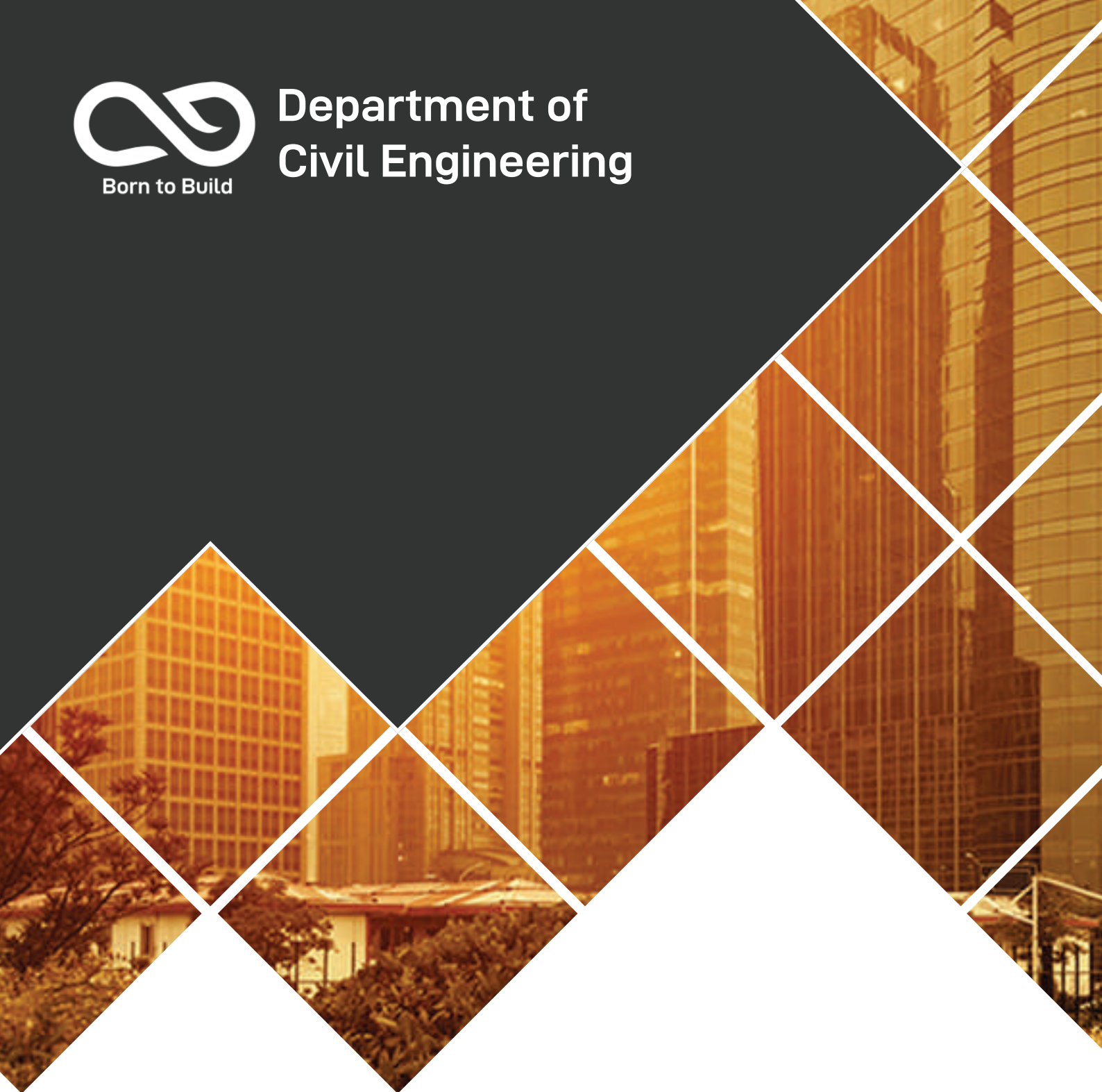




Department of  
Civil Engineering



# Monthly Newsletter

MAY 2022



Learn Beyond

KPR Institute of  
Engineering and  
Technology

(Autonomous, NAAC "A")



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## EDITORIAL BOARD

### Editor in Chief

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**Dr. G. Anusha**

Professor & Head

Department of Civil Engineering

### Editor

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**Ms. K. Dhivya**

Assistant Professor

Department of Civil Engineering

## IN THIS ISSUE



## 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, E-Tabs, 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 Organized

### Contest on “CADD RIDDLE 1.0”

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted a contest “CAD RIDDLE 1.0” on 08.05.2022. The main aim of this Contest is to make the students to design and draw the Building Plan as per the given requirement and also to test their creativity level of brief basic and advanced amenities in construction sectors.

Totally 45 student participants and 2 faculties from various colleges in India like NIT- Calicut, NIT Rourkela, IEST shibpur, and Lovely provisional university-Punjab have participated in the contest through online.

In this contest, participants are instructed to create the general layout of the house in their innovative ways with additional features like a backyard, children’s play area, a lawn & seating area, and a garden. And also, instructed to write an abstract not more than 250 words in which it must describe a feasible solution for the project to become environmentally friendly and sustainable.

KPR Institute of Engineering and Technology  
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Avinashi Road, Arasur, Coimbatore.

Department of Civil Engineering

Presents AutoCAD Contest

**CAD RIDDLE 1.0**

in association with  
ICI student chapter, coimbatore

May 08, Sunday  
Time : 11 am to 3 pm

SUSTAINABLE DEVELOPMENT GOALS

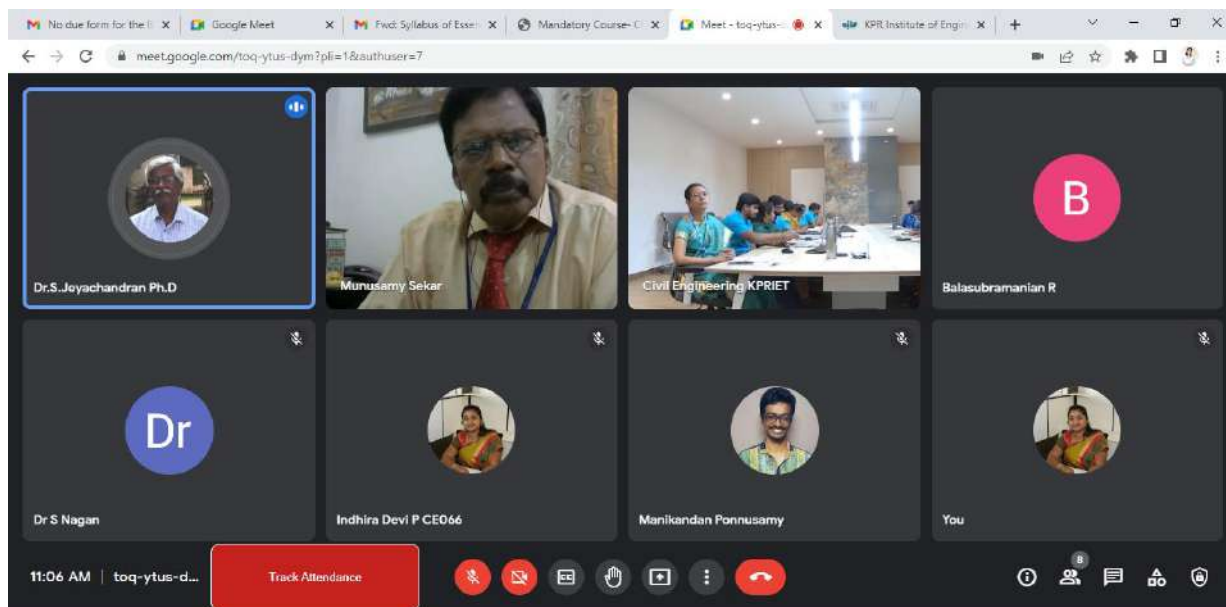
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Student Coordinators  
Mr. K.K.Thitheashwar - 9488935922  
Mr. G.M.SureshKumar - 8300486283  
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## Board of Studies Meeting

Department of Civil Engineering conducted seventh board of studies meeting on 7.05.2022 in Legend hall through online mode.



## Faculty Participation

S.No	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Ms. K. Dhivya	Six day Faculty Development Program	Green Chemistry for Sustainable Development	SRM Institute of Science and Technology	16-05-2022 to 21-05-2022
2	Mrs. S. Bharani	Six day Faculty Development Program	Green Chemistry for Sustainable Development	SRM Institute of Science and Technology	16-05-2022 to 21-05-2022
3	Dr. V. Rajeshkumar	Six day Faculty Development Program	Green Chemistry for Sustainable Development	SRM Institute of Science and Technology	16-05-2022 to 21-05-2022
4	Dr. G. Anusha	Six day Faculty Development Program	Green Chemistry for Sustainable Development	SRM Institute of Science and Technology	16-05-2022 to 21-05-2022
5	Dr. A. K Priya	Workshop	"Climate Proofing of Watershed Development Projects with special reference to Soil and	ICAR-IISWC, Research Centre, Udhagamandalam,	02.05.2022 to 03.05.2022

			Water Conservation Technologies”		
6	Ms. K. Dhivya	Workshop	“Climate Proofing of Watershed Development Projects with special reference to Soil and Water Conservation Technologies”	ICAR-IISWC, Research Centre, Udhagamandalam,	02.05.2022 to 03.05.2022
7	Mr. S. Vinoth	Workshop	“Climate Proofing of Watershed Development Projects with special reference to Soil and Water Conservation Technologies”	ICAR-IISWC, Research Centre, Udhagamandalam,	02.05.2022 to 03.05.2022
8	Mr. S. Ganesh Kumar	Workshop	“Climate Proofing of Watershed Development Projects with special reference to Soil and Water Conservation Technologies”	ICAR-IISWC, Research Centre, Udhagamandalam,	02.05.2022 to 03.05.2022
9	Dr.G Anusha	National Level conference	Advancement in sustainable materials, Design and Application	M Kumarasamy College of Engineering	04.05.2022
10	Mrs. S.Bharani	International Conference	Digital tools and Technologies on sustainable construction	Sona college of technology	25.05.2022
11	Mr. S. Vinoth	online course	Plagiarism	Elsevier	05.05.2022
12	Mr. S. Vinoth	Online course	Plagiarism: Decision making & dealing with grey-zones across academic Fields	Elsevier	05.05.2022

### Faculty as a Resource Person

S.No	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Dr.R Saravanakumar	International Conference	Digital tools and Technologies on sustainable construction	Sona college of technology	25.05.2022

### Students Participation

S.No	Student	Class	Nature of Program	Name of the program	Organizer	Date
1	Mr. M. Suganeshwaran	II A	Other	Srishit 22	Saints college of engineering	25.05.22
2	Mr. P Vigneshwaran	II B	Webinar	Online Webinar on :Wind Load Acting on Tall Structures and its Significance	Hindustan Institute of Technology and Science (HITS), Coimbatore	08.04.2022
3	Mr. V. Vikram	III A	Sports	Hand ball	KPRIET	07.04.2022
4	Mr. K. Manoj	III - A	Quiz	Electric Vehicles	Kpriet	20.05.2022
5	Mr. K. Manoj	III-A	Certification Course	Python	Coding Ninjas	3.3.2022
6	Mr. K. Manoj	III - A	Certification Course	Python	Codestudio	2.3.2022
7	Mr. K. Manoj	III - A	Certification Course	Python	Flair	3.4.2022

### Faculty Publication details

- Dr. A.K. Priya and Ett al Published paper on the title “Microplastics in the environment: Recent developments in characteristic, occurrence, identification and ecological risk”, SCI, May 2022.
- Mr. S. Thanigaivel, Dr. A.K. Priya and Ett al Published paper on the title “Role of nanotechnology for the conversion of lignocellulosic biomass into biopotent energy: A biorefinery approach for waste to value-added products” in Science Direct, SCI, May 2022.



- Mr. S. Vinoth, Dr. V. Rajeshkumar, Ms. K. Dhivya and Mr. S. Arjunkumar published paper on the title “ Effect of self-compacting concrete added with concrete debris and steel slag aggregate” in Materials Today Proceedings.
- Mrs. S. Bharani and Gulshantaj Published Book Chapter in Springer titled “ Seismic Response of Composite Bridges: A Review.

### Consultancy Details

S.No	Name of the Laboratory	Amount Received
1.	Strength of Materials Laboratory	Rs. 14,550 /-
2.	Concrete and Highway Laboratory	Rs. 1,350 /-
<b>TOTAL</b>		Rs. 15,900 /-

### NPTEL Acheivements Jan – Apr 2022

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

**NPTEL January - April 2022**  
**Hearty Congratulations**

**Elite + Gold**

Mr. S. Yuvaraj AP (Sr. G.)  
Introduction to Lean Construction

**Elite + Silver**

Dr. V. Rajeshkumar AP (Sr. G.)  
Mrs. R. Kavitha AP (Sr. G.)  
Mrs. P. Indhiradevi AP (Sr. G.)  
Effective Engineering Teaching in Practice  
E - Waste Management Issues and Challenges (CITE)

**Elite**

Dr. K. S. Elango AsP  
NBA Accreditation & Teaching and Learning in Engineering

Mr. P. Manikandan AP  
E - Waste Management Issues and Challenges

Mr. P. Kalaivanan AP  
Safety in Construction

Mr. Vivek Kumar AP  
Geotechnical Engineering

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# Hearty Congratulations

for your excellent performance in NPTEL Exam  
January - April 2022



**KPR Institute of Engineering and Technology**

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**ELITE**



Mr. S. Santhoshkumar  
II CE



Mr. S. Siddarth  
II CE



Mr. N. Santhosh  
III CE

**Natural Hazards**

**SUCCESSFULLY COMPLETED**



Mr. G. Sureshkumar  
II CE



Mr. T. Venkadesh  
II CE



Ms. R. Narmadha  
III CE

**Natural Hazards**

**SUCCESSFULLY COMPLETED**



Ms. Nandhita  
III CE



Ms. Varshita  
III CE

**Natural Hazards**



Ms. V. Varunika  
II CE



Mr. B. Vijay  
II CE



Mr. R. Rithik  
II CE

**Electronic Waste Management  
Issues and Challenges**



Mr. G. Premji  
III CE



Mr. C. Praneshwar  
III CE

**Introduction to Lean  
Construction**

**ELITE**



Ms. M. J. Chandragowri  
II CE  
**Safety in Construction**



Mr. E. Abishek  
II CE



Mr. Arjun Arun Patil  
II CE



Mr. V. Dharun  
II CE



Ms. R. Grace Mercy  
II CE



Mr. M. Pragadesh  
II CE



Mr. V. R. Lalith Adithya  
III CE

**Safety in Construction**

**SUCCESSFULLY COMPLETED**



Mr. M. K. Jeyasakthivelmani  
II CE



Mr. T. Kathiravan  
II CE



Mr. C. Navaneethan  
II CE



Mr. V. Gopikrishnan  
II CE



Mr. N. Nandhakrishna  
II CE



Mr. V. Harish Priyan  
I ME



Mr. C. Aravind  
I ME  
**Geosynthesis and  
Reinforced Soil  
Structures**

**Safety in Construction**



KPRIET supports the Sustainable Development Goals



**Department of  
Civil Engineering**

Born to Build

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