



Department of  
Civil Engineering



# Monthly Newsletter

NOVEMBER 2022



Learn Beyond

KPR Institute of  
Engineering and  
Technology

(Autonomous, NAAC "A")



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## 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

## Vision of the Institute

To become a premier institute of academic excellence by imparting technical, intellectual and professional skills to students for meeting the diverse needs of the industry, society, the nation and the world at large.

## Mission of the Institute

- Commitment to offer value-based education and enhancement of practical skills
- Continuous assessment of teaching and learning process through scholarly activities
- Enriching research and innovative activities in collaboration with industry and institute of repute
- Ensuring the academic process to uphold culture, ethics and social responsibility

## 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 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 must 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.

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

### Programme on “Interaction with Rain man”

**Date: 23.11.2022**

**Resource Person:** Dr. S. R. Ramanan,  
Former Director, Area Cyclone Warning Centre,  
Regional Meteorological Centre,  
Chennai.

KPRIET ASCE Student Chapter in association with the Department of Civil Engineering organized an expert talk on “Interaction with Rain Man” at Thanam hall on 23rd November 2022. Lt Dr A. K. Priya welcomed the gathering & introduced the chief guest, Dr. S. R. Ramanan, Former Director, of Area Cyclone Warning Centre, Chennai. Dr. S. R. Ramanan advised the students to have a dream and asked them to work hard for making it true. He explained the various flood prediction methods & software used in the meteorological department. He also explained the importance of news channels to reach the public the most. And he addressed the students on the opportunities available for civil engineering students in the meteorological department. Students actively took part in the session and cleared their doubts about climatic action and other queries about meteorological department.



## Training on “AutoCADD”

Date: 31.10.2022 to 06.11.2022

Resource Person: **Mr. S. Vinoth**

Assistant Professor,  
Department of Civil Engineering,  
KPRIET.

In collaboration with the ICI student chapter, the Department of Civil Engineering at KPR Institute of Engineering and Technology provided six days of AutoCAD lab training sessions for Civil Engineering students. This training program's major goal is to encourage students to plan and illustrate experiments in accordance with the guidelines provided, as well as to gauge their level of inventiveness. The owner of KM Associates, Er. N. Tamilselvan, shared with the students his knowledge of the field's expectations for the designations of draughtsmen and interior designers. Additionally, he showed students some of his works and explained design principles and the use of fundamental tools with students. In total, 20 students have participated in this training program. The AutoCAD software used is one of the most used software programs for civil engineering, It is used to create 2D and 3D models for the designed project. The tool allows engineers to instantly envision their designs, make any necessary revisions, and use it to create detailed building project drawings.



## Memorandum of Understanding



Department of Civil Engineering Jointly ink Memorandum of Understanding with  
Ayari Venture Private Limited, Greenboro, NC, USA

## Certification Course by Faculty

S.No	Name of the Faculty	Title of the Program	Organising Institute	Date
1	Mrs. B. S. Meenakshi	Innovation and Design Thinking	NASSCOM	16.11.2022
2	Mr. S. Logeshwaran	Product Management Basics by IPL	NASSCOM	10.11.2022
3	Dr. S. Kanmani	Innovation and Design thinking	NASSCOM	16.11.2022
4	Mrs. S. Bharani	Be A Master Communicator	NASSCOM	10.11.2022

### Faculty Participation

S.No	Name of the Faculty	Title of the Program	Organising Institute	Date
1	Dr. R. Saravanakumar	Emerging Trends in Construction	L&T Campus, Chennai	28.11.2022 to 29.11.2022
2	Dr. K. S. Elango	Emerging Trends in Construction	L&T Campus, Chennai	28.11.2022 to 29.11.2022
3	Mr. K. Maruthi Venkatesh	Ground water flow modelling using FEFLOW	Vellore Institute of Technology	25.11.2022 to 26.11.2022
4	Dr. S. Kanmani	Applications of AI ML in Water Resources Engineering	RVR & JC college of Engineering, Guntur	24.11.2022
5	Dr. S. Kanmani	Applications of hybrid AI in Civil Engineering	RVR & JC college of Engineering, Guntur	24.11.2022
6	Dr. S. Kanmani	AIML applications in BIM	RVR & JC college of Engineering, Guntur	18.11.2022
7	Dr. S. Kanmani	ML and AI future of construction	RVR & JC college of Engineering, Guntur	17.11.2022
8	Dr. S. Kanmani	AI enabled GIS and RS application to Civil Engineering	RVR & JC college of Engineering, Guntur	11.11.2022
9	Dr. S. Kanmani	Evolutionary algorithms for optimal reservoir operation	RVR & JC college of Engineering, Guntur	10.11.2022
10	Dr. S. Kanmani	Application of AI MI and DL in contamination site remediation	RVR & JC college of Engineering, Guntur	04.11.2022
11	Dr. S. Kanmani	ANN and Fuzzy Applications in Civil Engineering	RVR & JC college of Engineering, Guntur	03.11.2022
12	Dr. S. Kanmani	IP Awareness Training program	National IPR Awareness mission	02.11.2022
13	Mr. K. Maruthi Venkatesh	Air Quality Monitoring and Analysis	Kongu Engineering College	03.11.2022 to 04.11.2022

### Patent by Faculty

S.No	Name of the Faculty	Title of the Patent
1	Mrs. B. S. Meenakshi Dr. G. Anusha Dr. V. Rajesh kumar Mrs. P. Indhiradevi Mrs. R. Kavitha Ms. T. Sathiyapriya Mr. V. Gurunathan Mr. S. Ganeshkumar	Potential Usage of E-waste in Manufacturing Tiles with Epoxy Resin Coating

### NPTLE Swayam Courses by Students

S.No	Name of the Student	Year	Course Name	Status of Completion
1	Ms. G. Aarthi	II	GPS Surveying	Successfully Completed
2	Mr. R. Akshyraj	II	GPS Surveying	Successfully Completed
3	Ms. A. Dharshinee	II	GPS Surveying	Successfully Completed
4	Mr. Abisheak	II	Sustainable Transportation Systems	Successfully Completed
5	Mr. M. Gokul	II	Municipal solid waste management	Successfully Completed
6	Mr. R. Dhinesh	II	Municipal solid waste management	Elite
7	Mr. J. Logesh	II	Integrated waste management for a smart city	Successfully Completed
8	Mr. S. Kiruphashan	II	GPS Surveying	Successfully Completed
9	Mr. M. Madhubalan	II	GPS Surveying	Successfully Completed
10	Mr. V. Lingeshwaran	II	GPS Surveying	Successfully Completed

11	Ms. C. Mirthika	II	GPS Surveying	Successfully Completed
12	Ms. P. Nagajothi	II	GPS Surveying	Successfully Completed
13	Ms. Y. Sakthi Maheshwari	II	GPS Surveying	Successfully Completed
14	Ms. R. Srinithi	II	GPS Surveying	Successfully Completed
15	Mr. S. Santhoshkumar	III	Municipal solid waste management	Elite
16	Mr. K. Jaipraksh	III	Municipal solid waste management	Successfully Completed
17	Ms. P. M. Almas Meherban	III	Municipal solid waste management	Successfully Completed
18	Mr. R. Navinkumar	III	Municipal solid waste management	Successfully Completed
19	Ms. S. Shridharshini	III	Municipal solid waste management	Successfully Completed
20	Mr. S. Raghul	III	Municipal solid waste management	Successfully Completed
21	Mr. M. Shanmugasundar	III	Municipal solid waste management	Successfully Completed
22	Ms. M. Sangeetha	III	Municipal solid waste management	Successfully Completed
23	Ms. V. Varunika	III	Municipal solid waste management	Successfully Completed
24	Ms. L. Santhiya	III	Municipal solid waste management	Successfully Completed
25	Mr. K. Varatharajan	III	Municipal solid waste management	Successfully Completed
26	Mr. G. Suresh kumar	III	Municipal solid waste management	Successfully Completed
27	Mr. S. Ashik Irfan	III	Municipal solid waste management	Successfully Completed

28	Mr. M. M. Naveenkumar	III	Municipal solid waste management	Successfully Completed
29	Mr. S. Sathiyagnanam	III	Municipal solid waste management	Successfully Completed
30	Mr. U. Nikhil	III	Municipal solid waste management	Successfully Completed
31	Mr. S. Jagan	III	Municipal solid waste management	Successfully Completed
32	Mr. P. Vigneshwaran	III	Municipal solid waste management	Successfully Completed
33	Mr. V. Prathick	III	Municipal solid waste management	Successfully Completed
34	Mr. T. Karthick	III	Municipal solid waste management	Course Topper
35	Mr. J. Ajithkumar	III	Municipal solid waste management	Elite
36	Mr. Arjun Arun Patel	III	Municipal solid waste management	Elite
37	Ms. M. J. Chandragowri	III	Municipal solid waste management	Elite
38	Ms. R. Grace Mercy	III	Municipal solid waste management	Elite
39	Mr. A. S. Jaikumar	III	Municipal solid waste management	Elite
40	Mr. A. Kamalakannan	III	Municipal solid waste management	Elite
41	Mr. N. Kishore	III	Municipal solid waste management	Elite
42	Mr. M. Manojkumar	III	Municipal solid waste management	Elite
43	Mr. S. Mohandass	III	Municipal solid waste management	Elite

44	Mr. E. Abishek	III	Municipal solid waste management	Successfully Completed
45	Mr. S. Akilesh	III	Municipal solid waste management	Successfully Completed
46	Mr. B. Chellapriya	III	Municipal solid waste management	Successfully Completed
47	Mr. V. Gopikrishna	III	Municipal solid waste management	Successfully Completed
48	Mr. V. Harish	III	Municipal solid waste management	Successfully Completed
49	Ms. R. K. Harish	III	Municipal solid waste management	Successfully Completed
50	Mr. T. Kathiravan	III	Municipal solid waste management	Successfully Completed
51	Mr. C. Madhankumar	III	Municipal solid waste management	Successfully Completed
52	Ms. E. Nandhika	III	Municipal solid waste management	Successfully Completed
53	Mr. V. Sridhar	III	Municipal solid waste management	Successfully Completed

### Students Achievement

S.No	Student	Class	Achievement	Organizer
1	Mr. S. Siddarth Mr. P. Vigneshwaran Mr. K. Jaiprakash	III	I Place in ACI Cube Contest of Cash Prize Rs. 10,000 /-	ACI
2	Ms. M. Swathika Mr. K. Nithishkrishna Mr. M. Chiranjeevi	IV	II Place in ACI Cube Contest of Cash Prize Rs. 7,000 /-	ACI

### Students Participation

S.No	Name of the Student	Classes	Nature of the Program	Name of the Program	Organizer	Date
1	Ms. Y. S. Koushika	II	Online Course	Great Learning	Great Learning	01.11.2022 to 10.11.2022
2	Mr. S. K Vasanthan	II	Quiz Series on Physics	Quiz	KPRIET	28.11.2022
3	Mr. K. Gobinath	II	Online Course	Great Learning	Great Learning	15.11.2022 to 22.11.2022
4	Mr. N. Jeevanantham	II	Online Course	Great Learning	Great Learning	07.11.2022 to 10.11.2022
5	Ms. E. Nandhika	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022
6	Mr. N. Kishore	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022
7	Mr. S. Prasannakumar	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022

8	M. M. Manojkumar	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022
9	Mr. C. Madhankumar	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022
10	Mr. P. R. Shanjai	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022
11	Ms. V. M. Rahuma	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022
12	Mr. P. Bhuvaneshwaran	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022
13	Mr. K. Hariharan	III	Seminar	IEI Erode Local chapter sponsored One day seminar	Kongu Engineering College	11.11.2022
14	Mr. A. Sreedharan	III	Seminar	IEI Erode Local chapter sponsored	Kongu Engineering College	11.11.2022

				One day seminar		
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### Faculty Industry Visit

S.No	Name of the Industry	Visit Date	Name of the Faculty's
1.	Royal Tech Builders, Coimbatore	05-11-2022	Mr. S. Logeswaran Mrs. P. Indhiradevi
2	Aero Engineers and Builders, Coimbatore	05-11-2022	Mr. S. Logeswaran Mrs. P. Indhiradevi
3.	RDC Concrete, Coimbatore	05-11-2022	Mr. S. Logeswaran Mrs. P. Indhiradevi
4.	Brahmha Foundation, Coimbatore	07-11-2022	Mrs. B. S. Meenakshi
5.	Veerman Construction, Coimbatore	09-11-2022	Dr. R. Dharmaraj
6.	Sri Sivanantha Construction and Design, Coimbatore	09-11-2022	Dr. R. Dharmaraj
7.	Archolio – The Design Studio, Coimbatore	09-11-2022	Dr. R. Dharmaraj

### Consultancy Details

S.No	Name of the Laboratory	Amount Received
1	Concrete and Highway Engineering Laboratory	Rs. 52,291 /-
2	Strength of Materials Laboratory	Rs. 600 /-
<b>TOTAL</b>		<b>Rs. 52,891 /-</b>

### Placement Details

S.No	Name of the Student	Company Name	Salary Package (LPA)
1	Ms. R. Narmadha	Extra Marks, CTS	7.2, 4
2	Ms. B. Ancy Deena	Extra Marks	7.2
3	Ms. M. Dharani	Extra Marks	7.2
4	Ms. R. Saranya	Extra Marks	7.2
5	Mr. T. Harish Natarajan	CTS	4
6	Mr. K. Dhanagopal	CTS	4
7	Mr. G. Dhilipan	CTS	4
8	Mr. M. Chiranjeevi	Ayari Venture	3
9	Mr. K. Nithishkrishnaa	Ayari Venture	3
10	Mr. A. Dhilipkumar	Ayari Venture	3
11	Mr. N. Sathiyapriya	Ayari Venture	3
12	Mr. S. S. Naveen Kumar	Ayari Venture	3
13	Mr. A. Manoprathap	Ayari venture	3
14	Ms. M. Swathika	Ayari Venture, Vdart	3, 2.18
15	Mr. M. Nitin	Vdart	2.18

### Other Activities



**ACTIVITY NO: 2**  
**DATE : 26.11.2022**  
**NASSCOM Course Name :**  
**STARTING WITH**  
**INNOVATION**  
**AND**  
**DESIGN THINKING**

**NUMBER OF STUDENTS REGISTERED = 62**

**TINKER CLINIC**

## Gallery

