



Department of
Civil Engineering



Monthly Newsletter

APRIL 2022



Learn Beyond

KPR Institute of
Engineering and
Technology

(Autonomous, NAAC "A")



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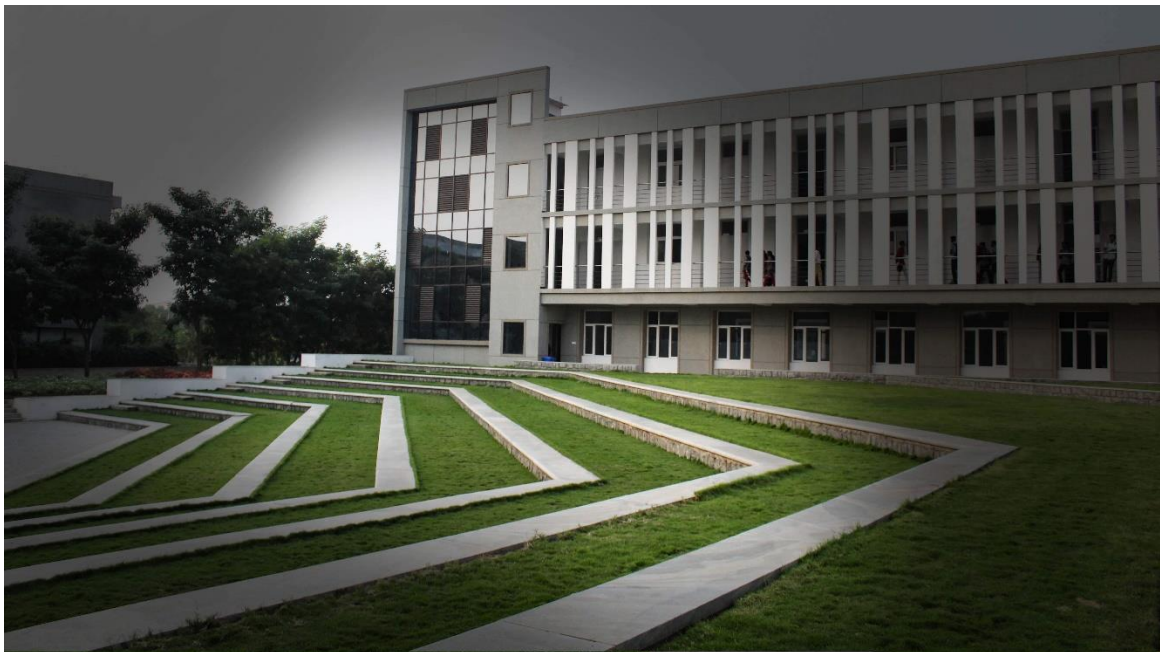
Editors

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, 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 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 Organised

One Credit Course on “Non-Destructive Testing Methods”

The Department of Civil Engineering conducted one credit course on “Non-destructive Testing Methods” on 04.04.2022 and 05.04.2022 for III-year students. Mr. P. Muthukumarasamy, Manager /Civil, Aimil, Ltd, Chennai and Mr. Kandarp Bhatt, Nation Manager, Aimil Ltd, New Delhi were the resource persons for the course. Mr. P. Muthukumarasamy and Mr. Kandarp Bhatt explained the various non-destructive testing methods like rebound hammer test, ultrasonic testing, magnetic particle inspection, acoustic emission test, dye penetrant test, etc., with various case studies and hands-on-trainings.

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Avinashi Road, Arasur, Coimbatore.

Department of Civil Engineering
Born to Build

One Credit Course
on
Non Destructive Testing

Resource Person

Er. Kandarp Bhatt
National Manager - Civil
AIMIL LTD.

Er. P Muthukumarasamy
Business Manager - Civil
AIMIL LTD.

Date : 05.04.2022 & 06.04.2022
Time : 09:00 AM to 04:00 PM
Venue : Thanam Hall

/KPRIETonline

One Credit Course on “Building Approvals”

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted one credit course on “Building Approvals” for 4 days from 01.04.2022 to 04.04.2022. Er.P.Thilak Ranjith, MD / TR Associates, Coimbatore elaborates the process of getting approval for the various types of buildings and explained the documents required for the same. This one credit course was organized for the benefit of II-year students.



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Great
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MAR 2022 - MAR 2023

**One Credit Course on
Building Approval**

RESOURCE PERSON



Er. T. Thilak Ranjith
*Founder & Director
Escalade Design Pvt Ltd &
Proprietor- TR Associates
Coimbatore*

Date: 01.04.2022 & 04.04.2022
Time: 09:00 A.M to 04:00 P.M

Venue: Thanam Hall

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Memorandum of Understanding

Company Name: CNI

KPR Institute of Engineering and Technology signed a Memorandum of Understanding along with the "CNI" on 19.04.2022 at 11 a.m in Raagam Hall in order to bridge the industry-academia gaps in present-day curricula to the students of KPRIET.



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Department of
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MAR 2022 - MAR 2023

**Jointly ink
Memorandum of Understanding
with**

Construction Network of India



CNI™
CONSTRUCTION NETWORK OF INDIA



April 19, 2022
5 : 30 pm

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Company Name : “Marutham groups”

Department of Civil Engineering signed a Memorandum of Understanding along with the “Marutham Groups” on 20.04.2022. The benefits of signing MOU between Marutham groups, Fostering Entrepreneurship is to provide entrepreneurship through mentoring, networking, education, funding and incubation. With a focus of giving back to the community, it is on generating and nurturing the next generation of Entrepreneurs.



Faculty Publications

S. No.	Title	First Author	Co-authors	Name of the Journal
1	Influence of electronic waste and fly ash in strength and durability properties of concrete	G.Ramesh kumar Dr. N.G.P. Institute of Technology, Coimbatore	S.Bharani R.Anupriya V.Jeevitha G.Gnanajothi	Materials Today Proceedings
2	Seismic analysis and design of multilevel car parking using ETABS	R.Kavitha KPRIET	M.C.Sundarraja M.Ram Vivekananthan C.Vinodhini P.Thiruvishnu P.Deepan	Materials Today Proceedings
3	Finite Element Modelling of Reinforced Concrete Element Under Corrosion Effects	C. Rajendra Prasath PSNA College of Engineering and Technology, Dindigul	D. Vivek, K. S. Elango	Lecture Notes in Civil Engineering

Certification Course by Faculty

S. No.	Name of the Faculty	Name of the Course	Organizing Institute	Level
1	Ms.P.Indhiradevi	E-Waste Management issues and challenges	NPTEL	Elite
2	Mr.P.Manikandan	E-Waste Management issues and challenges	NPTEL	Elite
3	Dr.V Rajeshkumar	Introduction to lean construction	NPTEL	Elite + Silver
4	Mrs.R.Kavitha	Introduction to lean construction	NPTEL	Elite + Silver
5	Ms.P.Indhiradevi	Introduction to lean construction	NPTEL	Elite + Silver
6	Mr.P.Yuvaraj	Introduction to lean construction	NPTEL	Elite + Gold
7	S.Bharani	E-Waste Management issues and challenges	NPTEL	Successfully Completed

8	Dr.G.Anusha	E-Waste Management issues and challenges	NPTEL	Successfully Completed
9	Mr.S.Anandaraj	E-Waste Management issues and challenges	NPTEL	Successfully Completed
10	Mrs. B.S. Meenakshi	E-Waste Management issues and challenges	NPTEL	Successfully Completed

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Congratulations!

Mrs. P. Indhiradevi
Assistant Professor (Sr. G.)
Elite

Mr. P. Manikandan
Assistant Professor
Elite

Course: E-Waste Management Issues and Challenges

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Congratulations NPTEL

Course Name: Introduction to Lean Construction

ELITE + GOLD

Mr. Yuvaraj S AP (Sr. G.)

ELITE + SILVER

Dr. V. Rajeshkumar AP (Sl. G.)

Mrs. R. Kavitha AP (Sr. G.)

Mrs. P. Indhiradevi AP (Sr. G.)
Course Name: Effective Engineering Teaching In Practice

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Faculty Participation

S.No	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Dr. S. Kanmani	One Credit course	Pumps - Sales and Service	KPR Institute of Engineering and Technology, Coimbatore	25.04.2022 & 26.04.2022
2	Mr. S. Vinoth	Webinar	Marine Pollution: Action Plan for management in Indian Context	SRM Institute of Science and Technology	22.04.2022
3	Dr. G. Anusha	Conference	Investigation on durable properties of engineered cementitious composite materials	Advancements in Sustainable Materials, Design and Applications	04.05.2022

4	Mrs. B.S. Meenakshi	Conference	Performance of Geo-Polymer 3D Printing Concrete under Ambient Curing	iCATCHCOME 2022	24.05.2022 to 25.05.2022
5	Mrs. B.S. Meenakshi	Conference	Potential Usage of E-waste as tiles with Epoxy coating	ICAME 2022	24.05.2022 to 26.05.2022

Faculty as a Resource Person

S.No	Name of the Faculty	Title of the Program	Organising Institute	Date
1	Dr. S. Kanmani	UGC STRIDE Sponsored Three Day Virtual Training Programme on Environmental Sustainability and Research Ethics	Avinashilingam University, Coimbatore	05.04.2022
2	Dr. S. Kanmani	Emerging issues in water management	Saveetha Engineering College, Chennai	05.04.2022

Faculty Achievement

S.No	Name of the Faculty	Achievement	Organizer
1	Lt. A. K. Priya	Best Mentor Award	SRISTHI 2022

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4th Edition

Great Place To Work. Certified

Hearty Congratulations!

Lt. Dr. A.K Priya (Faculty Mentor) & Mr. N. P Dharanikrishna, Mr. M. Suganeswaran and Ms. S. Ramya (II CE)

for winning Best Innovation Award, Project Award, Institution Award and Mentor Award of Rs. 1.12 Lakh

in SRISTHI 2022 organized by Saintgits College of Engineering and Technology, Kerala

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Students Achievement

S.No	Student	Class	Achievement	Organizer
1	Ms. N.P Dharani krishna, Ms. Ramya, Mr. Suganeshwaran	II CE	Best Innovation Award, Project Award	SRISTHI 2022
2	Ms. N.P Dharani krishna, Ms. S. Ramya, Mr. M. Suganeshwaran, Mr. G. J Naveen kumar	II CE	1 st Prize in Innovsense'2022	KPRIET
3	Mr. A. Faheem Ahmed, Mr. A. Sreedharan, Mr. P.R Shanjai, Ms. V.M Rahuma, Ms. L. Santhiya	III, II CE	2 nd Prize in Innovsense'2022	KPRIET

Students Participation

S.No	Student	Class	Nature of Program	Name of the program	Organizer	Date
1	Shiyamala.R	II B	Certification course	Introduction to Fourier series	Great learning	03.04.2022
2	Shiyamala.R	II B	Quiz	Finance fitness quiz	ADMIFMS, Mumbai	20.03.2022
3	Shiyamala.R	II B	Quiz	Guess the logo	Indian Institute of management , Rohtak	17.03.2022
4	Shiyamala.R	II B	Webinar	Bridge conclave	KPR Institute of Engineering and Technology	15.03.2022
5	Shiyamala.R	II B	Pledge	Narcotics control bureau	My government	07.03.2022
6	Siddarth S	II B	Quiz	Crack the quiz	KPRIET	08.04.2022
7	Suganeshwaran M	II A	Other	Srishit 22	Saints college of engineering	25.05.2022
8	P Vigneshwaran	II B	Webinar	Online Webinar on :WIND Load acting on tall	Hindustan Institute of Technology and Science	08.04.2022

				structures and its significance	(HITS), Coimbatore	
9	Vikram V	III A	Sports	Hand ball	KPRIET	07.04.2022
10	K.K.Thitheashwar R.Srinithi G.Vinumitra Sabarinath s Mohamed ameen .M.I. Vasanthan.S.K	I	Project Expo	Innovsense'22	KPRIET	06.05.2022
11	Ajith Kumar J Bharanidharan Karthik Raja S Srithar Charndragowri	II	Project Expo	Innovsense'22	KPRIET	06.05.2022
12	Swathika .M Sathiyapriya .N Nithishkrishnaa .K Kodeeswaran M Saranya .R Narmadha .R	III	Project Expo	Innovsense'22	KPRIET	06.05.2022

NPTEL Achievements by Students



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Department of Civil Engineering



NPTEL

Congratulations

Course Name: Natural Hazards

ELITE



Santhoshkumar S
II Civil B



Siddarth S
II Civil B

Successfully Completed



Suresh Kumar G
II Civil B



Venkadesh T
II Civil B



Varunika V
II Civil B

Course Name:
Electronic Waste Management -
Issues and Challenges

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NPTEL



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Hearty Congratulations!

Elite



Mr. N. Santhosh - III A
(Natural Hazards)

Successfully Completed



Ms. R. Narmadha - III A
(Natural Hazards)



Ms. B. Nandhita - III A
(Natural Hazards)



Mr. N. Nandha krishnaa - III A
(Safety in Construction)



Ms. K. Varshita - III A
(Natural Hazards)



Mr. V. R. Lalith Adithya - III A
(Safety in Construction)



Mr. G. Premji - III A
(Introduction to Lean Construction)



Mr. C. Pranshwar - III A
(Introduction to Lean Construction)

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Student Placement



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Placement Record (2018 - 2022 Batch)



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jaro education	B/S/H	amphisoft	tcs	YATA CONSULTANCY SERVICES	wipro				
ABISHA JESLIN S	NARMADHA R	MOHAMED AASHIK M	POOJAPRANAVI B	SELVAMUHIL A K	VENGAINAYAKI V	VIJAY ANAND.S	MATHIVATHANI.P	MOHAMAD ABBAS M	
CRC						Mahathi Intofech			
ABINESH K	MONISH KUMAR R	MUKILAN K	MADAN KUMAR T	SATHEESHKANNA R	SATHISH KUMAR S	BHARATH S	BOWYA SRI A	MANODIYYA S	
SANHINA	YANAMALA PAVITHRA YADAV								
L&T EduTech				MENSEES Inc			Apexon		
HARIBALAN S	NISHAANTH K	SHUBIKKSHA S	GAYATHRI R	SRINIVASAN S	DHEERAJPANDI P	KARTHICK S	SUDHARSAN R	ARUNRAJ D	
ORANGE STEP CONSTRUCTION	Spiders			Barbee Structures Pvt Ltd	skolar	ATMORGAN	KSM	BLUELADDER CONSTRUCTION	
BHARANIDHARAN P	DEEPAN P	MONIKA S	NAVEEN D	SIVA C	GOKUL G	MANDJKUMAR M	SURESH SHUNMUGARAJ M	THIRUVISHNU P	

Create with heart, build with the mind - Construct your Career with Civil Engineering

25+ Companies Visited	49+ Offers Received	100% Placement Record	14+ Dual Offer	6.6 LPA Maximum CTC	3.25 LPA Average CTC
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KPRIET supports the Sustainable Development Goals

Other Activities

Dr A.K. Priya, Ms. K. Dhivya, Mr. S. Ganesh kumar, Mr. S. Vinoth attended International workshop on “Climate roofing of watershed development projects with special reference to soil and water conservation technologies” organized by ICAR sponsored by NABARD and Co-Sponsored by KPRIET.



Industry Visits by Students



Department of civil engineering



News Corner

THE COVAI MAIL

ENGLISH & TAMIL WEEKLY NEWSPAPER
April 26, 2022

KPRIET inks pact with Construction Network of India



#News | **THE COVAI MAIL** | www.covaimail.com

The Covai Mail | KPR Institute of Engineering and Technology signed a Memorandum of Understanding with Construction Network of India (CNI), Coimbatore Region.

A press release from the college stated that the goal of the MoU is to stimulate and assist the creation of collaborative and mutually beneficial activities that will aid in network training, intellectual life, and cultural development on both campuses, as well as contribute to improved national and international cooperation.

KPRIET is the first engineering institution in Tamil Nadu to sign a Memorandum of Understanding (MOU) with the Construction Network of India (CNI) Coimbatore Region.

The MoU was signed in the presence of M. Akila, Principal KPRIET, R. Kirubashankar, Professor & Head of Industry Institute Partnership Cell, G.Anusha, Professor and Head, S.Kanmani, Associate Professor Civil Engineering department, A.Rajendran, Regional Director and G. Udayakumar, CEO Construction Network of India.