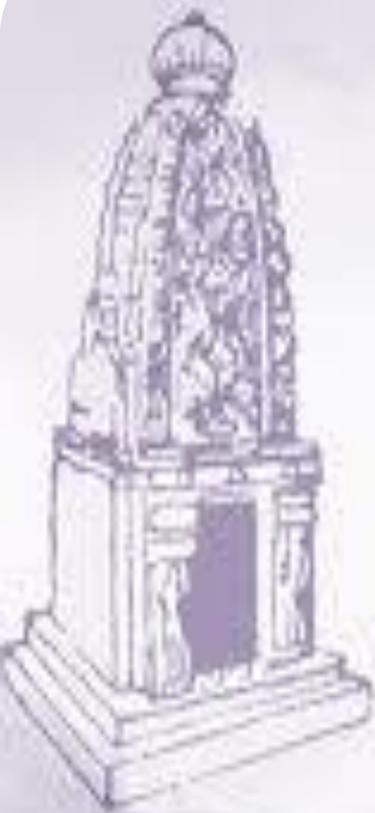


# DEPARTMENT OF CIVIL ENGINEERING

**Konstrukcia**  
**JUL'22 – DEC'22**



Nagara style



Dravida style



Vesara style



Autonomous | Affiliated to Anna University, Chennai  
Accredited by NAAC with 'A' Grade | NBA (ECE, EEE, CSE, MECH & IT)

Myleripalayam village, Othakkal Mandapam, Tamil Nadu 641032

### **Vision of the Institute**

To become one of the best institutions at the National and International level by incorporating innovative teaching -learning methods to enable the students to secure a high-value career, motivate to pursue higher education and research to serve the society

### **Mission of the Institute**

- To bring out knowledgeable engineers and professionals in their field of specialization by having qualified and trained faculty members and staff besides necessary infrastructure and to create highly conducive teaching and learning environment .
- To work in close association with stakeholders by way of enhanced industry – institute interaction, to take up need based research and industry specific programmes.
- To organize co-curricular and extracurricular activities for character and personality development to produce highly competent and motivated engineers and professionals to serve and lead the society.

### **Vision of the department**

- To produce technically knowledgeable and socially responsible Civil Engineers by inculcating value based technical education

### **Mission of the department**

- ❖ Imparting strong technical knowledge through qualified faculty.
- ❖ Enriching the exposure of the students in emerging technologies, entrepreneurship, and research by industry – institute interaction.
- ❖ Enabling the students to become professionally and socially responsible engineers.

### **Editorial Desk**

#### **Patron**

**Dr.G.K.Arunvivek**

**Head of the Department/Civil**

#### **Editor-in-Chief**

**Mr.C.Pradeep Kumar**

**Assistant Professor/Civil**

### **Executive members**

**Aakash R (19C101) – IV year**

**Karthigeyan G (20C123) – III year**

## **ABOUT KARPAGAM COLLEG OF ENGINEERING**

Karpagam College of Engineering (KCE) was established in the year 2000 under the aegis of Karpagam Charity Trust by Dr. R. Vasanthakumar. The Chairman and Managing Trustee, Dr. R. Vasanthakumar was a Gold Medalist in Electrical Engineering and has devoted himself to the spread of Engineering and Higher Education among the deserving and needy public. He is a great philanthropist and a shrewd entrepreneur. The Vision of the institute is to provide quality education with ample industrial exposure and teaching & learning methods best suited for all learners. KCE got its autonomy status in 2010 and for the past 21 years, the institution has excelled in terms of performance with regard to curriculum and its implications on society's welfare & Nation building.

We are offering 11 UG programmes i.e. AI&DS, CIVIL, CSE, CST, CSD, CSE(CS), ECE, EEE, ETE, IT, MECH and 3 ME Programmes namely Mechatronics, VLSI Design and Communication System. PG in Master of Business Administration (MBA), Master of Computer Applications (MCA) and Ph.D. research programmes in EEE, ECE, MECH and IT. The institution strongly believes in building knowledge and skills through strong industry interactions, collaboration and training through various CoEs. The institute has signed 100+ MoUs with leading manufacturing industries, service industries, research organizations and foreign universities to equip the faculty fraternity and students community on cutting edge technology. It helps to collaborate across domains and integrate courses in cross functional ways. The campus of KCE is beautifully landscaped in a lush green stretch in the Palghat pass Coimbatore, the manufacturing hub and the Manchester of South India. Our 5000+ students and 16,000+ Alumni is the cornerstone of our success.

## **ABOUT THE DEPARTMENT**

The department of Civil Engineering was started in the year 2008. It offers an under graduate course in Civil Engineering with an intake of 60 students every year. Our main goal is to be the centre of excellence for the development and dissemination of knowledge in Structural Engineering, Construction Engineering and Management, Water Resources and Management, Transportation, Environmental Engineering, Urban Engineering, Geotechnical Engineering, Remote sensing, GIS and its applications. The Department has good infrastructure and it is well equipped with state-of-the-art laboratory facilities necessary for imparting high quality education and is structured to meet our present day needs of the Civil Engineering field. Students from our department have always proved to be meritorious. The department has well experienced and qualified faculty members who are regularly presenting papers in and national and international conferences and publishing their technical papers in reputed journals. The department is supported by teaching staff of varied experience and specialization. Our Faculties are life members of various professional bodies such as 'Indian Concrete Institute' (ICI), The Institution of Engineers (India) (IE), Indian Geotechnical Society (IGS), Indian Society for Technical Education (ISTE), The Institution of Valuers (IOV), International Society for Research and Development (ISRDR).

### **WARM WELCOME TO**

- ❖ Dr.Sivalingam K joined as Professor on 04<sup>th</sup> July 2022.

### **DEPARTMENT ACTIVITIES**

- ❖ Organised a Guest lecture on “An Insight into career opportunities in civil engineering to KCEians by KCEians for the second and third year students of Civil Department from 10<sup>th</sup> August 2022 to 12<sup>th</sup> August 2022.



- ❖ Organised a Visvesvaraya Memorial Lecture on “Digital Surveying” for the students of Department of Civil Engineering on 16<sup>th</sup> September 2022



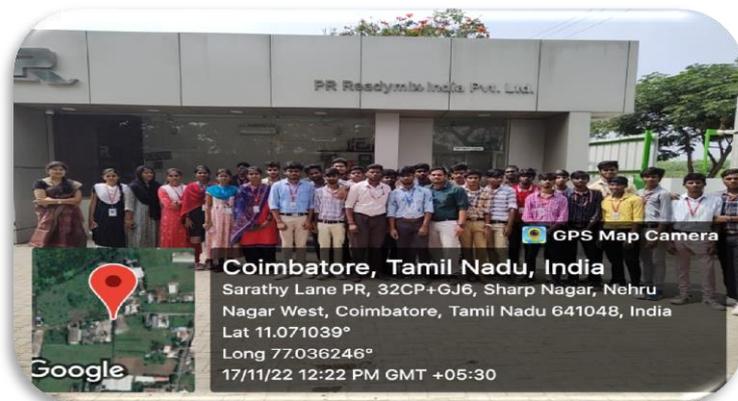
- ❖ Organised a Hands – on Training on “Sketchup Software” for the third year students of Civil Department on 28<sup>th</sup> October 2022



- ❖ Local visit has been arranged for the Third year Civil Engineering students to a construction site located at Chettipalayam on 21<sup>st</sup> October 2022



- ❖ Local visit has been arranged for the Second year Civil Engineering students to PR Readymix India Pvt.Ltd,Kalapatti on 17<sup>th</sup> November 2022



## **FACULTY ACHIEVEMENTS**

### **Journal Publication– International/ National conferences**

#### **Mr.Prasannan D, Assistant Professor**

- ❖ Published a paper titled “Role of Underwater Robots in Ocean Exploration Research”, International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022, pp. 1725-1733, 2022.

#### **Mr. Jeganmurugan P, Assistant Professor**

- ❖ Published a paper titled “Investigation on the Acoustic Behaviour of Perlite in Concrete”, IOP Conference Series: Earth and Environmental Science, vol. 1086, part 3, pp. 1725-1733, 2022.
- ❖ Published a paper titled “Performance of Light Weight Self Cured Geopolymer tiles”, IOP Conference Series: Earth and Environmental Science, Vol.1125, part 5, pp.1315-1325, 2022.

#### **Mr. Pradeep Kumar C, Assistant Professor**

- ❖ Published a paper titled “Study on fire performance characteristics of steel reinforcement in RCC structures”, IOP Conference Series: Earth and Environmental Science, vol. 1086, part 3, pp. 1755-1765, 2022.

#### **Paper Presentation– International/ National conferences**

#### **Ms. Srinisha A, Assistant Professor**

- ❖ Presented a paper titled “Analysis and Identification of Micro plastic ” at the National Conference on “Sustainable Alternatives Towards Environmental Pollution Management (SATEP’ 22) organised by the Department of Biotechnology, Faculty of Engineering, held at Karpagam Academy of Higher Education, Coimbatore, on 15<sup>th</sup> December 2022 to 16<sup>th</sup> December 2022.

#### **Seminar / Workshop / FDPs / STTPs – Presented / Attended**

#### **Mr.Prasannan D, Assistant Professor**

- ❖ Mr. Prasannan D, Assistant Professor has participated in the L&T Edu Tech – Naan Mudhalvan Training of Trainers program for “Design and Construction of Steel Buildings” held between 19<sup>th</sup> September 2022 to 22<sup>nd</sup> September 2022
- ❖ Mr. Prasannan D, Assistant Professor has successfully completed NPTEL course on “Project Planning and Control” during Jul-Sep 2022

#### **Mr.Manojsuburam R, Assistant Professor**

- ❖ Mr. Manjoseburam R Assistant Professor has secured Elite in the NPTEL course “Entrepreneurship” during Jul-Oct 2022.
- ❖ Mr. Manjoseburam R Assistant Professor has secured Elite in the NPTEL course “Introduction to research” during Aug-Oct 2022

#### **Mrs.Tharani A, Assistant Professor**

- ❖ Mrs.Tharani A, Assistant Professor, has attended AICTE, MOE’s IIC sponsored one week faculty development program on “Entrepreneurship, Innovations & Digital Skills in New Era of AI organized by MIT Moradabad from 25<sup>th</sup> July to 29<sup>th</sup> July 2022.

#### **Mr.Sakthivel E, Assistant Professor.**

- ❖ Mr. Sakthivel E, Assistant Professor has secured Elite + Silver in the NPTEL course “Plastic Waste Management” during Aug-Oct 2022

#### **Ms.Pilomina P S, Assistant Professor**

- ❖ Ms.Pilomina P S, Assistant Professor, has attended AICTE, MOE’s IIC sponsored one week faculty development program on “Entrepreneurship, Innovations & Digital Skills in New Era of AI organized by MIT Moradabad from 25<sup>th</sup> July to 29<sup>th</sup> July 2022.

#### **Mr. Pradeep Kumar C, Assistant Professor**

- ❖ Mr.Pradeep Kumar C, Assistant Professor has participated in the L&T Edu Tech – Naan Mudhalvan Training of Trainers program for “High Rise Building Design” held between 19<sup>th</sup> September 2022 to 22<sup>nd</sup> September 2022.
- ❖ Mr.Pradeep Kumar C, Assistant Professor has secured Elite in the NPTEL course “Building Materials and Composites “during Jul-Sep 2022.
- ❖ Mr.Pradeep Kumar C, Assistant Professor has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission organised by Intellectual Property Office, India on 15<sup>th</sup> November 2022.
- ❖ Mr.Pradeep Kumar C, Assistant Professor has attended five days Online Faculty Development Programme on “Sustainable Development with Innovations In Civil Engineering” organised by Velammal College of Engineering and Technology (Autonomous), Madurai from 21<sup>st</sup> November to 25<sup>th</sup> November 2022.

#### **Ms. Ushapriya B T, Assistant Professor**

- ❖ Ms Ushapriya B T, Assistant Professor has participated in the L&T Edu Tech – Naan Mudhalvan Training of Trainers program for “Building Information Modelling” held between 19<sup>th</sup> September 2022 to 22<sup>nd</sup> September 2022

- ❖ Ms Ushapriya B T, Assistant Professor has successfully completed NPTEL course on “Foundation Engineering”, during Jul-Oct 2022.
- ❖ Ms Ushapriya B T, Assistant Professor has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission organised by Intellectual Property Office, India on 15<sup>th</sup> November 2022

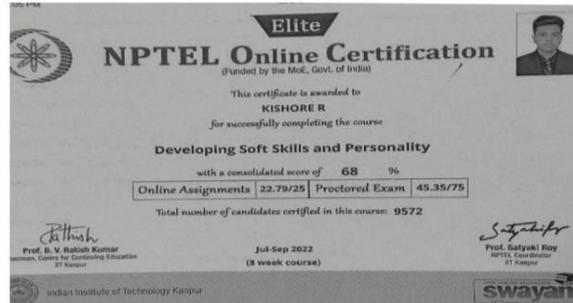
#### **Ms. Srinisha A, Assistant Professor**

- ❖ Ms Srinisha A, Assistant Professor has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission organised by Intellectual Property Office, India on 15<sup>th</sup> November 2022

#### **Student achievements**

- ❖ Akshit J from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 13<sup>th</sup> August 2022.
- ❖ Vishal V from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 13<sup>th</sup> August 2022.
- ❖ Ashwin S from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Balaji A from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Deepikha V from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Divyadharshini V from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Kishore R from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Kowshik S from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Krishnakumar P from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Manivel S from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Manojkumar V from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Mathankumar V from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Naresh N from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Sathish K from II year civil has successfully completed the student learning assessment organised by All India Council for Technical Education, New Delhi on 14<sup>th</sup> August 2022.
- ❖ Mathankumar M from II year civil has completed Sep 5<sup>th</sup> – National Teachers Day GK & Current affairs – quiz program online quiz with a passing excellent score, organised by Dr.Radhakrishnan history teacher’s group Tiruttani, Thiruvallur district, Tamilnadu on 5<sup>th</sup> September 2022.
- ❖ Gokula Krishnan P from III year civil have been awarded for the participation in the “world record event under asia book of records”, organised by Tamilnadu agricultural university on 10<sup>th</sup> September 2022.
- ❖ Hari B from III year civil have been awarded for the participation in the “world record event under asia book of records”, organised by Tamilnadu agricultural university on 10<sup>th</sup> September 2022.
- ❖ Jegathesan P from III year civil have been awarded for the participation in the “world record event under asia book of records”, organised by Tamilnadu agricultural university on 10<sup>th</sup> September 2022.

- ❖ Mathankumar M from III year civil have been awarded for the participation in the “world record event under asia book of records”, organised by Tamilnadu agricultural university on 10<sup>th</sup> September 2022.
- ❖ Raghavan M from III year civil have been awarded for the participation in the “world record event under asia book of records”, organised by Tamilnadu agricultural university on 10<sup>th</sup> September 2022.
- ❖ Kishore R from II year Civil has secured Elite in the NPTEL course “Developing Soft Skills and Personality” during Jul – Sep 2022.
- ❖ Boopathi S from III year civil has participated in the Dr.APJ Abdul Kalam quiz competition organised by Hindustan College of engineering and technology, Coimbatore on 15<sup>th</sup> October 2022.
- ❖ Gokula Krishan P from III year civil has participated in the Dr.APJ Abdul Kalam quiz competition organised by Hindustan College of engineering and technology, Coimbatore on 15<sup>th</sup> October 2022.
- ❖ Mathankumar M from III year civil has participated in the Dr.APJ Abdul Kalam quiz competition organised by Hindustan College of engineering and technology, Coimbatore on 15<sup>th</sup> October 2022.
- ❖ Mathavan E from III year civil has participated in the Dr.APJ Abdul Kalam quiz competition organised by Hindustan College of engineering and technology, Coimbatore on 15<sup>th</sup> October 2022.
- ❖ Muthupandian V from III year civil has participated in the Dr.APJ Abdul Kalam quiz competition organised by Hindustan College of engineering and technology, Coimbatore on 15<sup>th</sup> October 2022.
- ❖ Raghavan M from III year civil has participated in the Dr.APJ Abdul Kalam quiz competition organised by Hindustan College of engineering and technology, Coimbatore on 15<sup>th</sup> October 2022.
- ❖ Thangapandi S from III year civil has participated in the Dr.APJ Abdul Kalam quiz competition organised by Hindustan College of engineering and technology, Coimbatore on 15<sup>th</sup> October 2022.
- ❖ Mathankumar M from III year civil has secured 100 % in the online quiz organised by Ninth sem on 16<sup>th</sup> October 2022.
- ❖ Krishnakumar P from II year Civil has participated in CAD design held as a part of KRISHNECS 2K22 a national level technical symposium conducted by department of Electronics and communication Engineering, organised by Sri Krishna college of engineering and technology, Coimbatore, sponsored by IEEE Madras section on 18<sup>th</sup> October 2022.
- ❖ Darshan K III year Civil has secured Elite in the NPTEL course “Design of Reinforced Concrete Structures” during Jul – Oct 2022.
- ❖ Karthikeyan B III year Civil has successfully completed the NPTEL course “Design of Reinforced Concrete Structures” during Jul – Oct 2022.
- ❖ Packiyathan M III year Civil has successfully completed the NPTEL course “Design of Reinforced Concrete Structures” during Jul – Oct 2022.
- ❖ Raghavan M III year Civil has secured Elite in the NPTEL course “Plastic Waste Management” during Aug – Oct 2022



### Extra - curricular activities

- ❖ Gopinath M P from IV year Civil has secured 3<sup>rd</sup> place in 93 Kg Dead Lift Unequipped Sub-Junior Championship held at VSK Jayanthi Mahal, Samayapuram, Trichy on 6<sup>th</sup> & 7<sup>th</sup> August 2022.



- ❖ Gopinath M P from IV year Civil has secured 2<sup>nd</sup> place in the 93 Kg Weight class men in the Open State Level Deadlift Championship-2022 held at Rathnavel Subramaniam College of Arts & Science, Sulur, Coimbatore on 4<sup>th</sup> September 2022.



- ❖ Gopinath M P from IV year Civil has secured 3<sup>rd</sup> place in 93 Kg Junior Unequipped National Powerlifting Championships held at Chennai from 14<sup>th</sup> September to 18<sup>th</sup> September 2022.
- ❖ Gopinath M P from IV year Civil has secured 1<sup>st</sup> place in power lifting (435 kg) conducted by Karpagam College of Engineering, Coimbatore on 20<sup>th</sup> October 2022.
- ❖ Sivan K J from IV year Civil has secured 3<sup>rd</sup> place in power lifting (290 kg) conducted by Karpagam College of Engineering, Coimbatore on 20<sup>th</sup> October 2022.
- ❖ Karthikeyan N from II year Civil has secured 1<sup>st</sup> place in Badminton at Anna Univeristy Zonal tournament held at Sri Krishna College of Technology on 5<sup>th</sup> November 2022.



