

ASTHRA

December 2023



The Newsletter of
**Department of
Civil Engineering**



**KPR Institute of
Engineering and
Technology**

Learn Beyond

(Autonomous, NAAC "A")

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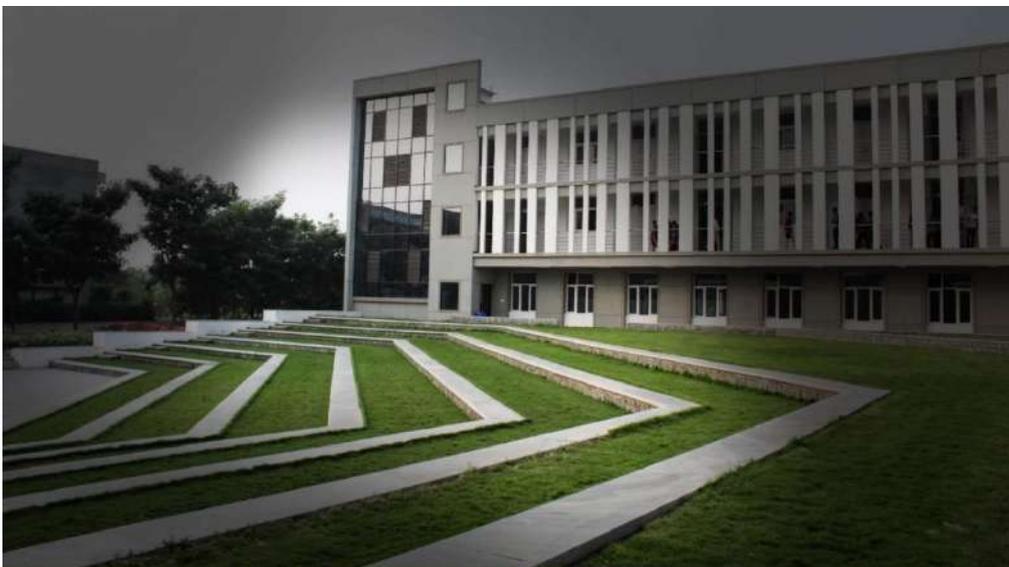
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IN THIS ISSUE



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

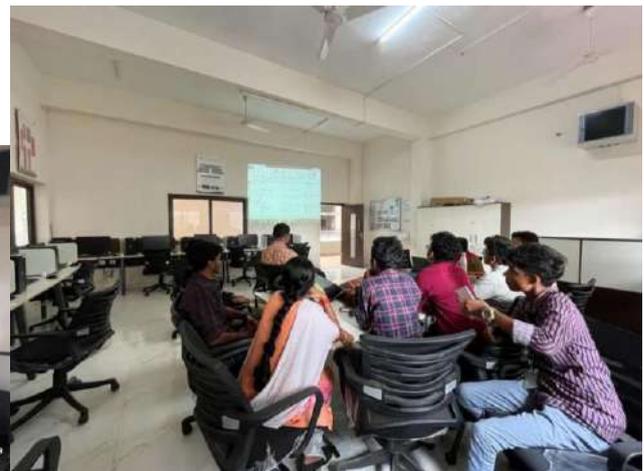
Programme Organized

Hands on Training on “Rebar Detailing”

Date: 14.12.2022 to 31.12.2022

Resource Person: Mrs. R. Kavitha,
Assistant Professor,
KPRIET
Coimbatore.

Department of Civil Engineering and BIM centre of Excellence organized the hands on training on Rebar detailing for third year students. Around 15 students participated in this hand on training. Ms. R. Kavitha explained about the detailing of reinforced concrete slab and various RCC elements. She taught how the detailing of RCC building has been done as per the IS code and SP 34.



Certification Course by Faculty

S.No	Name of the Faculty	Title of the Program	Organising Institute	Date
1	Dr. R. Dharmaraj	Data Acquisition by Accenture	NASSCOM	26.12.2022
2	Mrs. C. Vinodhini	Data Acquisition by Accenture	NASSCOM	25.12.2022
3	Mr. S. Yuvaraj	Data Acquisition by Accenture	NASSCOM	22.12.2022
4	Mr. S. Yuvaraj	Acquiring Data (Level 1 - AI Fundamentals of AI Ascend) by Accenture	NASSCOM	22.12.2022
5	Mrs. B. S. Meenakshi	Acquiring Data (Level 1 - AI Fundamentals of AI Ascend) by Accenture	NASSCOM	26.12.2022
6	Mrs. R. Kavitha	Data Acquisition by Accenture	NASSCOM	25.12.2022
7	Mrs. R. Kavitha	Be a Master Communication	NASSCOM	5.12.2022
8	Mrs. B. S. Meenakshi	Data Acquisition by Accenture	NASSCOM	25.12.2022
9	Dr. V. Rajesh Kumar	Data Acquisition by Accenture	NASSCOM	19.12.2022
10	Mr. S. Logeswaran	Data Acquisition by Accenture	NASSCOM	15.12.2022
11	Dr. S. Kanmani	Data Acquisition by Accenture	NASSCOM	25.12.2022
12	Dr. R. Saravanakumar	Data Acquisition by Accenture	NASSCOM	22.12.2022
13	Ms. K. Dhivya	Data Acquisition by Accenture	NASSCOM	1.12.2022
14	Mr. S. Venkat Raman	Data Acquisition by Accenture	NASSCOM	22.12.2022

Faculty Participation

S.No	Name of the Faculty	Title of the Program	Organising Institute	Date
1	Dr. K. S. Elango	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
2	Dr. K. S. Elango	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
3	Dr. K. S. Elango	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
4	Dr. R. Dharmaraj	Theory of Elasticity and Plasticity	CSI College of Engineering	27.12.2022
5	Mrs. B.S. Meenakshi	Internship	ARC Construction	12.12.22 to 25.12.22
6	Mr. S. Elavarasan	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
7	Mrs. B.S. Meenakshi	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
8	Mrs. B.S. Meenakshi	Atal FDP on “ Waste to Wealth”	ATAL	5.12.22 to 16.12.22
9	Mrs. B.S. Meenakshi	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
10	Dr. G. Anusha	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
11	Dr. G. Anusha	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
12	Dr. G. Anusha	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
13	Dr. R. Saravanakumar	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
14	Mrs. R. Kavitha	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
15	Mrs. B.S. Meenakshi	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
16	Mr. S. Yuvaraj	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
17	Mr. S. Yuvaraj	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
18	Dr. R. Dharmaraj	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
19	Dr. R. Dharmaraj	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
20	Mr. S. Vinoth	Think Create Engineer	IIT, Madras	12.12.22 to 14.12.22

21	Dr. G. Anusha	GIS for Smart City	Presidency University, Bangalore	12.12.22 to 16.12.22
22	Mr. S. Logeswaran	Quiz on Disaster Management	Ashirwad Education Centre, Gujarat	12.12.2022
23	Mr. S. Logeswaran	Quiz on Basic of Research Level 2	Ashirwad Education Centre, Gujarat	12.12.2022
24	Mr. S. Logeswaran	FDP on Research Methodology	PPG College of Arts and Science	12.12.22 to 19.12.22
25	Ms. K. Dhivya	Teaching Learning Process and Outcome Based Education	Vels Institute of science and Advanced Science	13.12.22 to 17.12.22
26	Ms. K. Dhivya	GIS for Smart City	Presidency University, Bangalore	12.12.22 to 16.12.22
27	Mr. P. Kalaivanan	Workshop on “Role of NAAC in Enhancing quality in Higher Education Institutions”	Ramco Institute of Technology	16.12.22 to 17.12.22
28	Dr. S. Kanmani	Workshop on “Role of NAAC in Enhancing quality in Higher Education Institutions”	Ramco Institute of Technology	16.12.22 to 17.12.22
29	Mr. V. Kavinkumar	Conference, ICCMS 2022	NIT, Calicut	13.12.22 to 19.12.22
30	Ms. K. Dhivya	Short Term Course on Energy Storage Devices and Instrumentation	Karpagam Academy of Higher Education	5.12.22 to 9.12.22
31	Mr. S. Vinoth	Water Audit	Ultra Tech Cement Ltd	3.12.2022

Faculty Publications

- ❖ **Dr. S. Kanmani** Published Book Chapter, titled “ Investigation of Soil Characteristics in and around the Open Dump Site near Sathyamangalam Town in Erode District” on the book “ Transportation and Environmental Geotechnics in Springer Vol 298, chapter 20, page no: 213 – 221.
- ❖ Mr. M. Vijayakuamr, Mr. M. Athipathy, **Dr. G. Anusha** and ett al published paper, titled “Experimental Investigation on Paver Block by Using

Plastering Sand with Partial Replacement of Fine Aggregate” in Mathematical Statistician and Engineering Applications.

- ❖ Sridhar Jayaparakash, **Vivek Deivasigamani** and ett al published paper titled “ Influence of Prosopis juliflora ash in mechanical properties of concrete” in Materials today proceedings
- ❖ **Dr. K. S. Elango** and ett al Published paper titled “Mechanical and Durability Studies on Ficus exasperata Leaf Ash Concrete” in Hindawi.

Students Achievement

S.No	Student	Class	Achievement	Organizer
1	Mr. Hemanth Kumar and Mr. Jeyasakthivelmani	III	For Representing Tamilnadu in Republic day in 2023	NCC
2	Mr. K. K. Thithaeshwar	II	Securing Cash Prize in Project Contest	PALS Flagship event, Student workshop, IITM
3	Ms. Monika and Team	Batch 2018 - 2022	Outstanding thesis award	ASCE, India section, Southern Region - 2022

Students Participation

No	Code	User	Event	Date	Organizing Institute
1	21SE06	Jenifer Princy A	INTERNATIONAL CONFERENCE ON CONSTRUCTION MATERIALS AND STRUCTURES	13.12.2022 to 19.12.2022	NIT Calicut
2	21CE096	Srinithi R	NASSCOM	25.12.2022	Futura prime skills
3	21CE063	Mrithika C	NASSCOM	25.12.2022	Futura skills
4	21CE073	Pranitha R	QUIZ PROGRAM ON POLLUTION CONTROL	02.12.2022	JAI SHRIRAM ENGINEERING COLLEGE
5	21CE070	Nithishkumar G P	ACQUIRING DATA	26.12.2022	NASSCOM
6	21CE060	Mithran P R	ACQUIRING DATA	25.12.2022	NASSCOM
7	21CE113	Vishnu Prabu V	ACQUIRING DATA	26.12.2022	NASSCOM
8	21CE090	Sashwin Vaibhav T	ACQUIRING DATA	26.12.2022	NASSCOM
9	21CE083	Sakthi Maheshwari Y	ACQUIRING DATA	24.12.2022	NASSCOM
10	21CE069	Nishanth S	ACQUIRING DATA	25.12.2022	NASSCOM
11	21CE066	Nagajothi P	ACQUIRING DATA	26.12.2022	NASSCOM
12	21CE101	Tarunika K	ACQUIRING DATA	26.12.2022	NASSCOM
13	21CE073	Pranitha R	ACQUIRING DATA	25.12.2022	NASSCOM
14	21SE13	Shahithya S	INTERNATIONAL CONFERENCE ON CONSTRUCTION MATERIALS AND STRUCTURES	13.12.2022 to 19.12.2022	NIT calicut
15	21SE10	Praneeth R	INTERNATIONAL CONFERENCE ON CONSTRUCTION MATERIALS AND STRUCTURES	13.12.2022 to 19.12.2022	NIT Calicut
16	21SE03	Chithra K	INTERNATIONAL CONFERENCE ON CONSTRUCTION MATERIALS AND STRUCTURES	13.12.2022 to 19.12.2022	NIT calicut
17	20CE064	Shanjai P R	ACQUIRING DATA BY ACCENTURE	01.12.2022 to 26.12.2022	NASSCOM
18	20CE079	Varunika V	ACQUIRING DATA BY ACCENTURE	01.12.2022 to 26.12.2022	NASSCOM
19	20CE064	Shanjai P R	SETHU NIRMAAN	22.12.2022 to 23.12.2022	Vishnu Institute of Technology Andhra Pradesh

20	20CE064	Shanjai P R	DRONE VOYAGE	22.12.2022 to 23.12.2022	Vishnu Institute of Technology Andhra Pradesh
21	20CE064	Shanjai P R	BRAHMOS	22.12.2022 to 23.12.2022	Vishnu Institute of Technology Andhra Pradesh
22	20CE064	Shanjai P R	SLANT STRUCTURE	22.12.2022 to 23.12.2022	Vishnu Institute of Technology Andhra Pradesh
23	21CE072	Prajith B	ACQUIRING DATA	19.12.2022 to 25.12.2022	IT ITeS Sector Skills Council NASSCOM
24	21CE068	Nandhini A	ACQUIRING DATA	12.12.2022 to 25.12.2022	IT ITeS Sector Skills Council
25	20CE043	Navaneethan C	NASSCOM - ACQUIRING DATA	19.12.2022 to 26.12.2022	NASSCOM
26	20CE036	Madhankumar C	NASSCOM - ACQUIRING DATA	19.12.2022 to 26.12.2022	NASSCOM
27	20CE042	Nandhika E	NASSCOM - ACQUIRING DATA	19.12.2022 to 26.12.2022	NASSCOM
28	21CE107	Thitheashwar K K	ACQUIRING DATA	21.12.2022 to 25.12.2022	IT ITeS Sector Skills Council
29	21CE108	Vasanthan S K	ACQUIRING DATA	23.12.2022 to 25.12.2022	IT ITeS Sector Skills Council NASSCOM
30	21CE086	Sanjay Pranesh K C	ACQUIRING DATA	22.12.2022 to 25.12.2022	IT ITeS Sector Skills Council NASSCOM
31	21CE107	Thitheashwar K K	THINK CREATE ENGINEER	12.12.2022 to 14.12.2022	IIT Madras
32	21CEL30	RITHIK R	BASICS OF RESEARCH QUIZ	13.12.2022	ASHIRWAD EDUCATION CENTRE
33	20CE043	Navaneethan C	BASICS OF RESEARCH QUIZ	13.12.2022	ASHIRWAD EDUCATION CENTRE
34	20CE039	Manojkumar E	BASICS OF RESEARCH QUIZ	13.12.2022	ASHIRWAD EDUCATION CENTRE
35	20CE036	Madhankumar C	BASICS OF RESEARCH QUIZ	13.12.2022	ASHIRWAD EDUCATION CENTRE
36	20CE035	Logeshwaran G	BASICS OF RESEARCH QUIZ	13.12.2022	ashirwad education centre
37	21CEL10	Hariharan K	ACQUIRING DATA BY ACCENTURE	14.12.2022 to 24.12.2022	NASSCOM

38	20CE055	Rahuma V M	ACQUIRING DATA BY ACCENTURE	14.12.2022 to 24.12.2022	NASSCOM
39	20CE013	Dharani Krishna N P	MEDICINE VENDING MACHINE PRODUCT	15.12.2022 to 17.12.2022	KANGEYAM INSTITUTE AND TECHNOLOGY
40	20CE060	Sangeetha M	PLANNING & DESIGN OF SANITATION AND TECHNOLOGIES	05.12.2022	COURSERA
41	21CE080	Ruthramoorthy V	UNNAT BHARAT ABHIYAN	01.12.2022	KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY

Faculty Industry Visit

S.No	Name of the Industry	Visit Date	Name of the Faculty's
1.	SL Builders and Designers, Tirupur	07-12-2022	Mr. S. Ganeshkumar Dr. V. Rajeshkumar
2	S Cube Builders, Tirupur	07-12-2022	Mr. S. Ganeshkumar Dr. V. Rajeshkumar
3.	MAD Magical Designs, Coimbatore	07-12-2022	Mr. S. Ganeshkumar Dr. V. Rajeshkumar
4.	MatterLab, Calicut	20-12-2022	Mr. S. Yuvaraj Dr. G. Anusha Dr. K. S. Elango Dr. S. Anandaraj Dr. V. Rajeshkumar Dr. R. Saravanakumar Mr. Ram Vivekanandhan
5.	Pentium Construction Pvt Ltd, Calicut	21-12-2022	Mr. S. Yuvaraj Dr. G. Anusha Dr. K. S. Elango Dr. S. Anandaraj Dr. V. Rajeshkumar Dr. R. Saravanakumar Mr. Ram Vivekanandhan

Consultancy Details

S.No	Name of the Laboratory	Amount Received
1	Concrete and Highway Engineering Laboratory	Rs. 2979 /-
2	Strength of Materials Laboratory	Rs. 3127 /-
TOTAL		Rs. 6,106 /-