

DEPARTMENT OF CIVIL ENGINEERING

Konstrukcia
JAN'21 – JUN'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

- ❖ Mr. Pradeep Kumar.C joined as Assistant Professor on 15th February 2021.

DEPARTMENT ACTIVITIES

- ❖ Organized a Guest Lecture on "Soil Structure and Permeability Characteristics" on 15th March 2021.

FACULTY ACHIEVEMENTS

Journal Publication– International/ National conferences

Mr. Prasannan D, Assistant Professor

- ❖ Published a paper titled "Comparative Study of Mechanical Properties of M25 Grade Conventional Concrete with Natural Sugarcane Bagasse Fiber Reinforced Concrete without Chemicals", Journal of Green Engineering (JGE), Vol. 11, No. 2, pp. 1563-1574, 2021.
- ❖ Published a paper titled "Comparative Study of M25 Grade Conventional Concrete with Natural Fiber Reinforced Concrete (Combination of Basalt Fiber and Sisal Fiber)", Journal of Green Engineering (JGE), Vol. 11, No. 3, pp. 2159-2169, 2021.

Mrs. Dhivya K, Assistant Professor

- ❖ Published a paper titled "Light Weight Concrete Using Artificial Pumice Stone as a Partial Replacement for Coarse Aggregate", Design Engineering, ISSN:0011-9342, No.7, pp. 1052-1060, 2021.

Mrs. Arundhava priya E, Assistant Professor

- ❖ Published a paper titled "Corrosion Analysis in Transmission Tower Foundations", Design Engineering, ISSN: 0011-9342, No.7, pp. 2876-2885, 2021.

Mr. Pradeep Kumar C, Assistant Professor

- ❖ Published a paper titled "Corrosion Analysis in Transmission Tower Foundations", Design Engineering, ISSN: 0011-9342, No.7, pp. 2876-2885, 2021.
- ❖ Published a paper titled "Corrosion Analysis in Transmission Tower Foundations", Design Engineering, ISSN: 0011-9342, No.7, pp. 2876-2885, 2021

Paper Presentation– International/ National conferences

Mr.Manoj Subburam R, Assistant Professor

- ❖ Presented a paper titled "Performance evaluation of Composite Coagulant in Treating Textile Waster Water" in International Conference on Sustainable Approach for Resilient Infrastructure (IC-SAFRI 2021) at Chaitanya Bharathi Institute of Technology, Hyderabad, from 26th to 27th June 2021
- ❖ Presented a paper titled "A Study on Mechanical Properties of Alkali Activated Ground Granulated Blast Furnace Slag Concrete" in International Conference on Sustainable Approach for Resilient Infrastructure (IC-SAFRI 2021) at Chaitanya Bharathi Institute of Technology, Hyderabad, from 26th to 27th June 2021

Mrs. Dhivya K, Assistant Professor

- ❖ Presented a paper titled "Experimental Study on Strength Properties of Concrete with Partial Replacement of Coarse Aggregate by Rubber Tyre Waster" in International Conference on Sustainable Approach for Resilient Infrastructure (IC-SAFRI 2021) at Chaitanya Bharathi Institute of Technology, Hyderabad, from 26th to 27th June 2021

Mrs. Arundhava priya E, Assistant Professor

- ❖ Presented a paper titled "Experimental Behaviour of Fibre Reinforced Self Compacting Concrete under Cyclic Loading" in International Conference on Sustainable Approach for Resilient Infrastructure (IC-SAFRI 2021) at Chaitanya Bharathi Institute of Technology, Hyderabad, from 26th to 27th June 2021

Mr.Sakthivel E, Assistant Professor

- ❖ Presented a paper titled "A Study on Mechanical Properties of Alkali Activated Ground Granulated Blast Furnace Slag Concrete" in International Conference on Sustainable Approach for Resilient Infrastructure (IC-SAFRI 2021) at Chaitanya Bharathi Institute of Technology, Hyderabad, from 26th to 27th June 2021

- ❖ Presented a paper titled “Performance evaluation of Composite Coagulant in Treating Textile Waster Water” in International Conference on Sustainable Approach for Resilient Infrastructure (IC-SAFRI 2021) at Chaitanya Bharathi Institute of Technology, Hyderabad, from 26th to 27th June 2021

Mr. Jeganmurugan P, Assistant Professor

- ❖ Presented a paper titled “Experimental study of Photo catalytic Effect on Paver Blocks” at the English National Conference on Recent Advancements in Geotechnical Engineering (NCRAG’21) organized by Bannari Amman Institute of Technology, Sathyamangalam in association with IGS Coimbatore Chapter during 26th March 2021.
- ❖ Presented a paper titled “Experimental Behaviour of Fibre Reinforced Self Compacting Concrete under Cyclic Loading” in International Conference on Sustainable Approach for Resilient Infrastructure (IC-SAFRI 2021) at Chaitanya Bharathi Institute of Technology, Hyderabad, from 26th to 27th June 2021.

Mr. Pradeep Kumar C, Assistant Professor

- ❖ Presented a paper titled “Experimental Study on the Behavior of steel Fibre when Used as a Secondary Reinforcement in Reinforced Concrete Beam” in International Conference on Sustainable Approach for Resilient Infrastructure (IC-SAFRI 2021) at Chaitanya Bharathi Institute of Technology, Hyderabad, from 26th to 27th June 2021

Seminar / Workshop / FDPs / STTPs – Presented / Attended

Dr.Muneeswaran K, Professor

- ❖ Dr.Muneeswaran, Professor has attended AICTE sponsored six days online short term training programme on “ArcGIS Training on Environmental and Watershed Management”, organized by Sri Venkateshwara College of Engineering, Bengaluru, from 7th June to 12th June.

Dr.Sankar J, Associate Professor

- ❖ Dr.Sankar J, Associate Professor has attended AICTE sponsored six days online short term training programme on “ArcGIS Training on Environmental and Watershed Management”, organized by Sri Venkateshwara College of Engineering, Bengaluru, from 7th June to 12th June.

Mr.Prasannan D, Assistant Professor

- ❖ Mr. Prasannan D, Assistant Professor attended TEQIP – III Sponsored Two Days online faculty development programme on “Geotechnical Characterization of Sites for Design of Foundations” organized by Department of Civil Engineering, Coimbatore Institute of Technology, during 22nd & 23rd March 2021.
- ❖ Mr. Prasannan D, Assistant Professor has successfully completed NITTT Module 1: Orientation towards Technical Education and Curriculum Aspects during the month of February 2021.

Mrs. Dhivya K, Assistant Professor

- ❖ Mrs. Dhivya K, Assistant Professor has participated in one-week AICTE – ISTE sponsored Induction/ Refresher/ Faculty Development Programme – Phase III on “CSI (Congnitive Strategy Instructions) as Teaching Tool for 21st Century organized by the Faculty of Management Studies, Karpagam College of Engineering, Coimbatore from 18th May 2021 to 24th May 2021.
- ❖ Mrs. Dhivya K, Assistant Professor has successfully completed NITTT Module 1: Orientation towards Technical Education and Curriculum Aspects during the month of February 2021
- ❖ Mrs.Dhivya K has participated in the Webinar “Interpretation of NDT Results for Acceptance of Concrete” organized by Ultratech Cement on 29th January 2021

Mr.Sakthivel E, Assistant Professor

- ❖ Mr. Sakthivel E, Assistant Professor attended TEQIP – III Sponsored Two Days online faculty development programme on “Geotechnical Characterization of Sites for Design of Foundations” organized by Department of Civil Engineering, Coimbatore Institute of Technology, during 22nd & 23rd March 2021.
- ❖ Mr. Sakthivel E, Assistant Professor attended Five Days online Faculty Development and Training programme on “Fluid Mechanics” organized by Department of Civil Engineering, PSG ITECH, from 21st & 25th May 2021.
- ❖ Mr. Sakthivel E, Assistant Professor attended Webinar on “Construction of Special Structures (Harbors and Bridges)” organized by Department of Civil Engineering, Kumaraguru College of Technology on 20th May 2021.

- ❖ Mr. Sakthivel E, Assistant Professor attended ATAL Academy online Elementary FDP on “Trailblazing Practices In Geotechnical Engineering” organized by Meenakshi Engineering College on from 6th June 2021 to 11th June 2021.
- ❖ Mr. Sakthivel E, Assistant Professor attended Short Term Training Programme (STTP) on Field Practices in Geotechnical Engineering (FPGE) organized by SRM Institute of Science and Technology from 14th to 18th June 2021.
- ❖ Mr. Sakthivel E, Assistant Professor attended AICTE sponsored Six days Online Short Term Training Programme on “ArcGIS Training on Environmental and Watershed Management” organized by Sri Venkateshwara College of Engineering from 7th June 2021 to 12th June 2021.

Mr. Pradeep Kumar C, Assistant Professor

- ❖ Mr. Pradeep Kumar C, Assistant Professor has attended TEQIP-III Sponsored Two days Online Faculty Development Programme on “Geotechnical Characterization of Sites for Design of Foundations” Organized by Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore during 22nd & 23rd March 2021.
- ❖ Mr. Pradeep Kumar C, Assistant Professor has attended TEQIP-III Sponsored Two days Online Faculty Development Programme on “Green Building Materials for Sustainable Construction Approaches” Organized by Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore during 24th & 25th March 2021.
- ❖ Mr. Pradeep Kumar C, Assistant Professor attended AICTE sponsored Six days Online Short Term Training Programme on “ArcGIS Training on Environmental and Watershed Management” organized by Sri Venkateshwara College of Engineering from 7th June 2021 to 12th June 2021
- ❖ Mr. Pradeep Kumar C has participated in the webinar on “Concrete 3D Printing- Is it a revolution or Just a trend?!” , organized by the Department of Civil Engineering, Vel Tech Rangarajan Dr.Sangunthala R&D Institute of Science and Technology, Avadi on 9th June 2021.

Student achievements

Co-curricular activities

- ❖ Dinesh K of I year Civil has participated in online quiz on “Lalalajput Rai Jayanthi” organised by Nss Hindustan college of Engineering and Technology, Coimbatore on 28th January 2021.

Extra-curricular activities

- ❖ Gopinath M P has secured 7th place in 190 kg category in the open state dead lifting champion-2021 junior organised by saravana gym on 7th February 2021.

Placement record

- ❖ The students from 2017-2021 batch have got job offers in various reputed organisations with a whooping salary package.
- ❖ Totally 79 students from the batch got placement offers and brought laurels to the department and college.

