

# ASTHRA

January 2023



The Newsletter of  
**Department of  
Civil Engineering**



**KPR Institute of  
Engineering and  
Technology**

Learn Beyond

(Autonomous, NAAC "A")

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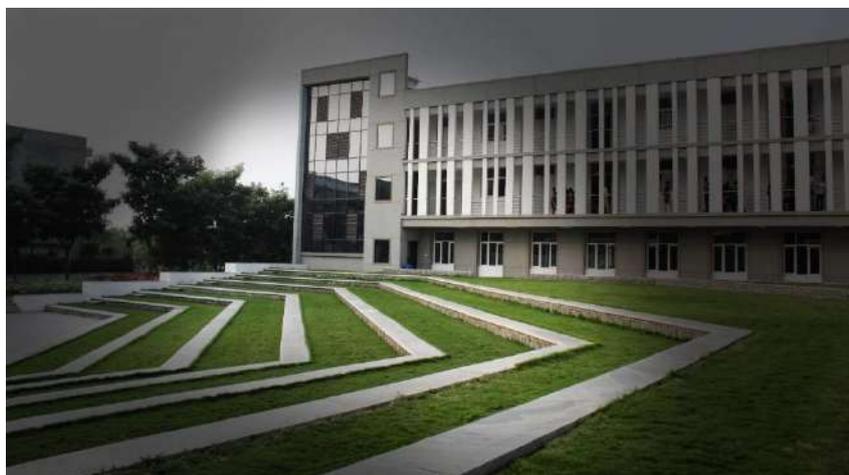
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**Mr. S. Siddarth – III Year**

**Ms. V.M Rahuma – III Year**

**Mr. S. Avinesh – II Year**

## 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 Organised

### CAD RIDDLE 2.0

**Date: 08.01.2023**

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted a contest "CAD RIDDLE 2.0" on Jan 8, 2023. 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 36 student participants and 2 faculty members from various colleges in India, like NIT-Calicut, NIT Rourkela, IEST-Shibpur, and Lovely Provisional University-Punjab, have participated in the contest through online.



**KPR Institute of Engineering and Technology**  
Learn Beyond (Autonomous, NAAC "A")  
Avinashi Road, Arasur, Coimbatore.



**Department of Civil Engineering**  
Innovate to Build



**Great Place To Work Certified**  
INDIA

**Presents AutoCAD Contest**



# **CAD RIDDLE 2.0**

in association with  
ICI student chapter, Coimbatore  
Jan 08, Sunday  
Time : 11 am to 3 pm  
Registration Fee - Rs. 100 / Per Team

Registration Link - <https://forms.gle/tDUgsGPVmqVGseg78>



Phone Number  
7639569403



**SUSTAINABLE DEVELOPMENT GOALS**  
KPR Institute of Engineering and Technology



**ICI**  
INSTITUTE OF CIVIL ENGINEERS



**ASCE**  
STUDENT CHAPTER  
KPR Institute of Engineering and Technology

**Student Coordinators**  
Mr. P R Mithran - 9360637825  
Mr. K C Sanjay Pranesh - 6384021004

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### Certification Course by Faculty

S.No	Name of the Faculty	Name of the Course	Organizing Institute
1	Mrs. B S Meenakshi	Starting with Innovation and Design Thinking	NASSCOM

### Faculty Publications

- **Rajeshkumar V.**, Senthil Kumar M., Al-Zaqri N. and Boshaala A., “Adsorption of cationic dye (Red 95) from aqueous solution by biosynthesized nano particle of cumnium cyminum”, Global NEST Journal, Vol 25, No 5, pp 1-10.
- **S Vinoth**, V Rajeshkumar, K Dhivya, S ArjunKumar, “Study on Flexural Strength of Beam Added with Slag Aggregate”, Mathematical Statistician and Engineering Applications, Vol. 71, Issue 4, pp 8526

### Faculty Participation

S. No.	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Mr. S. Yuvaraj	FDP	Recent Trends in Structural Engineering	Shri Shankaracharya Institute of Professional Management & Technology	23.01.2023 to 31.01.2023

### Faculty as a Resource Person

S.No	Name of the Faculty	Title of the Program	Organising Institute	Date
1	Dr. G. Anusha	Teaching learning process and outcome based education	VELS Institute of science, technology and advanced studies	12.12.2022 to 16.12.2022

### Students Achievement

S.No	Student	Class	Achievement	Organizer
1	Mr. Hemanth kumar Mr. Jeyasakthivel Mani	III CE	For representing Tamil Nadu in Republic day 2023	NCC
2	Mr K K Thithaeshwar	II Civil	For securing cash price for project contest	PALS Flagship event, Student workshop, IITM

### Students Participation

S.No	Name of the Student	Year & Section	Type of Program	Title of the Program	Organising Institute	Date
1	Jayasree A	II Civil	Quiz	Powerup – Renewable Energy Quiz Challenge	IEEE, KPRIET	27.01.2023 to 28.01.2023
2	Thanishkodi Adhithyan P	II Civil	Symposium	26TH NATIONAL YOUTH FESTIVAL	Ministry of Youth Affairs and Sports	13.01.2023 to 16.01.2023
3	Subashini S	II Civil	Event	Outstanding contribution in SANGAMAM'23	SANGAMAM'23, KPRIET	28.01.2023
4	Thanishkodi Adhithyan P	II Civil	Event	Slow cycle ride	SANGAMAM'23	28.01.2023
5	Thanishkodi Adhithyan P	II Civil	Event	Slow cycle ride	SANGAMAM'23	28.01.2023
6	Faheem Ahmed A	IV Civil	Training	Remote Pilot Training	CASR RPTO Anna University	27.01.2023 to 06.02.2023

## ISR Activities

S.No	School / Poly. Activities with date	Name of the faculty	Name of the School / Poly.
1	23.01.2022	Mrs P. Indhiradevi and Ms. K. Dhivya	Kennedy Matriculation higher secondary school CRR Matriculation school
2	24.01.2023	Dr. V. Rajeshkumar and Dr. S. Anandaraj	Nachamal Vidhyalaya school
3	25.01.2023	Mrs R Kavitha and Mr.S.Logeswaran	GRG Matriculation school National Model school
4	27.01.2023	Dr. R. Dharmaraj and Mr. Ram Vivekandham	Kovai Vidhya mandhir Govt Higher Secondary School
5	30.01.2023	Mrs. B. S. Meenakshi and Ms. S. Bharani	VGN Matric Hr Sec School, Vivek Vidhyalaya Matric Hr. Sec school

## Industry Visit by Faculty Members

S.No	Name of the Industry	Visit Date	Name of the Faculty(s)
1.	Aathi Construction, Tirupur	06-01-2023	Mr. S. Vinoth
2	Saravananaraja Constructions, Coimbatore	19.01.2023	Dr. S. Kanmani Mr. P. Kalaivanan

## Consultancy Activities

Sl.No	Name of the Laboratory	Amount received (Rs)
1	Concrete and Highway Laboratory	3,717
2	Strength of Materials Laboratory	1,888
3	BIM Lab	7,500
<b>Total</b>		13,105

## Student Placement Details

S. No.	Student Name	Company Name	Package
1	Mr. M. Prabhakaran	Turner & Townsend	3.25 LPA
2	Mr. P. Umaprabhakaran	Arrow Structures	1.8 LPA
3	Mr. D. Santhoshkumar	Arrow Structures	1.8 LPA

## Department Achievements

The image is a certificate from AICTE and CII. It features the logos of 'Great Place To Work. Certified' and 'KPR Institute of Engineering and Technology (Autonomous, NAAC "A")'. The main text reads: 'Department of Civil Engineering, KPRIET has secured 2nd position in the category Civil Engineering and allied'. Below this, it says 'AICTE - CII Industry Linked Awards 2021' and 'Thanks to all stakeholders for your continuous support'. At the bottom, there are social media icons and the website 'kriet.edu.in'.