



# ASTHRA

## Volume 3 · Monsoon 2021

June to September

# The Newsletter of Department of Civil Engineering



KPR Institute of  
Engineering and  
Technology

Issued on November 2021

## **EDITORIAL BOARD**

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Department of Civil Engineering

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## About KPRIET

KPR Institute of Engineering and Technology (KPRIET), founded by Dr. K. P. Ramasamy, stands out as a leading institute of academic excellence by imparting technical, intellectual and professional skills to students. The institute, with its diverse and energetic community of students offers a distinguishing blend of some of the premium graduate, undergraduate and research programs, talented faculty, world class amenities and a residential campus set on a sprawling 150 acres of lush green campus.

While students at KPRIET immerse themselves in academics, the institute has a lot in store for them outside the classroom. Student life includes participation in sports, co-curricular activities and cultural. In short, at KPRIET, students will find an academic and social environment where everyone—from faculty members to peer's support shape their future.

KPRIET is a home to artistically designed buildings with state of the-art computer and internet facilities, modern workshops, seminar halls, auditoriums and well stocked libraries, sports and games fields in addition to an indoor badminton court and gymnasium.

KPRIET has a faculty strength of 227 with a faculty student ratio of 1:15. Out of the total, 97 faculty members PhDs. and 102 are in the process of completing their PhDs. As an exemplary institution of learning, KPRIET follows an admission policy that strongly favours merit, even as it enables access to education for students from all strata of society through appropriate scholarships. The Institution boasts of a strong alumni network with alumni events held every year serving as a platform for past students to give back to KPRIET and share their experiences with its present fellow students.

## About the Department

The Department of Civil Engineering of KPR Institute of Engineering and Technology, Coimbatore was established in the year 2009 with an annual intake of 60 students. In the year 2012, the annual intake was increased to 120. The Department has been elevated to its next pedestal by offering PG in Structural Engineering in the year 2014 with an annual intake of 18. The Department has been recognized as a Research Centre for pursuing Ph. D. in Civil Engineering by Anna University. It has been accredited by NBA, New Delhi.

The Department has highly qualified faculty members with Ph. D. and M. E. / M. Tech. under various specialize such as Structural, Environmental, Geotechnical, Infrastructure, Transportation and Construction Engineering and Management. The faculty members contribute to academic

development by publishing books / journals, products, patent filing and presenting papers in International and National Conferences. The Department is well equipped with state of art Laboratories and Infrastructure. The Department of Civil Engineering signed MoUs with the reputed industries like BAI, COCENA to bridge the gap between theory and field practices. The Department bagged the Academic Excellence Award from Staffordshire University, UK and Education Matters, India for producing handful of University Ranks (in Civil Engineering) under Anna University.

The Department also provides an opportunity for students in improving practical knowledge in the field of Civil Engineering and Software skills like AutoCAD, STAAD Pro, ETabs, SketchUp, Arc GIS, 3ds MAX and Revit Architecture through Building Information Modelling – Centre of Excellence, KPR Infra (start-up by students) and Learn-it (Masonry Yard), in addition to Communication and Presentation skills. The students have to undergo Industrial Training and Industrial Visit to facilitate them to take up industrial live projects to understand the field constraints. KPR Civil Academy has been established to facilitate the students to take up the training for competitive exams.

In addition to the regular academic activity, the Department also offers its services in the form of consultancy and testing to various Government Departments and private agencies. The quality of services provided by the Department is well acknowledged in the professional field.

The Department of Civil Engineering as well as faculty members has lifetime membership in various Professional Societies like ICI, IGS, IEI, ISTE, IPA and BAI. The Department of Civil Engineering has various Students Chapter like ACI, IGS, IEI, ICI, ISTE to gain knowledge through various programmes conducted by these bodies across the Nation.

## **Vision of the Department**

To develop competent Civil Engineers to create infrastructure with technology in demand that leads to nation building.

## **Mission of the Department**

- Provide holistic education to students to enhance technical knowledge and skills
- Indoctrinate augmented contents to meet the requirements of stakeholders
- Promote research and consultancy activities in collaboration with industries
- Foster ethical and moral values with leadership qualities

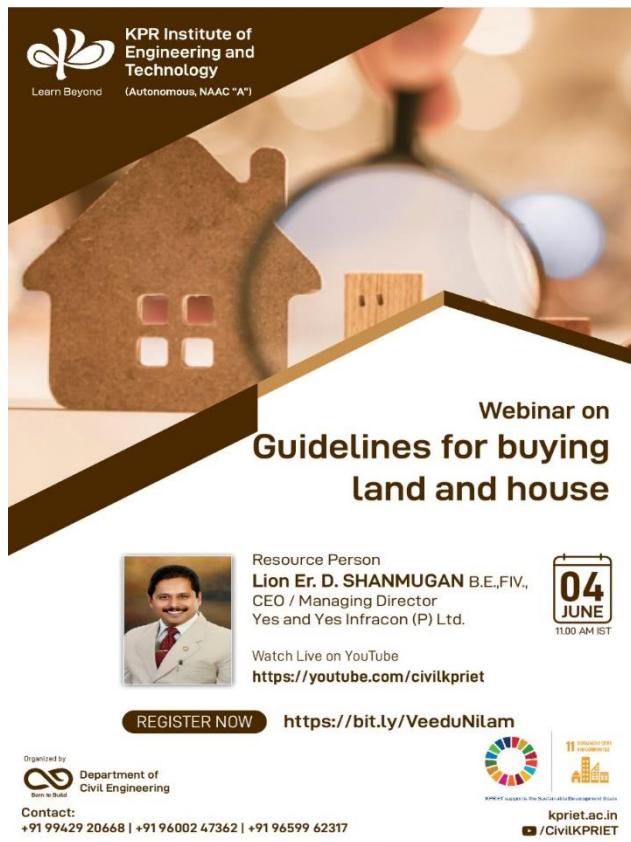
## Programme Organised

### Webinar on “Guidelines for buying land and house”

Date: 4th June 2021

Resource Person: Lion Er.D.Shanmugam,  
CEO/Managing Director  
Yes and Yes Infracon Pvt.Ltd

The Department of Civil Engineering organized a webinar titled '**Guidelines for buying land and house**' on 4th June 2021 via google meet. The webinar mainly focused on discussion of various industry expectations and guidelines for buying land and house.



### Webinar on “Sustainable living- The way forward-For earth’s sake”

Date: 7<sup>th</sup> June 2021

Resource Person: Dr. Sultan Ahmed Ismail,  
Advisor and former Director.  
Ecoscience Research foundation,  
Chennai.

The Department of Civil Engineering organized a webinar in association with Institution of Engineers Coimbatore local centre titled **World Environment Day 2021, with the theme Ecosystem Restoration – “Sustainable living-The way forward-For earth's sake”** on 7th June 2021 via google meet. The webinar focused on discussion of sustainable living and the ecosystem balance in present scenario.



## Webinar on “Industry Expectations from civil Engineering students”

**Date: 9<sup>th</sup> June 2021**

**Resource Person:** Mr. Kumaran Raja

Managing director and CEO,  
DSOL Global  
Academy and consulting.

The Department of Civil organized a webinar titled **“Industry Expectations from civil Engineering students”** on 9th June 2021 via google meet. The webinar focused on discussion of various industry expectations from civil Engineering students.



## Webinar on “Smart Home using phone”

**Date: 11<sup>th</sup> June 2021**

**Resource Person:** Prof. K.Rajkumar.

Head/OoA, KPRIET

The Department of Civil Engineering organized a webinar titled “ on 11th June 2021 via google meet. The resource person of the event was Prof. K.Rajkumar, Head/ooA, kpriet The webinar

focused . The main aim of this course is to provide interior design online certification course for the students of class 11 and 12.

## **Faculty Development programme on “Bridge Engineering”**

**Date: 21<sup>st</sup> June 2021 to 26<sup>th</sup> June 2021**

**Resource Person:** Dr. V.K Raina

Ph.D(London). DIC (London) MICE(London),  
Consultant, the U.N. the world bank and  
The African development bank  
Distinguished Professor, KPRIET.

The Department of Civil Engineering organized a FDP titled “Bridge Engineering” on 21<sup>st</sup> June 2021 to 26<sup>st</sup> June 2021 via google meet. The resource person of the event Dr. V.K Raina Ph.D(London). DIC (London) MICE(London), Consultant, the U.N. the world bank and the African development bank, Distinguished Professor, KPRIET. The webinar focused on discussion of various distress, cracks in bridges, Rehabilitation and retrofitting in bridges and prestress its working equipment and accessories.



## Webinar on “Life of Civil Engineer”

Date: 26<sup>th</sup> June 2021

Resource Person: Mr. Bharani Iyengar.  
Technical Director,  
M&D Foundations Ltd, UK.

The Department of Civil Engineering organized a webinar titled ‘Life of civil Engineer’ on 26th June 2021 via google meet. The resource person of the event was Mr. Bharani Iyengar, Technical Director, M&D Foundations Ltd, UK, the webinar focused on discussion on the importance and the life of civil engineers.



Date :26.06.2021  
Time :3.00 PM  
Platform : Google Meet  
kpriet.ac.in | [F](#) [T](#) [G](#) [G/KPRIETonline](#)

## Webinar on “MATLAB Scripts features for Online Teaching & Learning”

Date: 28<sup>th</sup> June 2021

Resource Person: Mr.Anand Mukapadhyay.  
Education Customer,  
SuccessEngineer,Maths  
works,Bangalore

The Department of Civil Engineering in association with ACI organized a webinar titled ‘MATLAB Scripts features for Online Teaching & Learning’ on 28th June 2021 via google meet. The resource person of the event was Mr. Anand Mukapadhyay, Education Customer, Success Engineer, Maths works, Bangalore. The webinar focused about the features involved in the MATLAB for online teaching and learning.



Faculty Coordinator  
Mrs. B. S. Meenakshi  
AP(Sr.G)/Civil

Student Coordinator  
Mr. A.Faheem chamed  
III/Civil

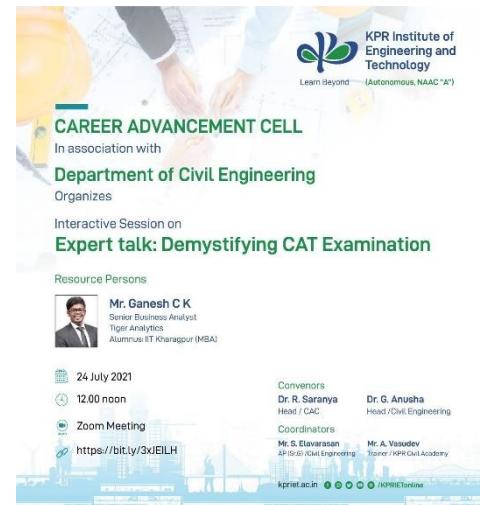
## Webinar on “Demystifying CAT Examination”

Date: 24<sup>th</sup> July 2021

Resource Person: Mr. Ganeshan C K.  
Senior Business Analyst,

**Tiger Analytics**  
Alumnus, IIT Kharagpur.

The Department of CIVIL organized a webinar titled 'Demystifying CAT Examination' on 24th July 2021 via google meet. The resource person of the event was Mr. Ganeshan C K, Senior Business Analyst, IIT Kharagpur. The webinar focused on discussion on the opportunities in CAT Examination.



## Webinar on "Application of Drone in Civil Engineering Projects"

**Date: 30.07.2021**

**Resource Person:** Mr. A. Selvam,  
Managing Director,  
Land Coordinates Technology,  
Chennai

The Department of Civil Engineering organized a webinar titled 'Application of Drone in Civil Engineering Projects' on 30th July 2021 via google meet. The resource person of the event was Mr.A.Selvam, Managing Director, Land Coordinates Technology, Chennai. The webinar mainly focused on the latest techniques adopted in drone survey.

## Online Quiz Contest - 2021

**Date: 23<sup>rd</sup> July 2021 to 30<sup>th</sup> July 2021**

The Department of CIVIL organized quiz contest titled 'Online quiz contest- 2021' on 23rd July 2021 to 30<sup>th</sup> July 2021. The quiz mainly focus to enrich the students attempt to answer questions correctly about a certain subject.



## Parents Meeting



Bridging communication between parents and teachers

**Parent - Teacher - Student Connect 2021 (online)**



## Interior design online certification course on "Smart home using Smart Phone"

**Date: 11th June 2021**

**Resource Person:** Prof. K. Rajkumar Head/OoA,  
KPRIET.

The Department of Civil Engineering organized a webinar titled "Smart Home using phone" on 11th June 2021 via google meet. The resource person of the event was Prof. K.Rajkumar, Head/OoA, KPRIET. The main aim of this webinar is to provide an orientation on interior design for the students of class 11 and 12.

## Design your destiny- "3D Designs"

**Date: 29.07.2021 to 12.08.2021**



## Webinar on "Durability of concrete structures"

Date: 09<sup>th</sup> August 2021

**Resource Person:** Mr. P. Sudharsan,  
Technical Engineer,  
Dalmia Bharath Cement Ltd.  
South Zone.

The Department of Civil Engineering organized a webinar titled 'Durability of concrete structures' on 09th August 2021 via google meet. The resource person of the event was Mr.P.Sudharsan, Technical Engineer, Dalmia Bharath Cement Ltd., South Zone. The webinar focused on concrete and its durability properties.



## Webinar on "Concrete - An overview of current and future trends"

Date:11.08.2021

**Resource Person:** Dr. Abdul Rahman Mohd. Sam,  
Associate professor,  
Department of Structure and materials,  
School of civil Engineering,  
University Teknologi Malaysia.

The Department of Civil Engineering organized a webinar titled 'Concrete - An overview of current and future trends' on 11th August 2021 via google meet. The resource person of the event was Mr Dr. Abdul Rahman Mohd. Sam, Associate professor, Department of Structure and materials, School of civil Engineering, University Teknologi Malaysia, Malaysia. The webinar mainly focused on concrete and its future trends.



## Webinar on “Preparation Strategy for GATE 2022”

Date:13.08.2021

**Resource Person:** Mr. MD Baseet Alam (PGDIE- NITIE Mumbai),  
GATE / ESE Faculty,  
ACE Engineering Academy

The Department of Civil Engineering organized a webinar titled 'Preparation strategy for GATE 2022' on 13th August 2021 via google meet. The resource person of the event was Mr. MD Baseet Alam (PGDIE- NITIE Mumbai), GATE / ESE Faculty, ACE Engineering Academy. The main aim of this webinar is to make the students aware about the benefits and preparation strategy for GATE Examination for their higher studies.



## Webinar on "Trends in Construction industry: Post COVID -19"

**Date: 01. 08. 2021**

**Resource Person:** Er. S. Selvaraj,  
Managing Director,  
Swamy Builders, Erode.

The Department of Civil Engineering organized a webinar titled 'Trends in Construction industry: Post COVID -19' on 17<sup>th</sup> August 2021 via google meet. The resource person of the event was Er. S. Selvaraj, Managing Director, Swamy Builders, Erode. The main aim of this webinar is to make the students learn about the trends and new technology in construction industry.

**KPR Institute of Engineering and Technology**  
(Autonomous, NAAC "A")

**Department of Civil Engineering**

Bridging communication between parents and teachers

**Parent - Teacher - Student Connect 2021**  
(for II year)

Join us on Google Meet

We whole-heartedly invite all the parents & students to this virtual connect

**KPR Institute of Engineering and Technology**  
(Autonomous, NAAC "A")

**Department of Civil Engineering**

Born to Build  
Department of Civil Engineering

**IIPC**

We support the Sustainable Development Goals

Department of Civil Engineering in association with Industry Institute Partnership cell (IIPC) organizes Webinar on "Trends in Construction Industry: Post COVID-19"

Er. S. Selvaraj D.C.E., B.Arch., Managing Director, Swamy Builders, Erode.

Time: 11.00 A.M – 12.00 Noon  
Date: 17.08.2021

E-certificate will be provided to all the participants

Join us on Google meet <https://meet.google.com/kiy-axnh-api>

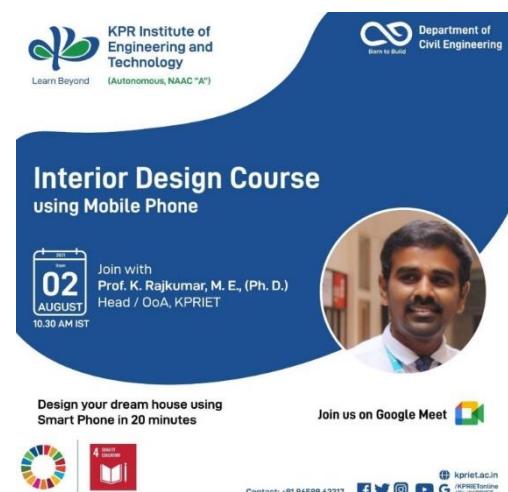
For more information contact:  
Mr. S. Logeswaran AP/Civil  
+91 96595 36883

## Interior Design Course using phone

**Date:** 02<sup>nd</sup> August 2021

**Resource Person:** Prof. K. Rajkumar Head/OoA,  
KPRIET.

The Department of Civil Engineering organized a webinar titled "Smart Home using phone" on 02<sup>nd</sup> August 2021 via google meet. The resource person of the event was Prof. K.Rajkumar, Head/OoA, KPRIET.



## Webinar on "Aviation and Robotics in Civil Engineering"

**Date:** 09.08.2021

**Resource Person:** Dr. S. Arivazhagan,  
Innovation officer,  
Aviation and Robotics  
club,  
KPRIET.

The Department of Civil Engineering organized a webinar titled 'Aviation and Robotics club' on 1st September 2021 in Raagam Hall. The resource person of the event was Dr.S.Arivazhagan, Innovation officer, Aviation and Robotics club, KPRIET. The webinar focused on the Robotics Technology that are currently adopted in various field of civil Engineering.



## Webinar on "Python for Civil

### Engineers"

**Date:** 11.08.2021

**Resource Person:** Mr. K . Vedanth Shenoy,  
Chief Technology Officer ( AI-ML Trainer),

Zephyr Technologies &  
Solution Pvt Limited,  
Mangalore, Karnataka.

The Department of Civil Engineering organized a webinar titled 'Python for Civil Engineers' on 23<sup>rd</sup> September 2021 via google meet. The resource person of the event was Mr. K . Vedanth Shenoy, Chief Technology Officer ( AI-ML Trainer), Zephyr Technologies & Solution Pvt Limited, Mangalore, Karnataka. The webinar mainly focused on the Artificial Intelligence and Machine Learning related to the Civil Engineering Department conducted to all the Faculty members.



## Python for Civil Engineers



### RESOURCE PERSON

**Mr. K. VEDANTH SHENOY**  
**Chief Technology Officer**  
**(AI-ML trainer)**

*Zephyr Technologies & Solution Pvt Limited  
Mangalore, Karnataka*

DATE : 23.09.2021

TIME : 4.15 PM

VENUE : The Legend

Convenor:  
Dr. G . Anusha  
Head/ Civil Department

Coordinators:  
Dr. S . Kanmani  
Mr. S . Vinod

SUSTAINABLE  
DEVELOPMENT  
GOALS



## Faculty Development Programme on “Bridge Engineering”

Date:27.09.2021 to 01.10.2021

**Resource Person:** Dr. V. K. Raina,

Ph.D.(London),DIC(London),MICE(London),C.Eng(London),  
P.Eng.(Ontario, Canada),  
AICTE Distinguished Professor,  
KPRIET.

The Department of Civil Engineering organized a Faculty Development Programme on 'Bridge Engineering' on 27th August 2021 to 01<sup>st</sup> October 2021 via Microsoft teams. The resource person of the event was Dr. V. K. Raina, Ph.D. (London), DIC(London), MICE(London), C.Eng(London), P.Eng.(Ontario, Canada), AICTE Distinguished Professor, KPRIET.

## Research and Development

### Faculty Publications

- ❖ D.Vivek Published paper on the title “Flexural Behaviour of Chicken Mesh Ferrocement Laminates with Partial Replacement of Fine Aggregate by Steel Slag” in Advances in material science and Engineering, Volume 2021.
- ❖ Dr.A.K Priya Published paper on the title “A review on recent advancements in photocatalytic remediation for harmful inorganic and organic gases” in Chemosphere, Volume 284, December 2021, 131344.
- ❖ Dr.A.K Priya Published paper on the title “Investigation of mechanism of heavy metals (Cr<sup>6+</sup>, Pb<sup>2+</sup>& Zn<sup>2+</sup>) adsorption from aqueous medium using rice husk ash: Kinetic and thermodynamic approach” in Chemosphere, Volume 286, Part 3, January 2022, 131796.
- ❖ Dr.A.K Priya Published paper on the title “Experimental studies on the removal of heavy metal ion concentration using sugarcane bagasse in batch adsorption process” in Desalination and water treatment, Volume 224, pp.256-272.
- ❖ Dr.A.K Priya Published paper on the title “The influence of different parameters in tribological characteristics of pineapple/sisal/TiO<sub>2</sub> filler incorporation” in Journal of Industrial Textiles, p.15280837211022614.
- ❖ Dr.R. Dharmaraj Published paper on the title “Influence of Diethanolamine on the Properties of Concrete, Corrosion Rate of Rebar and Renewable Energy Generation” in Arabian Journal for Science and Engineering, 2021.
- ❖ Dr.R Dharmaraj Published paper on the title “Novel Approach to Handling Microfiber-Rich Dye Effluent for Sustainable Water Conservation” in *Advances in Civil Engineering*, Volume 2021, Article ID 1323472, 10 pages.
- ❖ Dr.R Dharmaraj published paper on the title “Investigation of Mechanical and Durability Properties of Concrete Mixed with Water Exposed to a Magnetic Field” in *Advances in Civil Engineering*, Volume 2021, Article ID 2821419.
- ❖ D. Vivek published paper on the title “Mechanical and durability studies of high performance concrete (HPC) with nano-silica” in Materials Today: Proceedings, 2021.
- ❖ D. Vivek published paper on the title “A review on removal of industrial dyes using low cost natural adsorbents” in AIP Conference Proceedings, Vol 2396, 2021.

- ❖ Dr.A.K Priya published paper on the title “A critical review on various remediation approaches for heavy metal contaminants removal from contaminated soils” in Chemosphere, Volume 287, Part 4, 2021.
- ❖ Dr.A.K Priya published paper on the title “Orange peel extract influenced partial transformation of SnO<sub>2</sub> to SnO in green 3D-ZnO/SnO<sub>2</sub> system for chlorophenol degradation” in Journal of Hazardous Materials, 127464.

## Faculty Achievements

Name of the Faculty	Type of Program	Title of the Program	Organising Institute
Dr.S.Kanmani Dr.V.Rajeshkumar	Competition	Kaizen competition	QCFL, CBE chapter
Dr.G.Anusha	Membership	Individual Member	International Water Association
Mr.K.Rajkumar	Award	Best startup of the year -2021 KPR INFRA	World Startup Conclave – 2021 by Global Triumph with MSME
Lt.Dr.A.K Priya	Award	Best Faculty Advisor Award 2021	Institute of Engineers (India) - (IEI), Hosur Chapter
Mrs.S.Bharani	Award	Best Faculty Advisor Award 2021	Institute of Engineers (India) - (IEI), Hosur Chapter
Mr.P.Manikandan	Elite + Silver	NPTEL course	Geographic Information Systems
Mrs.C.Vinodhini	Elite	NPTEL course	Geographic Information Systems
Mr.S.Venkat Raman	Elite + Silver	NPTEL course	Creative Thinking
Lt.Dr.A.K Priya	Elite	NPTEL course	Creative Thinking
Dr.S.Kanmani	First place in Best idea	KPRIET	INNOVSENSE 2021

## Faculty Participation

Name of the Faculty	Conference / Seminar / Workshops / FDP / Internships	Title of the Program	Organised & Conducted at (Venue)	Date
Ms.C.Vinodhini	ATAL FDP	Human Factors in software design	ATAL Training and learning Academy / IIT Kancheepuram	21.06.2021 to 26.06.2021
Ms.C.Vinodhini	FDP	Design of tall buildings using Etabs and case studies of kanadurga flyover vijayawada	Karpagam academy of higher education	04/06/2021
Mr.D.Vivek	FDP	Recent Advancement in Civil Engineering-Phase-I	GMRIT	07.06.2021
Dr.R.Dharmaraj	FDP	Bridge Engineering	KPRIET	21.06.2021 to 25.06.2021
Ms.C.Vinodhini	FDP	Central Air conditioning of a House using Revit (Online Live FDP)	ICT ACADEMY	28.6.2021 to 02.07.2021
Ms.C.Vinodhini	FDP	Advanced Applications of Structural Concrete in Civil Engineering	KL deemed University / in association with Indian concrete Institute	07.06.2021 to 12.06.2021
Ms.C.Vinodhini	Online quiz	Online quiz	Dr.N.G.P. Institute of Technology, Coimbatore, in association with Builders' Association of India, Coimbatore Center	21.06.2021 to 26.06.2021
Ms.C.Vinodhini	Online webinar	Water and Wastewater Treatment Technologies	Dr.N.G.P. Institute of Technology, Coimbatore, Indian Water Works	12.06.2021

			Association, Mumbai	
Ms.C.Vinodhini	Online webinar	International Yoga Day	K.D.K College of engineering. Nagpur / ACC Cement	21.06.2021
Mrs.R.Kavitha	Webinar	From Imagination to Expression' by international artist	Tata Structures	03.06.2021
Ms.C.Vinodhini	Webinar	Recent advancement in Fibre Reinforced concrete	Dr.NGP Institute of technology	05.06.2021
Ms.C.Vinodhini	Webinar	Dredging and Reclamation - A Promising Industry & Career Choice	Dr.N.G.P.Institute of Technology, Coimbatore in association with Indian Plumbing Association, Coimbatore Chapter	09.06.2021
Ms.C.Vinodhini	Webinar	“Professionals in Civil Engineering need to know a bit of Metallurgy”	M. S. Patel Department of Civil Engineering, CSPIT, CHARUSAT Under the aegis of Indian Concrete Institute (ICI) Students Chapter, CHARUSAT	12.06.2021
Ms.C.Vinodhini	Webinar	River Rejunuvation and challenges to civil Engineers	Vivekanandha Institute of Technology in association with Institutions Innovotion council	13.06.2021
Ms.C.Vinodhini	Webinar	Design concepts of steel structural elements	P.S.R College of Engineering , Sivakasi	16.06.2021
Ms.C.Vinodhini	Webinar	Career Opportunities for civil engineers	P.S.R college of Engineering	19.06.2021

Ms.C.Vinodhini	Online Training Programme	Futuristic Research in Disaster Resilience	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Department of Civil Engineering Vidyavardhaka College of Engineering Mysuru	11.06.2021 to 13.06.2021
Ms.C.Vinodhini	Online Training programme	Earthquake Risk Preparedness in North East India	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with North Eastern Hill University Shillong	12.06.2021
Ms.C.Vinodhini	Online training Programme	Food Safety in Disasters	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Food Science & Technology University of Kashmir	15.06.2021
Ms.C.Vinodhini	Online training Programme	"Disaster Resilient Waste Management for Sustainable Spaces"	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with IMPRI Impact and Policy Research Institute	16.06.2021 to 18.06.2021

Ms.C.Vinodhini	Online training Programme	Process Orientation Training Programme on Child Centric Disaster Risk Reduction	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Policy Perspectives Foundation	21.06.2021 to 23.06.2021
Ms.C.Vinodhini	Online training Programme	"Continuity of Education A Major Challenge in 2nd Surge"	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with University of Jammu and Save The Children	24.06.2021
Ms.C.Vinodhini	Online training programme	"Comprehensive Disaster Management"	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with LN Mithila University Bihar	24.06.2021
Ms.C.Vinodhini	Online training programme	"Importance of Road Safety and Life Saving Techniques Amongst Children"	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with FICCI	30.06.2021
Ms.C.Vinodhini	FDP	Process Orientation Training Programme on Child Centric Disaster Risk Reduction	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with MCRHRD Institute of Telangana	17.06.2021 to 19.06.2021

Ms.C.Vinodhini	online training programme	"Importance of Road Safety and Life Saving Techniques Amongst Children"	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with FICCI	30.06.2021
Ms.C.Vinodhini	Online training programmme	"Personal Financial Management for Disaster Risk Reduction and Resilience	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Association of Mutual Funds in India SEBI	22.6.2021
Dr.G.Anusha	STTP	Advancement in sustainable management system	AICTE	24.06.2021 to 30.06.2021
Ms.C.Vinodhini	Webinar	"Overview of Deep Foundation Testing Methods"	Vidhyavardhaka college of engineering , Bengaluru	02.07.2021
Dr.S.Kanmani	Webinar	A Short Course On Soil Exploration	Indian Geotechnical Society	02.07.2021
Ms.C.Vinodhini	webinar	Practical difficulties of concreting in the field	Qcrete Ready mix concrete	03.07.2021
Dr.S.Kanmani	Webinar	A Short Course On Soil Exploration	Indian Geotechnical Society	03.07.2021
Dr.S.Kanmani	Virtual Industrial visit	Ze'abeel Project	Sethu Institute of Technology	31.07.2021
Dr.R.Dharmaraj	FDP	Recent Advancements in Civil Engineering-Phase-II	GMR Institute of Technology	12.07.2021 to 17.07.2021
Ms.C.Vinodhini	webinar	The use of Innovative technologies in construction industry	Ramco Institute of technology	13.07.2021
Ms.B.S Meenakshi	ATAL FDP	Design Aesthetics theory and practice	AICTE ATAL	14.07 2021 to 18. 07 .2021

Ms.B.S Meenakshi	Webinar	ISO Refresher Training Programme	KPRIET	14.07.2021 to 15.07.2021
Dr.S.Kanmani	FDP	Green Building Practices	Velammal College of Engineering & Technology, Madurai-625 009, Tamilnadu.	19.07.2021
Dr.S.Kanmani	AICTE ATAL one-week FDP (Online)	Internet of Things (IoT) for Agriculture	Nirma University, Ahmedabad, Gujarat, India	19.07.2021 to 23.07.2021
Ms.B.S Meenakshi	Event	Mindselo young creator programme	Mindselo	20.07.2021
Ms.C.Vinodhini	Online live FDP	Central Air conditioning of a House using Revit (Online Live FDP)	ICT academy	28.06.2021 to 02.07.2021
Ms.C.Vinodhini	FDP	Central Air conditioning of a House using Revit (Online Live FDP)	ICT academy	28.06.2021 to 02.07.2021
Dr.R.Dharmaraj	FDP	Futuristic Trends in Civil Engineering	New Horizon College of Engineering	5.7.2021 to 10.7.2021
Mr.S.Elavarasan	FDP	Recent trends and Developments in the field of Civil Engineering	ATAL	12.07.2021
Lt.Dr.A.K Priya	FDP	Recent Advancements in Civil Engineering - Phase-II	GMR Institute of Technology	12.07.2021- 17.07.2021
Lt.Dr.A.K Priya	STTP	Design thinking for innovation in higher education	Saveetha engineering College	21.06.2021- 03.07.2021
Ms.B.S Meenakshi	Hackathon	5G networking slicing UAV	Alison	22.07.2021
Ms.B.S Meenakshi	Contest	Young creator contest	Minsealo	20.07.2021
Dr.R.Dharmaraj	FDP	Futuristic Trends in Civil Engineering	New Horizon College of Engineering	5.7.2021 to 10.7.2021
Mr.S.Elavarasan	FDP	Recent trends and Developments in the field of Civil Engineering	ATAL	12.07.2021

Lt.Dr.A.K Priya	FDP	Recent Advancements in Civil Engineering - Phase-II	GMR Institute of Technology	12.07.2021-17.07.2021
Lt.Dr.A.K Priya	STTP	Design thinking for innovation in higher education	Saveetha engineering College	21.06.2021-03.07.2021
Dr.K.S.Elango	Leadership Development Program	Leadership Development Program	KPR Institute of Engineering and Technology	26.07.2021
Dr.G.Anusha	Leadership Development Program	Leadership Development Program	KPR Institute of Engineering and Technology	26.07.2021
Mrs.P.Indhiradevi	Leadership Development Program	Leadership Development Program	KPR Institute of Engineering and Technology	26.07.2021
Lt.Dr.A.K Priya	Leadership Development Program	Leadership Development Program	KPR Institute of Engineering and Technology	26.07.2021
Dr.R.Dharmaraj	Leadership Development Program	Leadership Development Program	KPR Institute of Engineering and Technology	26.07.2021
Dr.V.Rajeshkumar	Leadership Development Program	Leadership Development Program	KPR Institute of Engineering and Technology	26.07.2021
Mr.P.Manikandan	Leadership Development Program	Leadership Development Program	KPR Institute of Engineering and Technology	26.07.2021
Ms.C.Vinodhini	Webinar	"Early warning and communication on flood"	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India	11.08.2021
Ms.C.Vinodhini	webinar	"Environmental Education and Awareness among Children and Youth "	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Centre for Environment Education	12.08.2021

Ms.C.Vinodhini	Online training programme	"Covid-19 Psychological Impact of School Closures on Early Childhood"	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with YWCA of Delhi	13.08.2021
Mr.P.Kalaivanan	Webinar	Introduction to Artificial Intelligence	Lincoln school of management	14.08.2021
Ms.R.Kavitha	Webinar	10 simple ways to protect the environment	Sipping Thoughts	17.08.2021
Dr.S.Kanmani	ATAL FDP	Waste Technology: Emerging Strategies in waste management solutions	Dr.Ambedkar Institute of Technology	23.08.2021 27.08.2021
Ms.K.Dhivya	Online Workshop	Construction Planning and Management	M.Kumaraswamy college of Engineering	28.08.2021
Ms.K.Dhivya	ATAL FDP	Sustainable construction practices in civil engineering	Government polytechnic, Sakoli	30.08.21 - 03.09.2021
Ms.C.Vinodhini	online training programme	Climate Change, Urbanisation and Multi-hazard Management	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Mahatma Gandhi State Institute of Public Administration	20.09.2021 to 22 .09.2021
Ms.C.Vinodhini	online training programme	"Where Are We Now - The Sendai Framework for Disaster Risk Reduction After Five Years"	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Assam State Disaster Management Authority	21.09.2021

Dr.S.Kanmani	ATAL FDP	Innovative Contactless Investigation Technique in Civil Engineering	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology	06.09.2021 - 10.09.2021
Ms.C.Vinodhini	online training programme	Challenges of Resilient Development and Disaster Risk"	National Institute of Disaster Management, Ministry	21.09.2021
Ms.C.Vinodhini	online training programme	Content Orientation Training Programme on CCDRR	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Manipur University	22.09.2021 to 24.09.2021
Ms.K.Dhivya	FDP	Brigde Engineering	KPRIET	27.09.2021 – 01.10.2021
Mr.S. Venkatraman	ATAL FDP	Sustainable construction practices in civil engineering	Government polytechnic, Sakoli	30.08.21 - 03.09.2021
Mr.S. Venkatraman	Tech talk	Life cycle assessment approach for sustainable practices in engineering	Sai Ram engineering college	04.09.2021
Ms.K.Dhivya	Online Course	Sanitation Technology	Global Graduate Sanitation School	01.09.2021 - 10.09.2021
Dr.S.Kanmani	Online Course	Sanitation Technology	Global Graduate Sanitation School	01.09.2021 - 10.09.2021

### Faculty as Resource Person

Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
Dr.S.Kanmani	Webinar	Sustainable Waste Management through bio-warrior Approach	Srikrishna College of Technology	02.06.2021
Dr.S.Kanmani	FDP	FDP on Environmental Management	NSRIT, Vizag	19.06.2021

Lt.Dr.A.K.Priya	Webinar	Career opportunities in Indian armed services	KPRIET	20.06.2021
Dr.K.S.Elango	One week Online FDP	Recent Advancements in Civil Engineering – Phase II	GMR Institute of Technology	16.07.2021
Lt.Dr.A.K.Priya	FDP	Utilization of industrial by-products in different sectors for environmental sustainability	Sathyabama Institute of Science and Technology	13.07.2021
Lt.Dr.A.K.Priya	Webinar	Zero Waste Management	Industrial Waste Management Association	24.07.2021
Lt.Dr.A.K.Priya	Webinar	Bio mediation: Environmental Cleanup process	IEI Trichy chapter	20.07.2021
Lt.Dr.A.K.Priya	FDP	Utilization of industrial by-products in different sectors for environmental sustainability	Sathyabama Institute of Science and Technology	13.07.2021
Lt.Dr.A.K.Priya	Webinar		Sipping thoughts	17.08.2021
Lt.Dr.A.K.Priya	Webinar	Technological Advancements in Construction Industry	B.T.R Construction, Erode	08.09.2021
Mrs.R.Kavitha	Webinar	Innovation for optimisation in design and construction	B.T.R Construction, Erode	14.09.2021
Dr.S.Kanmani	National level technical webinar	Sustainable Approach for Waste Management	St Joseph University	14.09.2021
Dr.S.Kanmani	AICTE FDP	A Beeline for circular Economy through Sustainable waste Management(Phase II)	K.S.R College of Engineering	20.09.2021-25.09.2021

## Faculty Industrial Visit

Name of the Company	Date	Faculty Name
TWG Group, Coimbatore	11-08-2021	Dr.V.Rajesh Kumar Mr.D.Vivek
Linear Point Survey Pvt Ltd	11-08-2021	Dr.V.Rajesh Kumar Mr.D.Vivek
COCENA	13-08-2021	Dr.R.Dharmaraj Mr.D.Vivek Mr.S.Logeshwaran
BAI, Coimbatore	13-08-2021	Dr.R.Dharmaraj

		Mr.D.Vivek Mr.S.Logeshwaran
SSB Associates	13-08-2021	Dr.R.Dharmaraj Mr.D.Vivek Mr.S.Logeshwaran
Janani Enviro Tech Pvt Ltd, Coimbatore	28-08-2021	Mrs.B.S.Meenakshi
Karma Innovation, Coimbatore	28-08-2021	Mrs.B.S.Meenakshi
Teemage Precast, Tiruppur	04-09-2021	Dr.S.Kanmani Mr.P.Kalaivanan
AR Laminates and Shelters, Coimbatore	04-09-2021	Dr.S.Kanmani Mr.P.Kalaivanan
Struzon, Chinniyampalayam	04-09-2021	Dr.S.Kanmani Mr.P.Kalaivanan
Paanyayil Heavy Engineering Fabrications (PHEF)	30-09-2021	Mr.K.Rajkumar Mr.S.Yuvaraj
Vimta labs limited, Coimbatore	12-10-2021	Dr.S.Kanmani Mr.P.Kalaivanan
Mastrolee Solutions Limited, Coimbatore	12-10-2021	Dr.S.Kanmani Mr.P.Kalaivanan
Krish Properties limited, Coimbatore	12-10-2021	Dr.S.Kanmani Mr.P.Kalaivanan

## Students Achievement

Student	Class	Achievement	Organizer
S Siddarth	I Civil	Secured elite in NPTEL	NPTEL
Naveenkumar K, Ramya S, Sabarinathan M, Shanjai P, Santhoshkumar J, Venkatesh T, Nikhil U	I Civil	Successfully completed the NPTEL Certification course	NPTEL
N.P. Dharani Krishna, P.R.Shanjai, S.Sivaramakrishnan,M.Sabarinathan, R.Shiyamala, V.Dharun	II Year	Winning Silver	Kaizen Competition, QCFI, CBE Chapter
Ms.Dharani	III Year	Selected as Tamilnadu state team cricket player	Tamilnadu Cricket association
Mohammed Rafek B	Alumni	Placed in NeXHS as Design Engineer	NeXHS, Chennai

Er.S Vishnu and Er.T Suriya prakash	Alumni	Successfully completed their first project as Entrepreneur	Aashirya Construction, Tiruppur
R Varsha	IV Year	77.820 Percentile in ME/M.Tech. TANCET	Anna University, Chennai
Yazhmozhi G	IV Year	72.532 and 94.750 Percentile in MBA TANCET	Anna University, Chennai
Mr. G. Gokul	IV Year	Cav Dr. GKD Memorial Award for the year 2021	Institute of Engineers (India) - (IEI), Coimbatore Chapter



**Mr.G.Gokul of Final year received Cav Dr. GKD Memorial Award for the year 2021**

### **Students Participation**

Name of the student	Year and Section	Webinar / Quiz / other contest	Name of the program	organizing Institute	Date of the event
Jagatheeswar K	III	QUIZ	Autocad Quiz	Pitronix Solutions	01.06.2021
Tamil mani .p	III	Ouiz	Lock and key	KPRIET	19.06.2021

Faheem Ahmed A	III B	Webinar	Science Behind Vasthu	Nehru Institute of Technology	08.06.2021
Jagatheeswar K	III- A	5 Day Faculty development programme	FDP on "Bridge Engineering"	KPRIET	21.06.2021- 25.06.2021
Varshita K	III	Quiz	Job opportunities in civil engineering	Dr.NGP Institute of Engineering and technology	12.07.2021
Tamil mani.P	III A	competition	brain tearers	KPRIET	15.07.2021
Saranya R	III A	Quiz	Job opportunities in civil engineering	Dr.NGP Institute of Engineering and technology	12.17.2021
Tamil mani P	III A	competition	connect with ham (series 1)	KPRIET	17.07.2021

### Students Certification Course

Name of the student	Yr and Section	Course Name	Name of the program	organizing Institute	Status
Jagatheeswar K	III- A	SKILLUP by simplilearn	Ethical Hacking for Beginners	SKILLUP	Completed
Jagatheeswar K	III-A	UDEMY	Carrier Completion And Blue Print	UDEMY	Completed
Abisek E	II A	Software Course	Sketchup	DSOL Global	International Certification
Ajith kumar J	II A	Software Course	Sketchup	DSOL Global	International Certification
Bala murugan V S	II A	Software Course	Sketchup	DSOL Global	International Certification

Chandragowri M J	II A	Software Course	Sketchup	DSOL Global	International Certification
Chellapriya B	II A	Software Course	Sketchup	DSOL Global	International Certification
Dharani krishna N P	II A	Software Course	Sketchup	DSOL Global	International Certification
Dharun V	II A	Software Course	Sketchup	DSOL Global	International Certification
Ganapathi subramaniam C K	II A	Software Course	Sketchup	DSOL Global	International Certification
Jegan S	II A	Software Course	Sketchup	DSOL Global	International Certification
Kamala kannan A	II A	Software Course	Sketchup	DSOL Global	International Certification
Karthick T	II A	Software Course	Sketchup	DSOL Global	International Certification
Madhan kumar C	II A	Software Course	Sketchup	DSOL Global	International Certification
Manoj S	II A	Software Course	Sketchup	DSOL Global	International Certification
Mukesh V P	II A	Software Course	Sketchup	DSOL Global	International Certification
Nandhika E	II A	Software Course	Sketchup	DSOL Global	International Certification
Prasanna S	II B	Software Course	Sketchup	DSOL Global	International Certification
Rahuma V M	II B	Software Course	Sketchup	DSOL Global	International Certification
Santhiya L	II B	Software Course	Sketchup	DSOL Global	International Certification
Shanjai P R	II B	Software Course	Sketchup	DSOL Global	International Certification
Shri dharshini S	II B	Software Course	Sketchup	DSOL Global	International Certification

Siddarth S	II B	Software Course	Sketchup	DSOL Global	International Certification
Aravindhan N	III A	Software Course	Sketchup	DSOL Global	International Certification
Arun Arvind K	III A	Software Course	Sketchup	DSOL Global	International Certification
Nandhakrishnaa N	III A	Software Course	Sketchup	DSOL Global	International Certification
Nithishwar S N S	III A	Software Course	Sketchup	DSOL Global	International Certification
Santhosh kumar T	III A	Software Course	Sketchup	DSOL Global	International Certification
Tamilmani P	III A	Software Course	Sketchup	DSOL Global	International Certification
Boopathy K	III B	Software Course	Sketchup	DSOL Global	International Certification
Nitin M	III B	Software Course	Sketchup	DSOL Global	International Certification
Santhosh M	III B	Software Course	Sketchup	DSOL Global	International Certification
Omkar C	III B	Software Course	Sketchup	DSOL Global	International Certification



### Students Industrial Visit

Name of the Site/ Industry/ Plant	Date	Year
STTP Plant, Tirupur	25.09.2021	II
Ganesha RMC Plant, Coimbatore	29.09.2021	II

### Industrial visit for the II year Students at STTP Plant, Tirupur

### Consultancy

Organization / Client	Fund Generated
RVK Building Developers Pvt. Ltd	11000
Dr. Valavan & Dr. Bharanidharan RVK Building Developers Pvt. Ltd.,Tirupur.	3600
Mr. Preveen Kumar (Faculty) Sri Vidhya Nikethan Engineering College	5250
Sakthy Fly-Ash Bricks and Pavers	450
Dr. P. Rajkumar	1350
Sri Sakthi Constructions	4500
RVK Building Developers Pvt. Ltd.	4000
Orange Stone Construction	10000
Sri Sakthi Constructions	2700
Mr.Vijayendra kukanur, Raichur.	600
S. Mohan Kumar Seven Leaf Chengapalli, Tiruppur	450
J. Infant Joy (student) GCE, Salem	1950
K. Balaji (student) GCE, Salem	1950
Dr.P.Gunaselan	20000
Mr.Udhayakumar	1350

## Department Activities

### Teacher's Day Celebration:



## Engineer's Day Celebration

