



Department of
Civil Engineering



Monthly Newsletter

JULY 2022



Learn Beyond

KPR Institute of
Engineering and
Technology

(Autonomous, NAAC "A")

EDITORIAL BOARD

Editor in Chief

Dr. G. Anusha

Professor & Head

Editor

Ms. K. Dhivya

Assistant Professor

Student Editor's

Mr. P. R. Shanjai – 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 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.

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

Expert Talk on “CNI (Construction Network of India)”

Date: 22.07.2022

Resource Person: Er. Satchithananda Moorthy M.E(Struct),
Proprietor,
Silent Valley Construction, Coimbatore.

On July 22, 2022 department of Civil Engineering in association with Construction Networks of India (CNI), Coimbatore Chapter organized an Industry Expert Talk on "Entrepreneurship in Civil Engineering" at Thanam Hall.

The purpose of the webinar is to create awareness among the students about Entrepreneurship in Civil Engineering and opportunities available in the construction fields. Er. C. Satchithananda Moorthy, Proprietor, Silent Valley Construction, Coimbatore addressed the students on the various disciplines in the construction field such as Civil contractor, LBS, Bank valuer, Digital surveyor, Soil testing, Real estate developer, Demolishing contractor, Equipment supplier, Interior work, Material manufacturer, Gypsum plastering contractor, etc.,

Also he shared his experience about the initial budget requirement for the start-up in the above disciplines. Students actively participated in the session and they were able to clarify any questions they had about the most recent developments in the construction industry.



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

Born to Build
DEPARTMENT OF CIVIL ENGINEERING

CNI
CONSTRUCTION NETWORK OF INDIA

INDUSTRY EXPERT TALK

Convenor:
Dr. G. Anusha HoD/Civil

Coordinators:
Dr. S. Kanmani AsP/Civil
Mr. P. Kalaivanan AP/Civil

Resource Person
Er. C. SATCHITHANANDA MOORTHY M.E(Struct)
Proprietor
Silent Valley Construction
Coimbatore

22-07-2022 11:00 AM
THANAM HALL

SUSTAINABLE DEVELOPMENT GOALS
Great Place to Work
Certified

KPRINETonline



Webinar on “100 hours Techno Carnival Theme: Sustainable Development of the Nation – The Role of Engineers”

Date: 22.07.2022

Resource Person: **Dr. S. Ramanan,**
Former Director, Area Cyclone Warning Centre,
Regional Meteorological Centre, Chennai.

Padma Shree Dr. G. Shankar,
Founder and Chairman,
Habitat Technology Group,
Thiruvanathapuram.

The programme was organized by the Department of Civil Engineering in association with IEI.

Dr. S. Ramanan, Former Director, Area Cyclone Warning Centre, Regional Meteorological Centre, Chennai gave a lecture on the topic “ Climate Change Iceland – An Example” and Padma Shree

Dr. G. Shankar, Founder and Chairman, Habitat Technology Group, Thiruvanathapuram gave a lecture on the topic “ Towards a Green Habitat Recovery.”

The poster is for a webinar organized by The Institution of Engineers (India) - Tamil Nadu State Centre. It is part of the Centenary Celebrations "100 Hours IEI - TNSC Techno Carnival". The webinar is on the theme "Sustainable Developments of the Nation - The Role of Engineers" and is jointly organized with the Coimbatore Local Centre. It took place on 22nd July 2022 (Friday) from 10:30 AM to 12:30 PM through an online platform. The speakers are Dr. S. Ramanan, Former Director of the Area Cyclone Warning Centre, Regional Meteorological Centre, Chennai, and Padma Shree Dr. G. Shankar, Founder and Chairman of Habitat Technology Group, Thiruvanathapuram. The organizing partner is the Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore. The poster also lists the Zoom Meeting ID (813 1501 4532), Passcode (IEICLC), and YouTube Link (https://youtu.be/HFM3P0wqgw). It includes a list of organizers and co-ordinators.

Webinar on “Student Centric Pedagogy”

Date: 29.07.2022

Resource Person: **Dr. K. Divakar,**
Department of Bio-Technology,
Sri Venkateshwara College of Engineering,
Chennai.

On 22nd July, 2022 department of Civil Engineering organized webinar on “Student Centric Pedagogy” in association with IQAC to the faculty members.

The poster is for a webinar organized by the Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore, in association with the Internal Quality Assurance Cell (IQAC). The webinar is on the theme "Student centric pedagogy". It took place on 29.07.2022 at 02:00 PM at The Legend Hall. The resource person is Dr. K. Divakar, Associate Professor, Department of Biotechnology, Sri Venkateshwara College of Engineering, Sriperumpudur, Tamil Nadu. The poster also lists the convenors (Dr. G. Anusha, Head/Civil and Dr. J. Karpagam, Head/IQAC) and co-ordinators (Dr. S. Kanmani, AsP/Civil and Dr. R. Dharmaraj, AsP/Civil). It includes the KPR Institute of Engineering and Technology logo and the IQAC logo.

Alumni Talk on “Preparation Techniques to Crack IT Sector Interviews”

Date: 30.07.2022

Resource Person: Mr. M. Mohamad Abbas,

Batch: 2018 – 2022,
Wipro Limited.

Mr. S. Vijay Anand,

Batch: 2018 – 2022,
Wipro Limited.

On 30th July, 2022 department of Civil Engineering in association with office of alumni relations organized an alumni talk on “Preparation Techniques to Crack IT Sector Interviews” to their juniors. Students took part actively in the alumni talk.

KPR Institute of Engineering and Technology (Autonomous, NAAC "A")
Learn Beyond | Born to Build | Department of Civil Engineering

Avinashi Road, Arasur, Coimbatore.

Preparation Techniques to Crack IT Sector Interviews
Lets Hear From Seniors

Mohamad Abbas M
Batch : 2018-2022
Wipro Limited

Vijay Anand S
Batch : 2018-2022
Wipro Limited

30.07.2022 | 01.45 PM

Venue : Thanam Hall

Great Place To Work Certified | KPRIETonline

Orientation Programme on “ASCE Student Chapter”

Date: 30.07.2022

Resource Person: Mr. Narasimha Chary Poloju,

P.Eng., S.E, M.GI, M.ASCE, M.AEI, M.SEI,

ASCE India Section Southern Region President,

ASCE Region 10 Board of Governor’s Corr.Member.

On 30th July, 2022 department of Civil Engineering organized an Orientation Programme on “ASCE Student Chapter”, Mr. Narasimha Chary Poloju, P.Eng., S.E, M.GI, M.ASCE, M.AEI, M.SEI, ASCE India Section Southern Region President, ASCE Region 10 Board of Governor’s Corr.Member shared about ASCE student chapter and the benefits of membership to the students and clarified the doubts regarding the queries raised by the students.

KPR Institute of Engineering and Technology (Autonomous, NAAC "A")
Learn Beyond | Born to Build | supported by ASCE INDIA SECTION Southern Region

Orientation Programme on ASCE (American Society of Civil Engineers) STUDENTS CHAPTER (Online)

Chief Guest
Mr. Narasimha Chary Poloju
P.Eng., S.E, M.GI, M.ASCE, M.AEI, M.SEI
ASCE India Section Southern Region President
ASCE Region 10 Board of Governor’s Corr.Member

Student Co-ordinators: Mr. A. Faheem Ahmed, Mr. S. Prasanth | Date: 30.07.2022 | Time: 3.00 pm | Venue: Thanam Hall

Great Place To Work Certified | kpriet.ac.in | KPRIETonline

Orientation on “World Skill Competition”

Date: 30.07.2022

Resource Person: Mr. S. Yuvaraj,
Assistant Professor,
Department of Civil Engineering,
KPRIET.

On 30th July, 2022 department of Civil Engineering organized an orientation on “World Skill Competition”, Mr. S. Yuvaraj, Assistant Professor, Department of Civil Engineering, KPRIET explained students about the world skill competition and motivated them to participated in this competition.

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

Department of Civil Engineering

Great Place To Work Certified
MAR 2022 - MAR 2023
INDIA

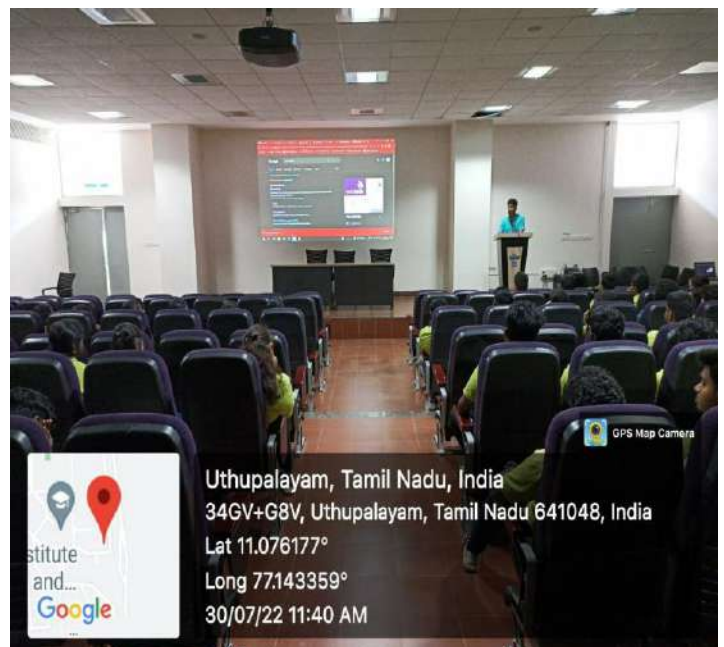
Orientation on World Skill Competition

Mr. S. Yuvaraj
Assistant Professor
Department of Civil Engineering
KPR Institute of Engineering and Technology

VENUE : THANAM HALL

30.07.2022 11.00 AM

KPRIETOnline



Orientation Programme to “ II Year Students”

On July 26, III year students organised an "Orientation Programme" for II year students at Thanam Hall.

Dr. G. Anusha, Head of the Department, explained about the various activities taken forward for the benefit of the students in their academics and career. She distributed prizes to students those who secured top ranks in academics and also to the students who achieved in various co-curricular and extracurricular activities during I year.

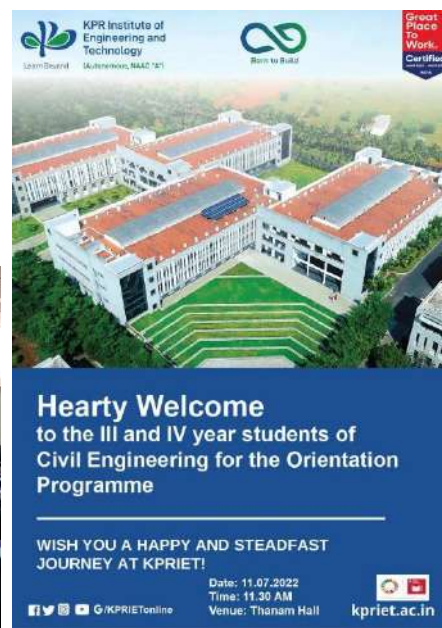
Then, III year students welcomed the II year students and explained them about the preparation for GATE exam, government job opportunities, internship opportunities, BIM centre of excellence, opportunities in core and IT sector, defence opportunities and club activities etc.,



Orientation Programme to “ III and IV Year Students”

Orientation programme conducted by our department at Thanam hall for the III and IV year students. Head of the department Dr. G. Anusha addressed the students regarding Vision, Mission of the Department, and Institute. She also explained the students about the Outcome based Education and Teaching Learning process.

In addition to that, ICI incharge Mr. S. Vinoth shared the students about ICI(Indian concrete Institute) student chapter and their membership beneficiaries. Students were actively engaged in the session and clarified their doubts.



Industry Awareness Orientation Programme on “Building Information

Modelling

Date: 28.07.2022

Resource Person: Mr. T. Anand,
 Founder and CEO,
 Swifterz Creative Services (LLP).

On 28th July, 2022 department of Civil Engineering organized industry awareness orientation programme on building information modelling to the II year students. Mr. T. Anand, Founder and CEO, Swifterz Creative Services (LLP) gave a lecture about BIM. Students actively took part in the session.



Two Weeks Internship in Summer

Parents – Teacher – Student Connect for III and IV Year



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



Department of Civil Engineering
Born to Build

Bridging communication between parents and teachers

Parent - Teacher - Student Connect 2022 (Online)





2022
JULY
10
5:00 PM IST

Join us on 

Meeting ID : 847 0861 8917
Passcode : 447570





We whole-heartedly invite all the parents & students to this virtual connect



kpriet.ac.in
#KPRBETonline /CIVILBPRBET

Parents – Teacher – Student Connect for II Year



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



Department of Civil Engineering
Born to Build



Bridging communication between parents and teachers

Parent - Teacher - Student Connect 2022 (for II year)





2022
25
July
11.00 AM IST

Venue: Thanam Hall, KPRIET




We whole-heartedly invite all the parents & students to this connect



kpriet.ac.in
#KPRBETonline /CIVILBPRBET




Faculty Achievements

Name of the Faculty	Type of Program	Title of the Program	Organising Institute
Dr. K. S. Elango	Fellowship	Dr. APJ Abdul kalam young researcher fellowship	TERRE policy centre, Maharashtra
Dr. A. K. Priya	Seminar Grant	IEI	IEI



Warmest congratulations

Lt. Dr. A. K. Priya
Professor

For receiving grant of Rs. 30,000 for All India Seminar on "Advances in Hazardous Waste Management Technology"

sponsored by
The Institution of Engineers (India)

kpriet.ac.in
G+/KPRIETonline



Hearty Congratulations to the Winners

of "Dr. APJ Abdul Kalam Young Research Fellowship 2021- 2022"

Dr. K. S. Elango
Associate Professor
Faculty Mentor

Mr. N. Aravindan
IV CE

Mr. K.K. Arun Aravind
IV CE

Mr. R. Boopathi
IV CE

Mr. A. Dhilipkumar
IV CE

Department of Civil Engineering

Faculty Participation

S.No	Name of the Faculty	Type of Program	Title of the Program	Organising Institute	Date
1	Dr. G. Anusha	FDP	Advances in Analytical Techniques	SRM Institute of Science and Technology, Ramapuram Campus	25.07.2022 to 30.07.2022
2	Dr. G. Anusha	Conference	International Conference on Recent Trends in Science & Technology	ATME College of Engineering	14.07.2022 to 15.07.2022

3	Ms. K. Dhivya	FDP	Advances in Analytical Techniques	SRM Institute of Science and Technology, Ramapuram Campus	25.07.2022 to 30.07.2022
4	Ms. K. Dhivya	Webinar	National Intellectual Property Awareness Mission	IPR	08.07.2022
5	Mrs. B. S. Meenakshi	Webinar	National Intellectual Property Awareness Mission	IPR	08.07.2022
6	Dr. S. Kanmani	Webinar	National Intellectual Property Awareness Mission	IPR	08.07.2022
7	Mr. S. Vinoth	Webinar	National Intellectual Property Awareness Mission	IPR	08.07.2022
8	Mr. S. Vinoth	Webinar	Advances in use of cement paste in precast concrete industry	Ultra Tech Cement Ltd.	09.07.2022
9	Mr. S. Vinoth	Webinar	New techniques for prevention and mitigation of disaster triggered by earthquake and tsunami	Ultra Tech Cement Ltd.	16.08.2022
10	Mr. S. Vinoth	Technical Workshop	Simplified Structural Designs using Ready Reckoner Techniques	Structural Engineer's Association Tamil Nadu (SEAT)	31.07.2022
11	Mr. P. Manikandan	FDP	Advances in Analytical Techniques	SRM Institute of Science and Technology, Ramapuram Campus	25.07.2022 to 30.07.2022

12	Dr. S. Kanmani	Conference	Review on Potential Antiviral and Immuno Modulatory properties of piper Longum	ICAMST'2022	14.08.2022 to 16.08.2022
13	Dr. S. Kanmani	Conference	Role of Butter: A Natural Therapy in Patients with Sore Throat.	ICAMST'2022	14.08.2022 to 16.08.2022
14	Mr. S. Yuvaraj	Webinar	National Intellectual Property Awareness Mission	IPR	08.07.2022
15	Dr. K. S. Elango	Webinar	National Intellectual Property Awareness Mission	IPR	08.07.2022

Students Achievement

S.No	Student	Class	Achievement	Organizer
1	Flight Cadet Akhilesh M	II	Gold Medal for Academic boys	VSC IGC Selection Camp, TN AIR SQUADRON NCC
2	Flight Cadet Hemanth Kumar	II	Silver Medal for Academic boys	VSC IGC Selection Camp, TN AIR SQUADRON NCC
3	Flight cadet Jeysakthi vel mani	II	Silver Medal for Firing boys	VSC IGC Selection Camp, TN AIR SQUADRON NCC
4	Mr. N Aravidan, IV/CE	IV	Winner of Dr. APJ Abdul kalam young researcher fellowship 2021-22	TERRE policy centre, Maharashtra

Mr.K K Arun Aravind, IV/ CE			
Mr R Boopathi, IV/CE			
Mr A Dhilipkumar, IV/CE			

Students Participation

S. No	Name of the Student	Class	Nature of the Program	Name of the Program	Organizer	Date
1	Mr. A. Faheem Ahmed	IV	Blood Donation	Blood Donation	Kovai Medical Centre & Hospital	15.07.2022
2	Mr. K. Hariharan	III	Quiz	UNSDG Awareness Quiz	KPRIET	20.07.2022
3	Ms. V. M. Rahuma	III	Quiz	UNSDG Awareness Quiz	KPRIET	20.07.2022
4	Mr. P. R. Shanjai	III	Quiz	UNSDG Awareness Quiz	KPRIET	20.07.2022
5	Mr. V. Surendhar	III	Quiz	UNSDG Awareness Quiz	KPRIET	20.07.2022
6	Mr. A. Sreedharan	III	Quiz	UNSDG Awareness Quiz	KPRIET	20.07.2022
7	Mr. P. R. Shanjai	III	Webinar	Special Types of Concrete and	Annapoorna Engineering College	27.07.2022

				Reinforcements in Construction Practice		
8	Mr. M. Shanmugasundar	III	Webinar	Special Types of Concrete and Reinforcements in Construction Practice	Annapoorna Engineering College	27.07.2022
9	Mr. A. Sreedharan	III	Webinar	Special Types of Concrete and Reinforcements in Construction Practice	Annapoorna Engineering College	27.07.2022
10	Ms. V. Varunika	III	Online Course	Introduction to Data Science	Skillup	28.07.2022
11	Mr. P. Thanushkodi Adhithyan	II	Silambam	Silampam Competition	Decathlon	24.07.2022
12	Ms. R. Shiyamala	III	Conference	Role of Butter: A Natural Therapy in Patients with Sore Throat.	ICAMST'22	14.08.2022 to 16.08.2022
13	Ms. S. Divya	III	Conference	Role of Butter: A Natural Therapy in	ICAMST'22	14.08.2022 to 16.08.2022

				Patients with Sore Throat.		
14	Mr. V. Prathick	III	Conference	Review on Potential Antiviral and Immuno Modulatory properties of piper Longum	ICAMST'22	14.08.2022 to 16.08.2022
15	Mr. M. Rajesh	III	Conference	Review on Potential Antiviral and Immuno Modulatory properties of piper Longum	ICAMST'22	14.08.2022 to 16.08.2022

Faculty Publication details

- Lalitha Gnanasekaran , Dr. A. K. Priya and ett al published paper on the title “Existence of Ti^{3+} and dislocation on nanoporous CdO–TiO₂ heterostructure applicable for degrading chlorophenol pollutant” in SCI, Environmental Research.
- Sarvanan Rajendran, Dr. A. K. Priya and ett al published paper on the title “A critical and recent developments on adsorption technique for removal of heavy metals from wastewater- A review” in SCI, Chemosphere.
- Dr. A. K. Priya and ett al published paper on the title “Heavy metal remediation from wastewater using microalgae: Recent advances and future trends” in SCI, Chemosphere.
- S. Thanigaivel, Dr. A. K. Priya and ett al published paper on the title “Sustainable applicability and environmental impact of wastewater treatment by emerging nanobiotechnological approach: Future strategy for efficient removal of contaminants and water purification” in SCI, Sustainable Energy Technologies, and Assessments

Faculty Industry Visit

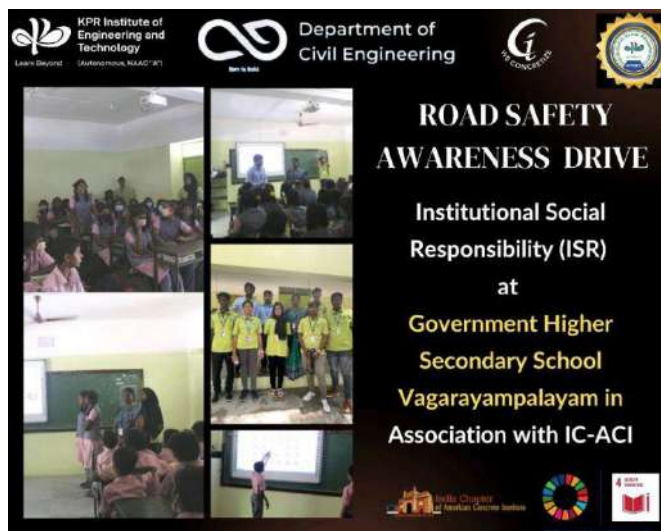
S.No	Name of the Industry	Visit Date	Name of the Faculty's
1	Buildlink Associates, Coimbatore	19.07.2022	Dr. R. Saravanakumar Mr. S. Yuvaraj

Consultancy Details

S.No	Name of the Laboratory	Amount Received
1	Concrete and Highway Engineering Laboratory	Rs. 7,617/-
2	BIM COE	Rs. 11,500 /-
TOTAL		Rs. 19,117 /-

ISR Activity

On July 28, 2022, department of Civil Engineering and Institute Social Responsibility team, KPRIET in association with Indian Chapter of American Concrete Institute organized "Road Safety Awareness Programme" at Government higher secondary school in vagarayampalayam, Coimbatore. Mr. B. S. Meenakshi and Mr. S. Ganesh Kumar along with the team of students educated the school children about road safety through an ICT tool and by hands - on - training. Through this session around 77 students were educated about the road safety.



Other Activities

Industry visit by III Year to Build Expo'2022 Conducted by CNI

CNI (Construction Network of India) conducted a Building Expo'2022 in Brindhavan Hall, Coimbatore. Our students of III year visited the Build Expo and gained knowledge about the various building materials, Construction Equipment, Interior and Exterior designs. Nearly 100 plus stalls were displayed in the Expo. Students actively took part into the Business symposium.



Visit to KPR Farms by III Year Students



ACCE AGM Meeting



Participation in Codissia Expo'2022



Welcoming Academic Year 2022 - 2023



success Party in Funmall

