

# DEPARTMENT OF CIVIL ENGINEERING

**Konstrukcia**  
**JUL'21 – DEC'21**



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**

**Manoj N (18C114) – IV year**

**Sophia Ruba Dharsini S (19C122) – 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**

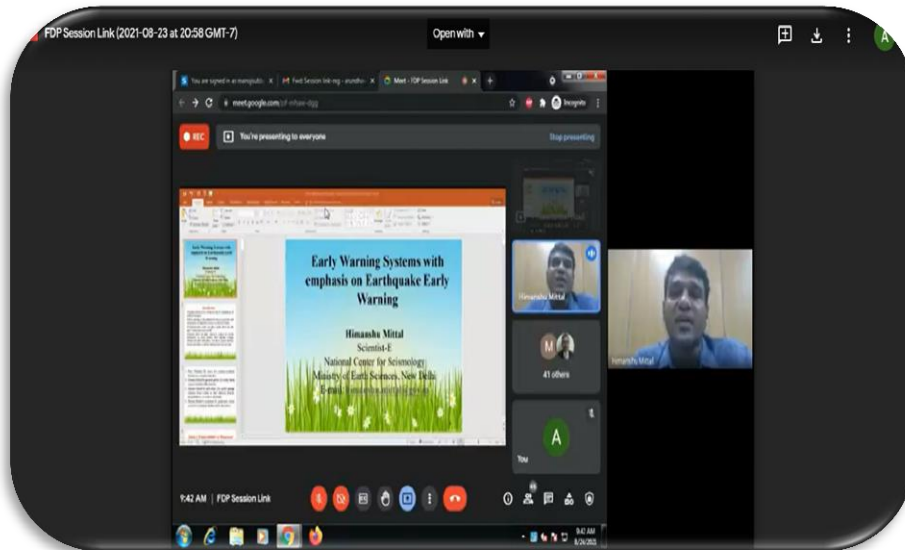
The department of Civil Engineering was started in the year 2008. It offers an under graduate course in Civil Engineering with an intake of 60 students every year. Our main goal is to be the centre of excellence for the development and dissemination of knowledge in Structural Engineering, Construction 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**

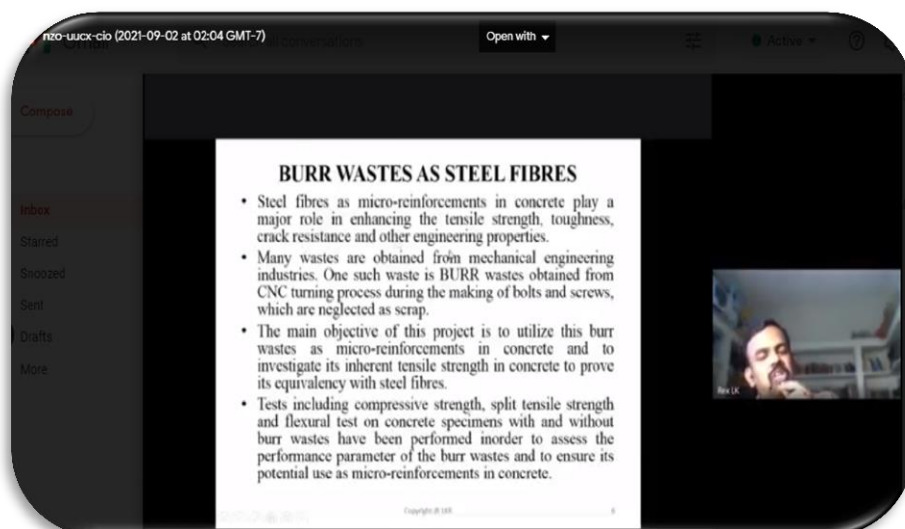
- ❖ Ms.Ushapriya B.T joined as Assistant Professor on 26<sup>th</sup> July 2021.
- ❖ Ms.Srinisha A joined as Assistant Professor on 02<sup>nd</sup> August 2021

### **DEPARTMENT ACTIVITIES**

- ❖ Organized a guest lecture on “An Insight into Career Opportunities in Civil Engineering to KCEians by KCEians” from 04<sup>th</sup> August to 07<sup>th</sup> August 2021.
- ❖ Organized a guest lecture on “An Insight into Career Opportunities in Civil Engineering to KCEians by KCEians” from 11<sup>th</sup> August to 14<sup>th</sup> August 2021.
- ❖ Organized a ATAL Academy Online Faculty Development Program (FDP) on “Seismic Hazard Assessment and Mitigation Techniques” from 23<sup>rd</sup> – 27<sup>th</sup> August 2021.



- ❖ Organized a virtual guest lecture on “Development of Sustainable Concrete from Waste Industrial by products” on 2<sup>nd</sup> September 2021.



- ❖ Organized a Virtual guest lecture on “Resource Management in Construction” on 11<sup>th</sup> October 2021.
- ❖ Signed an MoU with Edge Architecture and Constructions, Madurai on 18<sup>th</sup> October 2021.
- ❖ Organized a Webinar on “Awareness on Intellectual Property Rights (IPR)” on 29<sup>th</sup> December 2021

## **FACULTY ACHIEVEMENTS**

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

#### **Dr. Arun Vivek G.K, Head of the Department**

- ❖ Published a paper titled “Novel Approach to Handling Microfiber-Rich Dye Effluent for Sustainable Water Conservation”, Hindawi Advances in Civil Engineering, Volume 2021, Article ID 1323472, pp.1-10.

#### **Mr. Jegan Murugan P, Assistant Professor**

- ❖ Published a paper titled “Experimental Study of Photo catalytic Effect on Paver Blocks”, Materials Research Proceedings 19 (2021), pp. 36-43, 2021

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

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

- ❖ Presented a paper titled “Experimental Investigation on Partial Replacement of Cement with Metakaoline, Fly ash and Silica fume in Concrete” at the National Conference on Sustainable Materials and Smart Practices (NCSMSP’21) organized by Department of Civil Engineering, Bannari Amman Institute of Technology, Sathyamangalam, during 17<sup>th</sup> to 18<sup>th</sup> December 2021

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

#### **Mr. Arun Vivek G.K, Head of the Department**

- ❖ Dr.G.K.Arunvivek has successfully completed the AICTE- ISTE approved orientation/Refresher Programme on “Recent Advances in Civil Engineering” organized by Jyothy Institute of Technology, Bengaluru, Karnataka.

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

- ❖ Mr. Prasannan D, Assistant Professor has attended ATAL academy Online Elementary FDP on “Sustainable Construction Technology”, organized by Indian Institute of Technology, Indore from 26<sup>th</sup> July 2021 to 30<sup>th</sup> July 2021.
- ❖ Mr. Prasannan D, Assistant Professor has attended one week online FDP on “Advances in Concrete Construction and Techniques”, organized by Department of Civil Engineering at MVPS’s KBT College of Engineering, Nashik, from 10<sup>th</sup> August 2021 to 15<sup>th</sup> August 2021.
- ❖ Mr. Prasannan D, Assistant Professor has successfully completed NITTT Module 2: Professional Ethics and Sustainability of National Initiative for Technical Teachers Training during the month of September 2021
- ❖ Mr. Prasannan D, Assistant Professor has attended IP awareness/Training program under National Intellectual Property Awareness Mission on 29<sup>th</sup> December 2021.

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

- ❖ Mr.Manojsubburam R, Assistant Professor has participated in ATAL Academy online Elementary FDP on “ Sustainable Construction Materials” organized by Rajasthan Technical University, Kota from 5<sup>th</sup> July 2021-9<sup>th</sup> July 2021.
- ❖ Mr.Manojsubburam R, Assistant Professor has participated in ATAL Academy online Elementary FDP on “Earthquake Analysis and Design using latest Civil Engineering software’s” organized by Coimbatore Institute of Technology from 18<sup>th</sup> October 2021-22<sup>nd</sup> October 2021.
- ❖ Mr.Manojsubburam R, Assistant Professor has successfully completed NPTEL course on “Sustainable Engineering Concepts and Life Cycle Analysis” during the month of July-October 2021.
- ❖ Mr.Manojsubburam R, Assistant Professor has completed the FPD on “Sustainable Engineering Concepts and Life Cycle Analysis” organized by NPTEL-AICTE during the month of July – October 2021
- ❖ Mr.Manojsubburam R, Assistant Professor has attended IP awareness/Training program under National Intellectual Property Awareness Mission on 29<sup>th</sup> December 2021.

#### **Mrs. Dhivya K, Assistant Professor**

- ❖ Mrs. Dhivya K, Assistant Professor has participated in ATAL academy Online Elementary FDP on “Emerging Trends in Geotechnical Engineering” organized by Charotar University of Science and technology, from 6<sup>th</sup> September 2021 to 10<sup>th</sup> September 2021.
- ❖ Mrs. Dhivya K, Assistant Professor has participated in ATAL academy Online Elementary FDP on “Digital Transformation Trends in Construction Industry” organized by Sona College of technology, from 04<sup>th</sup> October 2021 to 08<sup>th</sup> September 2021.

- ❖ Mrs. Dhivya K, Assistant Professor has attended IP awareness/Training program under National Intellectual Property Awareness Mission on 29<sup>th</sup> December 2021.

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

- ❖ Mr.Sridhar D, Assistant Professor, has attended two days online workshop on “sustainable water resources management” organized by the Department of Civil Engineering, Mepco Schlenk Engineering College, Sivakasi held from 16<sup>th</sup> – 17<sup>th</sup> November 2021.

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

- ❖ Mr.Sakthivel E, Assistant Professor has successfully completed the NPTEL Course on “Water Economics and Governance” during the month of July – October 2021.
- ❖ Mr.Sakthivel E, Assistant Professor has completed the FPD on “Water Economics and Governance” organized by NPTEL-AICTE during the month of July – October 2021

#### **Mr. Jegan Murugan P, Assistant Professor**

- ❖ Mr.Jegan Murugan P, Assistant Professor has successfully completed the NPTEL Course on “Introduction to Engineering Seismology” during the month of July – October 2021.
- ❖ Mr.Jegan Murugan P, Assistant Professor has completed the FPD on “Introduction to Engineering Seismology” organized by NPTEL-AICTE during the month of July – October 2021
- ❖ Mr. Jegan Murugan P, Assistant Professor has successfully completed NITTT Module 1: Orientation towards Technical Education and Curriculum Aspects during the month of November 2021.

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

- ❖ Ms.Pilomina P S, Assistant Professor has attended a two day online workshop on “Sustainable Water Resources Management” organized by the Department of Civil Engineering, Mepco Schlenk Engineering College, Sivakasi held 16<sup>th</sup> & 17<sup>th</sup> November 2021.

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

- ❖ Mr.Pradeep Kumar C, Assistant Professor has participated in the IGBC’s Online FDP on “Green Buildings & Built Environment” organized by Confederation of Indian Industry during 02<sup>nd</sup> August 2021 – 06<sup>th</sup> August 2021.
- ❖ Mr.Pradeep Kumar C, Assistant Professor has attended five days FDP on “Fluid Mechanics” organized by Dhanalakshmi Srinivasan College of Engineering, Coimbatore from 21<sup>st</sup> September 2021 – 25<sup>th</sup> September 2021.
- ❖ Mr.Pradeep Kumar C, Assistant Professor has attended IP awareness/Training program under National Intellectual Property Awareness Mission on 29<sup>th</sup> December 2021.
- ❖ Mr.Pradeep Kumar C, Assistant Professor has successfully completed NITTT Module 1: Orientation towards Technical Education and Curriculum Aspects during the month of November 2021.
- ❖ Mr.Pradeep Kumar C, Assistant Professor has participated in ATAL academy Online Elementary FDP on “Digital Transformation Trends in Construction Industry” organized by Sona College of technology, from 04<sup>th</sup> October 2021 to 08<sup>th</sup> September 2021.
- ❖ Mr.Pradeep Kumar C, Assistant Professor has participated in webinar on “Specifications and contract Provisions for Strengthening of structures” organized by Ultratech Cements on 2<sup>nd</sup> October 2021.

#### **Student achievements**

#### **Co-curricular activities**

- ❖ Sajin A has participated Cadathon 2021 organised by the department of civil engineering, Dr.NGP Institute of Technology, Coimbatore during 21<sup>st</sup> – 28<sup>th</sup> July 2021.
- ❖ Sivaharish J has successfully completed and secured B grade in the course “Auto Cad” conducted by CCube competency certification centre on 28<sup>th</sup> August 2021.
- ❖ Dinesh K has participated in state level inter college Tamil elocution competition organised by PSG Institute of Technology and Applied Research 30<sup>th</sup> October 2021.
- ❖ Mathankumar M for successfully completing the course “step into RPA” conducted by Ui Path on 16<sup>th</sup> December 2021.

- ❖ Packiyathan M for successfully completing the course “step into RPA” conducted by Ui Path on 16<sup>th</sup> December 2021.
- ❖ Raghavan M for successfully completing the course “step into RPA” conducted by Ui Path on 16<sup>th</sup> December 2021.
- ❖ Thangapandi S for successfully completing the course “step into RPA” conducted by Ui Path on 16<sup>th</sup> December 2021.

#### ***Extra curricular activities***

- ❖ Gopinath M P has secured 6<sup>th</sup> place in the strong man 2021 junior deadlift championship organised by Sri Anjaneya Gym, Coimbatore on 10<sup>th</sup> October 2021.
- ❖ Gopinath M P has secured 6<sup>th</sup> place in the strong man 2021 bench press championship organised by Sri Anjaneya Gym, Coimbatore on 10<sup>th</sup> October 2021.
- ❖ Gopinath M P has secured 3<sup>rd</sup> place in the junior Tamilnadu state dead lift championship organised by Tamilnadu powerlifting association held at kulithalai, karur district on 23<sup>rd</sup> – 24<sup>th</sup> October 2021.
- ❖ Gopinath M P has secured 7<sup>th</sup> place in the open south India 2021 junior dead lift championship organised by saravana gym groups held at coimbatore district on 28<sup>th</sup> November 2021.
- ❖ Gopinath M P has secured 3<sup>rd</sup> place in the bench press championship “EAGLE MANIA 21” organised by Eagle Gym on 20<sup>th</sup> December 2021.
- ❖ Gopinath M P has secured 2<sup>nd</sup> place in the dead lift championship “EAGLE MANIA 21” organised by Eagle Gym on 20<sup>th</sup> December 2021.
- ❖ Gopinath M P has secured 1<sup>st</sup> place in the weighted squat championship “EAGLE MANIA 21” organised by Eagle Gym on 20<sup>th</sup> December 2021.

