



Department of
Civil Engineering



Monthly Newsletter

January 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. 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 Organized

Webinar on “Scope of Consultancy Services in Structural Engineering”

Date: 06.01.2022

Resource Person: Prof. Rajayogan Palanichamy,
President,
ASCE India Section.

The programme was organized by the Department of Civil Engineering to make the faculty members, researchers and students aware on the scope of consultancy opportunities available in structural engineering through Google Meet.

Prof. Rajayogan Palanichamy, President, ASCE India Section, addressed the participants on the various opportunities available in structural engineering. He shared his experience in the consultancy works carried out in his entire career and also shared the successful story of Indian Structural Engineers who earned much through consultancy.

KPR Institute of Engineering and Technology
(Autonomous, NAAC "A")
Learn Beyond

Department of Civil Engineering
Organizes
Webinar on
Scope of Consultancy services in Structural Engineering

Resource Person
**Er. (Prof.) Rajayogan Palanichamy**
M.Tech, M.ISTE, MIGS, MICL, FASCE, FACCE, FIV, FIE(I),
President - ASCE India Section

Registration Fee
Rs.100
Payment Mode
Gpay : 96002 47362

6 Jan 2022
01.30 pm
Google Meet
<https://bit.ly/3IRjnG3>

Convenor
Dr. G. Anusha
Head /Civil Engineering

Coordinators
Dr. R. Saravanakumar **Mr. S. Elavarasan**
AP (SLG) /Civil Engineering AP (Sr.G) /Civil Engineering

kpriet.ac.in /KPRIETonline

Webinar on “How to Crack TNPSC Examination – Interaction with Engineer”

Date: 09.01.2022

Resource Person: Er. S. Ganesan ,
Assistant Engineer,
Department of Rural Development and Panchayat Raj.

The programme was organized by the Department of Civil Engineering in association with Career Advancement Cell to make the students aware of the opportunities available in government sector.

Er. S. Ganesan, Assistant Engineer, Department of Rural Development and Panchayat Raj, addressed the participants on the various opportunities available in government sector. He shared his experience in the preparation for combined engineering service examination and also shared the stories of successful aspirants of TNPSC Examination. Er. Ganesan explained the exam pattern, reference books and interview tips to clear the TNPSC Examination.

The poster is for a webinar titled "HOW TO CRACK TNPSC EXAMINATION? INTERACTION WITH ENGINEER". It is organized by KPR Institute of Engineering and Technology (Autonomous, NAAC 'A') in association with the Department of Civil Engineering (Barn to Build). The event is scheduled for 09 JANUARY 2022, 11 AM - 12 NOON. The speaker is Mr. S. Ganesan, Assistant Engineer, Department of Rural Development and Panchayat Raj, Tiruppur District. The poster also lists coordinators Mr. S. Anandaraj, AP(Sr.G) and Mr. S. Elavarasan, AP (Sr.G) and provides Zoom meeting details: MEETING ID: 876 2207 2909, PASSCODE: 082790. Social media icons for Facebook, Twitter, Instagram, YouTube, and LinkedIn are also present.

Faculty Lecture on “Design Publish Brand: Through Canva”

Date: 12.01.2022

Resource Person: Mrs. B. S. Meenakshi
Assistant professor(Sr.G)
Department of Civil Engineering
KPRIET.

The programme was organized by the Department of Civil Engineering, 12th January of 2022 at Legend hall. Create awareness among the Faculty members on the Design of poster, flyer, brochure, PPT, video making, Concept map making creating instant poster etc. This is useful to prepare the poster for the event their own.

Mrs. B. S. Meenakshi, Assistant professor, Civil engineering department of KPRIET. She focused on the publishing and brand the poster through Canva software with various types and applications. Resource person also clarified the doubts raised by the faculty members on the design processing. Totally of 29 faculty members were attended the programme.



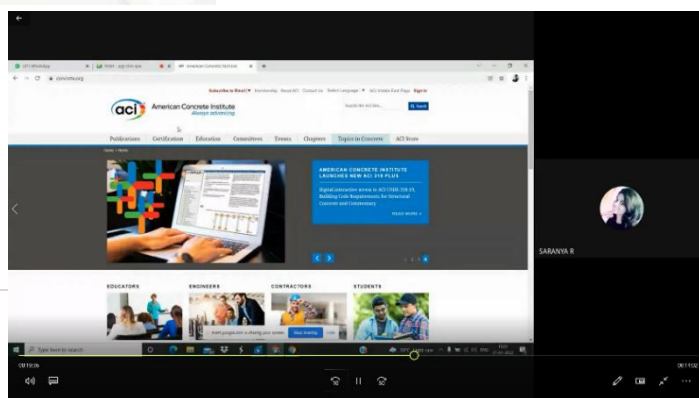
Inauguration and Webinar on “A Portrayal on ACI Senior to Junior & Club Inaugural”

Date: 27.01.2022

Resource Person: R.Saranya –student
coordinator of ACI in CON –INNOWAH CLUB
Department of Civil Engineering.

The programme was organized by Con Innawah Club, Department of civil Engineering in association with the American Concrete Institute ACI and India Chapter of American Concrete Institute, to make the students aware on the ACI and its Use, opportunities available at ACI and the Con Innawah Club through Google Meet. The club logo was released also the faculty coordinator and student office bearer was introduced.

R.Saranya –student (coordinator of ACI in CON –INNOWAH CLUB) Department of Civil Engineering She focused on the skills to be developed by the students to grab the knowledge about the ACI. Resource person also clarified the doubts raised by the students on the ACI member processing and event participation. Totally 5 faculty members and 54 students were attended the programme.



Faculty Seminar on “How to write research paper”

Date: 11.01.2022

Resource Person: Lt. Dr. A. K. Priya
Associate Professor,
Department of Civil Engineering,
KPR Institute of Engineering and Technology

The programme was organized by the Civil Engineering Department to make the faculty members to know about the tips and tricks for writing research articles and make them to publish in peer reviewed journals. Lt. Dr Priya explained the concept and framing the outline of research article writing. She also briefed about the different types of manuscript. Total of 22 faculty members attended the programme.

The poster is for a seminar titled "How to write Research Paper" held on 11 January, 2022, from 02:30 PM to 03:30 PM. The speaker is Lt. Dr. A. K. Priya, an Associate Professor in the Department of Civil Engineering at KPR Institute of Engineering and Technology. The poster includes the logos of KPR Institute of Engineering and Technology (Learn Beyond, Autonomous, NAAC "A") and the Department of Civil Engineering (Build to Build). It also features the Sustainable Development Goals logo and a photo of Lt. Dr. A. K. Priya. The website kpriet.ac.in and social media handles are listed at the bottom.

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")

Department of Civil Engineering
Build to Build

How to write Research Paper

11 January , 2022
02.30 PM - 03.30 PM
The Legend

Lt. Dr. A. K. PRIYA
Associate Professor
Department of Civil Engineering
KPR Institute of Engineering and Technology

SUSTAINABLE DEVELOPMENT GOALS
KPRIET supports the Sustainable Development Goals

kpriet.ac.in f t g /KPRIETonline

Faculty Seminar on “Fundamentals of Digital Marketing”

Date: 31.01.2022

Resource Person: Mr. P. Manikandan

**Head – App, Website and Social Media Management,
KPRIET
AP – Civil.**

The programme was organized by the Department of Civil Engineering in association with App, Website and Social Media Management of KPRIET, to make the faculty aware on the basic concepts of digital marketing.

Mr. P. Manikandan, elaborated the concepts of search engine optimisation, handling of social media pages, YouTube and ways to improve the social media presence of the department and review platforms available which engineering aspirants might refer.



The poster features a dark blue header with the KPR Institute of Engineering and Technology logo (Learn Beyond, Autonomous, NAAC "A") and the Department of Civil Engineering logo (Born to Build). The main title is "Faculty Seminar on Fundamentals of Digital Marketing". A circular portrait of Mr. P. Manikandan is shown, with his name and title: "Speaker Mr. P. Manikandan, Head - App, Website and Social Media Management, KPRIET". The event details are: "January 31, 2022, 09.30 am, Venue: The Legend". Social media links for KPRIET are provided: "kpriet.ac.in", "/KPRIETonline", and "/CIVILKPRIET". The bottom left corner includes the Sustainable Development Goals logo and the text "KPRIET supports the Sustainable Development Goals".



A Colloquium: KPRIET & TIE



KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")



TIE
COIMBATORE FOSTERING



Department of Civil Engineering

A COLLOQUIUM : KPRIET & TIE
KPR Institute of Engineering and Technology - TIE University



Dr. B. Krishnamurthy
Charter member
TIE Coimbatore



Dr. M. Akila
Principal
KPRIET, Coimbatore



28.01.2022
11.00 AM



Ms. Ranjana Singhal
President
TIE Coimbatore



Dr. S. Ramachandran
Director - CIED
KPRIET, Coimbatore

Meeting ID: 824 8750 1598
ZOOM Passcode: 813163

All are invited for eminent and expert discussion

Organizing committee

Mrs. B. S. Meenakshi
Assistant Professor(SR.G)

Dr. R. Dharmaraj
Associate Professor
Department of Civil Engineering
KPRIET, Coimbatore



17 Sustainable Development Goals

kpriet.ac.in 

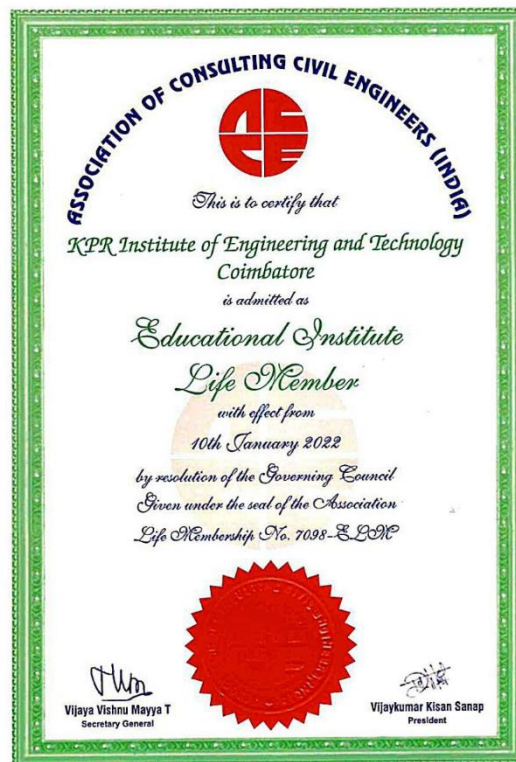


Achievements

- ❖ Department of civil engineering received appreciation by Indian Geotechnical Society(IGS) – A Professional chapter.



- ❖ KPR Institute of Engineering and Technology is admitted as Educational Institute Life member with Association of Consulting Civil Engineers (India).



Certification course by Faculty

S.No	Name of the Faculty	Name of the Course	Organizing Institute	Date of Completion
1	Mr. P. Kalaivanan	Be a Master Communicator	Skills Cafe - Floagames	26.01.2022
2	Mr. Vivek kumar	Estimation and Planning	Civil Guruji	25.01.2022

Faculty Participation

S.No	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Dr. G. Anusha	Workshop	Lean concepts and impact assessments towards sustainability in Indian construction industry	Anna University, chennai	10.01.2022 – 11.01.2022
2	Mr. S. Arjunkumar	FDP	Ecological and Eco-efficient Construction Practices (EECP-2022)	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur in collaboration with IGBC & ICI	17.01.2022 - 21.01.2022
3	Mr. S. Arjunkumar	Webinar	Various Aspects of Green Building Design	Jaypee University of Information Technology Student Chapter IGBC	25.01.2022
4	Mr. S. Arjunkumar	Online Training	Post Disaster Needs Assessment PDNA and Long Term Recovery	National Institute of Disaster Management, Ministry of Home Affairs in collaboration with Mahatma Gandhi State Institute of Public Administration MGSIPA	19.01.2022 - 21.01.2022
5	Mr. S. Vinoth	Webinar	Recent advances in Civil Engineering	Jyothy institute of technology	29.12.2021 - 4.01.2022
6	Mr. S. Vinoth	FDP	Ecological and Eco efficient	Swami Keshvanand Institute of Technology	17.01.2022 - 21.01.2022

			Construction practices		
7	Mr. S. Vinoth	Atal FDP	Green Technology & Sustainability Engineering	Motilal Nehru National Institute of Technology Allahabad	24.01.2022 - 28.01.2022
8	Mr. S. Arjunkumar.	Webinar	Earthquake Risk Mitigation for Sustainable Hill Area Development	National Institute of Disaster Management, Ministry of Home Affairs in collaboration with District Disaster Management Authority Siramaur Himachal Pradesh	31.01.2022
9	Lt.Dr A K Priya	International Conference	International Conference On Recent Trends In Applied Sciences And Computing Engineering	VIT, Bhopal	17.12.2021 - 19.12.2021
10	Lt.Dr A K Priya	ATAL FDP	"Recycling of Plastics for Sustainable Growth"	Central Institute of Petrochemicals Engineering & Technology(CIPET): Institute of Plastics Technology(IPT).	10.01.2022 - 14.02.2022
11	Lt.Dr A K Priya	ATAL FDP	"Design Thinking"	Engineering College Bikaner.	17.01.2022 - 21.01.2022
12	Ms. K. Dhivya	Orientation Programme	Recent Advances in Civil Engineering	Jyothy Institute of Technology, Bengaluru, Karnataka	29.12.2021 – 04.01.2022
13	Ms. K. Dhivya	FDP	Ecological and Eco efficient Construction practices	Swami Keshvanand Institute of Technology	17.01.2022 - 21.01.2022
14	Ms. K. Dhivya	Workshop	Lean concepts and impact assessments towards sustainability in Indian construction industry	Anna University, chennai	10.01.2022 – 11.01.2022

Faculty as a Resource Person

S.No	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Meenakshi B S	Resource Person	Webinar on "Implementation of Zero Waste campus"	KPR Institute of Engineering and Technology	12.01.2022
2	Dr.A K Priya	Resource person	Session on "How to write Research Paper"	KPR Institute of Engineering and Technology	11.01.2022
3	Mr.P.Manikandan	Resource person	Faculty seminar on "Fundamental of digital marketing"	KPR Institute of Engineering & technology	31.01.2022
4.	Meenakshi B S	Resource person	Session on "Design Publish Brand through CANVA"	KPR Institute of Engineering & technology	12.01.2022

Students Achievement

S.No	Student	Class	Achievement	Organizer
1	Mr. S. Bharanitharan	II CE	Completed Basic Leadership Camp(BLC) & Advance Leadership Camp (ALC) – National Level camp, Tamil Nadu Puducherry & Andaman Nicobar directorate	NCC
2	Mr. K. Boopathy	III B	Certification course on "Introduction to python"	Coding Ninjas

Students Participation

S.No	Name of the Student	Class	Nature of the Program	Name of the Program	Organizer	Date
1	Nithishkrishnaa K	III A	Webinar	Structural Audit, Repair, Rehabilitation & Retrofitting of Buildings: Process & Methodologies	Ultratech cement	29.1.2022
2	Surendhar V	II B	Quiz	Electronic vehicles	KPRIET	29.1.2022
3	Saranya R	III A	Quiz	Quiz series on Electric Vehicles	KPRIET	29.01.2022
4	Varshitha.K	III A	Quiz	Quiz series on Electric Vehicle	Kpr Institute Of Engineering And Technology	29.01.2022
5	Sangeetha M	II B	Workshop	Korean workshop	ISAT	14.01.2022
6	Shiyamala.R	II B	Quiz	Quizzes on electric vehicles	KPR Institute of Engineering and Technology	29.1.2022

Faculty Publication details

- R. Ranjith kumar, S. Thanigaivel, A. K. Priya and Ett al Published paper on the topic “Fabrication of MnO₂ Nanocomposite on GO Functionalized with Advanced Electrode Material for Supercapacitors” in Journals of nanomaterials, SCI, January 2022. <https://www.hindawi.com/journals/jnm/2022/7929270/>
- R. Ranjith kumar, S. Thanigaivel, A. K. Priya and Ett al Published paper on the title “ Performance Evaluation of Cyclic Stability and Capacitance of Manganese Oxide Modified Graphene Oxide

Nanocomposite for Potential Supercapacitor Applications” in Journals of Nanomaterials, SCI, January 2022. <https://www.hindawi.com/journals/jnm/2022/7352246/>.

- Dr. K. S Elango and Ett al Published paper on the title “Mechanical and Durability Studies on Ficus exasperata Leaf Ash Concrete” Advances in Civil Engineering, SCI, January 2022. <https://doi.org/10.1155/2022/4038344>
- Ms. P. Indhiradevi and Ett al Published paper on the title “ A case study of using median as an alternative for signal controlled intersection” in Materials Today Proceedings, January 2022.

Faculty Industry Visit

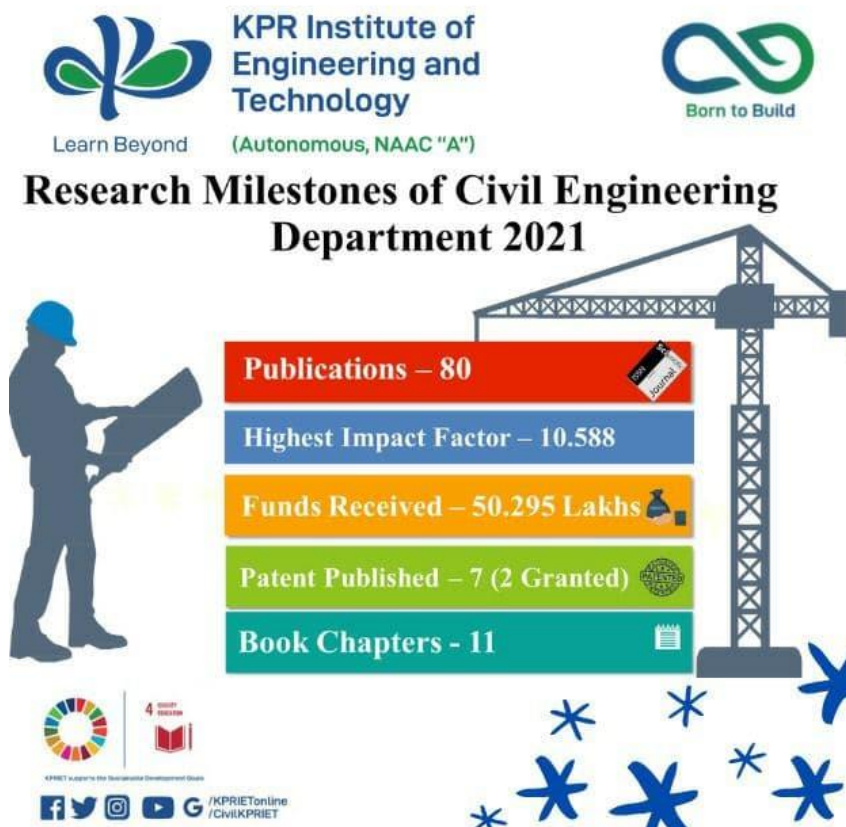
S.No	Name of the Industry	Visit Date	Name of the Faculty's
1.	JJ Constructions, Tiruppur	11-01-2022	Mr. S. Vinoth Mr. S. Arjun Kumar
2	Shiva Property Developers, Tiruppur	11-01-2022	Mr. S. Vinoth Mr. S. Arjun Kumar
3.	Daxesh Builders, Tiruppur	11-01-2022	Mr. S. Vinoth Mr. S. Arjun Kumar
4.	Design Forum India Pvt Ltd, Coimbatore	11-01-2022	Mr. S. Yuvaraj Mr. S. Ganesh Kumar
5.	CEBACA, Coimbatore	11-01-2022	Mr. S. Yuvaraj Mr. S. Ganesh Kumar
6.	M. Dharmalingam Associate, Coimbatore	11-01-2022	Mr. S. Yuvaraj Mr. S. Ganesh Kumar
7.	Conserve Solutions, Chennai	28-01-2022	Dr. G. Anusha Mr. S. Yuvaraj Mr. P. Kalaivanan

Consultancy Details

S.No	Name of the Laboratory	Amount Received
1	Concrete and Highway Engineering Laboratory	Rs. 450 /-
2	Environmental Engineering Laboratory	Rs. 1000 /-
TOTAL		Rs. 1450 /-

Other Activities

Research Milestone of Department - 2021



Pranayama Practices



NBA Audit by a Eminent Person, NIT, Trichy



Faculty Visit



