sujitha Shrini G (2017-21) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

Sujitha Shrini G (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Senthamil Selvi R (2018-22) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

Prabhakaran P (2018-22) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

Yuvarani P (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolona Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Prabhakaran P (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Charumathi V (2018-22) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Gunalan S (2017-21) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Yuvarani P (2018-22) attended the webinar on “Design and Construction of Timber Structures” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 19-09-2020.

Vinothni S N (2017-21) AACEI-UAE Section’s webinar on” Application of Blockchain Technology in Construction Project Management” on 20 Sep, 2020.

Vinothni S N (2017-21) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Rakshitha S (2018-22) attended the webinar on “Future Readiness for Graduate Students” conducted by ICE (UK) student’s chapter & Department of Civil Engineering, SSNCE held on 17-09-2020.

Rakshitha S (2018-22) attended the webinar on “Compatibility of Super Plasticizers with Portland Pozzolana Cement” conducted by IEI student’s chapter & Department of Civil Engineering, SSNCE held on 15-09-2020.

Rakshitha S (2018-22) attended the webinar on “Sustainability- Concepts and Practices” conducted by IGBC student’s chapter and Department of Civil Engineering, SSNCE, held on 08-09-2020.

Rakshitha S (2018-22) attended the webinar on “Good Construction Practices of Concrete Structures” conducted by ICI student’s chapter & Department of Civil Engineering, SSNCE held on 11-09-2020.

Rakshitha S (2018-22) participated in the 5 day web session ‘City and You’, organized by CII and IGBC Karnataka, between 21-25 Sep 2020.

Prabhakaran P (2018-22) participated in the online training programme on Construction Finishes conducted by CMTI Bangalore from 4-8 Sep, 2020.

Senthamil Selvi R (2018-22) participated in the Quiz Programme on "Basics of Concrete Technology" which was held during 15 & 16 Sep, 2020 conducted by Rathinam Technical Campus, Coimbatore.

Vidhyaa K (2018-22) participated in the Quiz Programme on "Basics of Concrete Technology" which was held during 15 & 16 Sep, 2020 conducted by Rathinam Technical Campus, Coimbatore.

Vidhyaa K (2018-22) participated in the 5 day web session ‘City and You’, organized by CII and IGBC Karnataka, between 21-25 Sep 2020.

Gobbika E (2018-22) participated in the Quiz Programme on "Basics of Concrete Technology" which was held during 15 & 16 Sep, 2020 conducted by Rathinam Technical Campus, Coimbatore.

Samundeeswari P (2018-22) participated in the Quiz Programme on "Basics of Concrete Technology" which was held during 15 & 16 Sep, 2020 conducted by Rathinam Technical Campus, Coimbatore.

Sowmya Sri A S (2018-22) participated in the Quiz Programme on "Basics of Concrete Technology" which was held during 15 & 16 Sep, 2020 conducted by Rathinam Technical Campus, Coimbatore.

Rakshitha S (2018-22) participated in the 5 day web session ‘City and You’, organized by CII and IGBC Karnataka, between 21-25 Sep 2020.

Jyothir Adithya Skandan R M (2018-22) attended the webinar on “India on its own” jointly organised SSNCE and Yuva Shakthi on August 13, 2020.

Prabhakaran P (2018-22) participated as a delegate in the simulation of United Nations General Assembly - Disarmament and International Security Committee while representing Japan in the Digital Simulation of Indian Dialectic Model United Nations held on 18-19 September, 2020.

Prabhakaran P (2018-22) participated in the online training on “Product Research and Technical Analysis of Markets” conducted by Camo Specter Research Solutions on 12 & 13 Sep, 2020.

Vidhyaa K (2018-22) participated in the online training on “Product Research and Technical Analysis of Markets” conducted by Camo Specter Research Solutions on 12 & 13 Sep, 2020.

Sonika M has attended Webinar on " “Global Market Conditions of Real Estate” Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Sonika M has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Sonika M has attended Webinar on "Cost Effective Construction” Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Sonika M has attended Webinar on "Growth Mindset" Organised by the YRC, SSNCE on October 11, 2020.

Harish Kumar M has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM.

Grandhe Vishnu Prathap has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Grandhe Vishu Prathap has attended Webinar on " "Global Market Conditions of Real Estate" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Grandhe Vishu Prathap has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Santhya Shas attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Vidhyaa K has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Vidhyaa K has attended Webinar on "Design Trends- Office & Residential Space" held on "12.10.2020" organized by "Construction Management Training Institute Bridging Institute for Construction Professionals #177/1, 4th Floor, 7th B Main Rd,Jayanagar 3rd Block, Bengaluru-560011

Vidhyaa K has attended Webinar on "Precast Concrete – Need for a hour- 2hrs session held on "18.09.2020" organized by "Construction Management Training Institute Bridging Institute for Construction Professionals #177/1, 4th Floor, 7th B Main Rd,Jayanagar 3rd Block, Bengaluru-560011

Vidhyaa K has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Vidhyaa K has attended Webinar on " "Global Market Conditions of Real Estate" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Gokul S has attended Webinar on " "Global Market Conditions of Real Estate" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Gokul S has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Gokul S has attended an Online Webinar on 'Compatibility Analysis and touchdown at NUS: Things to know ' held on 24th October 2020, organized by Association of Civil Engineers , Dept. of Civil Engineering, SSN College of Engineering, Chennai.

Gokul S has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Sai Phanindra K has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Manikandan D has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Manikandan D has attended Webinar on "Blood Donation Awareness" Organised on October 10, 2020.

Manikandan D has attended Webinar on " "Global Market Conditions of Real Estate" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Manikandan D has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Manikandan D has attended an Online Webinar on 'Compatibility Analysis and touchdown at NUS: Things to know ' held on 24th October 2020, organized by Association of Civil Engineers , Dept. of Civil Engineering, SSN College of Engineering, Chennai.

Sathya Shree T R has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Sathya Shree T R has attended an Online Webinar on 'Compatibility Analysis and touchdown at NUS: Things to know ' held on 24th October 2020, organized by Association of Civil Engineers , Dept. of Civil Engineering, SSN College of Engineering, Chennai.

Sathya Shree T R has attended Webinar on " "Global Market Conditions of Real Estate" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Sathya Shree T R has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Janani J has attended Webinar on " "Global Market Conditions of Real Estate" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Krishna Priya S has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Krishna Priya S participated the online webinar on Engineers for a Self – Reliant India Things to Cost Effective Construction Materials held on 07.10.2020 organized by SSNCE, Kalavakkam

Krishna Priya S has attended an Online Webinar on 'Compatibility Analysis and touchdown at NUS: Things to know ' held on 24th October 2020, organized by Association of Civil Engineers , Dept. of Civil Engineering, SSN College of Engineering, Chennai.

Samundeeswari P has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Abinaya D has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Ashwin Kumar K T has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Ashwin Kumar KT has attended an Online Webinar on 'Compatibility Analysis and touchdown at NUS: Things to know ' held on 24th October 2020, organized by Association of Civil Engineers , Dept. of Civil Engineering, SSN College of Engineering, Chennai.

Ashwin Kumar KT has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

C K Suma Abhivandya has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Niveditha K S has attended an Online Webinar on ' has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM

Prithika Sasishree S has attended an Online Webinar on ' has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM

Roshna R has attended an Online Webinar on has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM

Sheena Grace D has attended an Online Webinar on has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM

Sheena Grace D has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Samundeeswari P has attended an Online Webinar on 'has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM

Sheena Grace D has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Sowmya Sri A S has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM.

Sowmya Sir A S has attended webinar on an online guest lecture titled "Insights in building information modeling " on "11.10.2020" held via "Online platform" for "2, 3 and 4 Year of study of students" under the banner of "KRACIVA"

Yogesh P has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM.

Yuvaraj K has attended Webinar on "Design Trends- Office & Residential Space" held on "12.10.2020" organized by "Construction Management Training Institute Bridging Institute for Construction Professionals #177/1, 4th Floor, 7th B Main Rd,Jayanagar 3rd Block, Bengaluru-560011

Yuvarani P has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM.

Niveitha K has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Yuvaraj K has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM.

Kartheeswaran J has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Kilwish Nighjo A has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Kilwish Nighjo A has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM.

Kishore Kumar D has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Niveditha K S has attended Webinar on " "Global Market Conditions of Real Estate" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Abishek Srinivas C has attended Webinar on "Compatibility Analysis and touchdown at NUS" held on "24.10.2020" organized by "SSN COLLEGE OF ENGINEERING KALAVAKKAM.

Abishek Srinivas C has attended Webinar on " "Global Market Conditions of Real Estate" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Prithika Saishree S has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Radheshyam G has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Prabhakarn P has attended Webinar on "“Global Market Conditions of Real Estate” Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Roshna R has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Prabhakaran P has participated in three days career discovery program by we define Net Scholar X on 02.10.20

Atchayah K has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Sowmya Sri A S has attended Webinar on "“Global Market Conditions of Real Estate” Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Sowmya Sri A S has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Suma Abhivadya C K has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Yuvarani P has attended Webinar on "Cost Effective Construction" Organised by the Institution of Civil Engineers (UK) SSN– Student Chapter on October 5, 2020.

Rajarajan T has Participated training Programme on "Construction Finishes- 1.30hrs / 5 Day session held on "10.10.2020 to 14-10-20" organized by "Construction Management Training Institute Bridging Institute for Construction Professionals #177/1, 4th Floor, 7th B Main Rd,Jayanagar 3rd Block, Bengaluru-560011

Grandhe Vishu Prathap has completed Online Course titled “Everyday Excel, part 1” through "Coursera" in the month October 2020

Grandhe Vishu Prathap has completed Online Course titled “Programming for Everybody (Getting started with Python)” through "Coursera" in the month October 2020

Sathya Shree T R has completed Online Course titled “First Aid for Adults” through “Learning Platform” in the month of October 2020

Sathya Shree T R has completed Online Course titled “Stay Safe – Personal Security (English)” through “Learning Platform” in the month of October 2020

Sathya Shree T R has completed Online Course titled “Corona Virus :Basic Knowledge and Prevention measures (English)” through “Learning Platform” in the month of October 2020

Janani J has Participated in the IGBC’s Online Certification Course on “Green Building Environment on 21 sep -03 oct 2020

Prabhakaran P has Undergone the industry Oriented online Internship training Practical Aspects of Construction Management (PACM) organized by "Construction Management Training Institute" on 01-08-2020 to 31-08-2020

Anne Sherin A, Sujitha Srini G, Nithya Lakshmi J, Prabhakaran P and Rajkumar R have won I Prize in SOAKPIT DESIGN in Build O’ Innovate Organized by (ACE) IIT Patna

Nithya Lakshmi J, Prabhakaran P and Rajkumar R won II Prize in the in an Inter-collegiate Technical Model Exhibition-cum Competition, organized by Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, conducted on 15th October 2020

Prabhakaran P has won the IGBC student's chapter Debate Competition on 18 Oct 2020 Organized by department of Civil Engineering- Pillai HOC College of Engineering and Technology (PHCET), Rasayani

Naveen Kumar M has Participated in "FIT INDIA FREEDOM RUN" from 15 August – 02 October 2020 organized by Ministry of Youth Affairs and Sports.

Kaviya Roshne. G M has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Vidhyaa K has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Vidhyaa K has undergone the Industry oriented online Internship Training Practical Aspects of construction Management organized by CMTI from 25.09.20 to 24.10.20

Mohammed Sameer A has undergone the Industry oriented online Internship Training Practical Aspects of construction Management organized by CMTI from 01.08.20 to 31.08.20

Prabhakaran P participated a webinar "Application of Constructed Wetlands in Phytoremediation of Wastewater" by the Institution of Civil Engineering (UK) SSN - Student Chapter on 09.11.20

Prabhakaran P participated a Innovation Quiz Contest " on 01.11.20 organized by Project Contest.

J. Janani has won the first place for writing essay competition organized by The Institution of Engineeris (India), Kalpakkam Local Centre

Janani J has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Janani J has successfully demonstrated knowledge on the Green Built Environment, IGBC Accredited Professional - Associate on 07.11.20

Manikandan D has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Meenaksi Venkatachalam has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Prabhakaran P has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Aparna P Vijay has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Ashwin Kumar KT has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Ashwin Kumar KT has participated in a webinar "Interior Fitout Lecture Series - Session-2, by CMTI, Bengaluru on 25.11.20

Gunalan S has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Kilwish Nighjo A has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Sonika M has participated in a webinar "Interior Fitout Lecture Series - Session-2, by CMTI, Bengaluru on 20.11.20

Sowmya Sri AS has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Sowmya Sri AS has participated in a webinar "Infrastructure Series-Session 2, by CMTI, Bengaluru on 21.11.20

Yuvaraj K in the webinar on Compatibility Analysis and touchdown at NUS: Things to know held on 24.10.20

Rakshitha S attended an online webinar on "Application of Constructed Wetlands in Phytoremediation of Wastewater" held on 9th November 2020 organized by Dept.of Civil Engineering, SSN College of Engineering, Chennai.

Samundeeswari P participated a webinar "Application of Constructed Wetlands in Phytoremediation of Wastewater" by the Institution of Civil Engineering (UK) SSN - Student Chapter on 09.11.20

Grandhe Vishnu Prathap has participated in a webinar on " Career Probes for Civil Engineering" organized by Association of Civil Engineers, SSN College of Engineering, on 05.11.2020

Grandhe Vishnu Prathap has participated in a webinar "Infrastructure Series-Session 3, by CMTI, Bengaluru on 29.11.20

Grandhe Vishnu Prathap has participated in a webinar "Interior Fitout Lecture Series - Session-2, by CMTI, Bengaluru on 25.11.20

Grandhe Vishnu Prathap has participated in a webinar "Infrastructure Series-Session 2, by CMTI, Bengaluru on 21.11.20

Grandhe Vishnu Prathap participated a webinar "Application of Constructed Wetlands in Phytoremediation of Wastewater" by the Institution of Civil Engineering (UK) SSN - Student Chapter on 09.11.20

Sonika M participated a webinar "Application of Constructed Wetlands in Phytoremediation of Wastewater" by the Institution of Civil Engineering (UK) SSN - Student Chapter on 09.11.20

Sowmya Sri AS participated a webinar "Application of Constructed Wetlands in Phytoremediation of Wastewater" by the Institution of Civil Engineering (UK) SSN - Student Chapter on 09.11.20

Vinothni S N participated a webinar "Application of Constructed Wetlands in Phytoremediation of Wastewater" by the Institution of Civil Engineering (UK) SSN - Student Chapter on 09.11.20

Sathya Shree T R has participated in the online live demo on "Virtual Reality in Construction" conducted by Aalim Muhammed Salegh College of Engineering on Dec 5, 2020

Sathya Shree T R has participated in the online live webinar on "Thin Film Gas Sensors" conducted by Sathyabama of Science and Technology on Dec 10, 2020

Janani J has successfully participated in Industry Academia Conclave conducted from 22.12.20 to 25.12.20 organized by Ministry of Science and Technology, Ministry of Earth Sciences and Ministry of Health and Family Welfare, Govt of India

Rushikaa S has actively participated in the Creative Poster contest on " Air Quality Management" held on 09.12.20 at IIT Madras, Chennai

Rushikaa S has undergone 30 days internship successfully qualified the three days selection and recruitment process as Campus Ambassador at Younity.in.

Vikram P G has participated in online course on "Remote Sensing and Digital Image Analysis" conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun during 17.08.20 to 11.09.20

Vikram P G has successfully completed the online course " Everyday Excel, Part 1 through Coursera

Vikram P G has successfully completed NPTEL online course titled " Introduction to Geographic Information Systems" and secured 90% marks

Vikram P G has successfully completed NPTEL online course titled " Strength of Materials" and secured 91% marks

BACTERIAL CONCRETE

- SATHYA SHREE T R (II year, B.E. Civil Engineering)



Cracks in buildings are one of the common problems in buildings. Internal shrinkage, elastic deformation, creep movement, chemical reactions and thermal movements causes cracks in buildings. Though these cracks are very smaller and most common, it is detrimental towards the strength of the building. One of the remedial measures for these cracks is usage of **bacterial concrete**. Bacterial concrete, also known as bio concrete or self-healing concrete heals the cracks through the bacterial action. This was first proposed by Hendrick Jonkers in 2011. This is emerging as a new high level construction method and sounds to be the environmentally friendly solution.

The cracks of width greater than 0.05 mm can be easily healed on self-basis by bacterial concrete. It consists of the acid producing bacteria which remains dormant for more than 200 years, acts a catalyst in crack healing process. This bacterium resists the mechanical stress and alkalinity in concrete. Calcium lactate acts as a chemical precursor in concrete which later acts as a food for the bacterium present. Both the bacteria and the chemical precursor are impregnated in the material matrix. The types of bacteria used includes *plasterii*, *subtilis*, *sphaericus*, *filla*, *pseudofirmus*, *cohnii* from *Bacillus* genus and *Escherichia coli*.

Preparation:

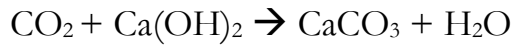
The methods of preparation of bacterial concrete are of two types:

- Direct Method: The bacterium and calcium lactate are directly added while mixing concrete.
- Encapsulation Method: The bacterium and calcium lactate placed in clay pellets are added, which replaces the lightweight aggregates by twice its volume in concrete. About 6% of clay pellets are added.

Chemical Process:

When cracks develop, water enters through it and the bacterial spores germinate (in case of clay pellets. the clay pellets are broken first). It feeds on the calcium lactate

consuming the oxygen, this converts the soluble calcium lactate into insoluble limestone which on hardening fills up the crack.



This extra molecule of water continues the reaction, as water activates the bacterium. Once the cracks get sealed the bacterium enters the dormant stage and become active when a crack develops again.



Notable Features:

- The compressive strength of bacterial concrete is 38.95 N/mm² and its flexural strength is about 7.80 N/mm² which is comparatively greater than the normal concrete.
- The bacterium is a long-lasting healing agent.
- It provides greater resistance towards freeze and thaw action.
- It reduces permeability of water in concrete.
- It prevents the corrosion of reinforcement steel as the oxygen is consumed by the bacterium present.
- It uses harmless bacteria.

Though the bacterial concrete is costlier, it has longer life span and is more durable and can be used in durable roads, heavy load bearing structures, riverbank structures and in green roofing. It also helps in reduction of pollution and provides a hygienic environment. It is the most eco – friendly remedy of all and is gaining momentum in all over the world in recent days.

AN UNSTOPPABLE WOMEN

- A poem by RUPASHRI V (II year, B.E. Civil Engineering)



An unstoppable woman

She was playing in a lane,
only with herself and all alone.
A man of malicious called her,
With handful of candies
And heartful of filths, Appeared
usual for her lil'eyes, but for him...
Grasping the forbidence of mind,
Managed to escape from abuse.
Days went and she grown,
Spotted the same everywhere.
Puzzled heart sought a 'Guard'
Got herself into the peril;
In the name of so called "spouse"
Mirth and Undoubted devotion faded
His vicious act left her wounded.
With broken jaws and disbanded hair,
Stepped out from the seclusion
With mind full of single query
"Is freedom reserved for the soul use of men?"
-Rupashri V

MY SECRET DIARY

- A Kuttu Story by Sonika M (II year, B.E. Civil Engineering)



I am a typical Tamil girl, my loved ones call me ‘ Sonu...’ .Everyone has a dream in their life. I’m nothing unusual, I too have a dream in my life i.e.,to travel around the world with the man of my life (My future partner) or with the souls of my life (my parents) or with them both. It can be called as a wish, dream, future plan, lifetime goal or an ambition. Whatever it is but I much passionate about my travel. Until now it’s a million-dollar question for me, “why am I this much crazy on it or why am I getting overexcited each and every time when I think of my dream travel?”. Everyone likes to travel and to experience things. But I’m really as mad as a march hare about travel. I’m a good foodie too. Once my mom asked me, “what’s your ambition in your life?”. Without a delay I replied her, “I want to taste each and every type of cuisine in the world but with a condition. If I want to taste an Italian cuisine, I want to wander around different parts of Italy to taste different dishes in the Italian cuisine.” She asked me, “Don’t you have any idea of getting a good job or to settle in your life?”. I simply replied that if it is necessarily needed to fulfill to my dream definitely I’m... She became calm only after these words. Do you believe or not I don’t know, I have not even crossed our borders of Tamilnadu. We will be longing for things that we don’t get much in our life. It is similar to that kind of thing but I went a bit higher and made it as my dream. Instead of sharing about my dream to the people around me. I started writing things that I wish to do in a diary i.e., My Secret Diary. Every day I make a wish to god that to give me a opportunity to see all the wonders that he made in this beautiful world at least once in my lifetime. Here I would love to share my few favourite things from my secret diary that I am crazy on...



To stay above sky blue crystal clear waters...



To play in the snow...



To touch the bioluminescent water...



To swing above the clouds...



To see the sunset from the edge of the infinity pool...



To play with cartoon characters...



To see the northern lights...



Ohh... I forgot the most important one!!!! that is Photography.... It freezes our sweet memories forever and helps us a lot to spend our long in the tooth times delicately...

MEET THE TEAM



Faculty:

- Dr. N. Sivakumar,
Prof. & HoD, Department of Civil Engineering
- Dr. Jijo James,
Associate Professor
- Ms. Sumetha R,
Assistant Professor

Students:

- Sushritha G, IV year
- Janani J, IV year
- Supraja, IV year
- Rajarajan, IV year
- Sidharath Shah, III year
- Pavithranathan, III year
- Vridi R Ahuja, III year
- Jeyashree, II year
- Naveen Kumar, II year

