

# ASTHRA

June 2024

The Newsletter of

## Department of Civil Engineering



KPR Institute of  
Engineering and  
Technology

Learn Beyond

(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 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 processes through scholarly activities
- Enriching research and innovation activities in collaboration with industry and institutes of repute
- Ensuring the academic processes to uphold culture, ethics, and social responsibilities

## About the Department

The Department of Civil Engineering of KPR Institute of Engineering and Technology, Coimbatore was established in the year 2009. The Department has been elevated to its next pedestal by offering PG in Structural Engineering in the year 2014. 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

## Faculty Publications

- **K.S. Elango**, R. Saravanakumar, S. Gnana Venkatesh, S., published a paper on the title “Evaluation of Structural Stability of Four- storied building using Non- Destructive Testing Techniques” in Int. Res. J. Multidiscip. Technovation
- **S.Anandaraj**, S.Logeswaran, A.R.Krishnaraja, K.Raja, S.Karthik, A.Alex Livingston Raja published a book chapter titled “Multiple Choice Questions in Transportation Engineering” in IIP Publishers - Iterative International Publishers
- **S. Yuvaraj**, K. S. Elango, and P. P. Fathimathul Fuhaima published a book chapter titled “A Comprehensive analysis of bioimplant manufacturing advancements” in Bioimplants Manufacturing

## Faculty Participation

S. No.	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1.	Dr Anusha G	Webinar	Inequity and Climate Change: Water Woes Of Large Dense Unplanned Urban Settlement	Anil Agarwal Environment Training Institute	25/06/2024
2.	Dr Anusha G	STTP	Principles of Waste Management	NITTTR	17/06/2024 to 21/06/2024
3.	Mr Yuvaraj S	STTP	Geotechnical Investigation Laboratory Testing	NITTTR Kolkata	24/06/2024 to 28/06/2024
4.	Ms Kavitha R	FDP	Building Resilient Infrastructure	Vasireddy Venkatadri Institute of Technology	24/06/2024 to 28/06/2024
5.	Dr Kanmani S	VAC	Activity Based Learning on Basic Electronics, Robotics & Automation Using Arduino Micro Controller, Artificial Intelligence, 3d Modeling and Printing	STEM lab, Experimenta Science Centre, GD Groups	24/06/2024 to 08/07/2024
6.	Mr Kalaivanan P	FDP	Building Resilient	Vasireddy	24/06/2024

			Infrastructure	Venkatadri Institute of Technology	to 28/06/2024
7.	Ms Meenakshi B S	FDP	Building Resilient Infrastructure	Vasireddy Venkatadri Institute of Technology	24/06/2024 to 28/06/2024
8.	Ms Indhira Devi P	FDP	Building Resilient Infrastructure	Vasireddy Venkatadri Institute of Technology	24/06/2024 to 28/06/2024
9.	Mr Maruthi Venkatesh K	FDP	Garbage Free Coimbatore	RAAC	29/06/2024 to 30/06/2024
10.	Ms Bharani S	FDP	Building Resilient Infrastructure	Vasireddy Venkatadri Institute of Technology	24/06/2024 to 28/06/2024

### Industry Visit by Faculty

S.No	Name of the Industry	Visit Date	Name of the Faculty's
1.	MS Constructor, Renovator, Interior Company	18/06/2024	Mr Maruthi Venkatesh K