

DEPARTMENT OF CIVIL ENGINEERING

Konstrukcia
JAN'23 – JUN'23



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

Darshan K (20C111) – IV year

Sridhar S (717821C147) – 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 is accredited by NAAC with A+ (II cycle) and NBA for EEE, ECE, IT and MECH. 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

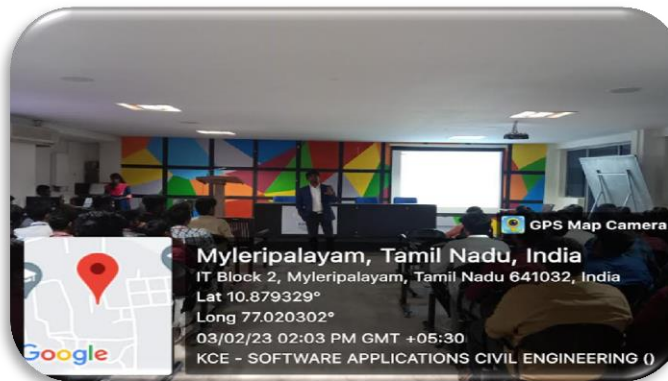
The department of Civil Engineering was started in the year 2008. It offers an under graduate course in Civil Engineering with an intake of 60 students every year. Our main goal is to be the centre of excellence for the development and dissemination of knowledge in Structural Engineering, Construction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

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 on 25th January 2023.



- ❖ Organised a Guest Lecture on “Application of softwares in Civil Engineering” on 3rd February 2023



- ❖ Local visit has been arranged for the Second year Civil Engineering students to sewage treatment plant located at ukkadam on 27th February 2023



- ❖ Organised an Intra department events “Poriyalan 4.0” for the students of second and third year on 30th March 2023.



- ❖ Signed an Mou with V.K.P.GEOTECH,Coimbatore on 31st March 2023



- ❖ Organised a guest lecture on “Automated Highway Systems” on 31st March 2023.



FACULTY ACHIEVEMENTS

Journal/ Book Publication– International/ National conferences

Mr.Prasannan D, Assistant Professor

- ❖ Published a paper titled “Privacy Preserving Based Personal Health Records Sharing Using Rail Fence Data Encryption (RFDE) for Secure Cloud Environment”, International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), IEEE Xplore, 2023.
- ❖ Published a book titled “Environmental Conservation Nature and Natural Resources” published by AGPH Books, ISBN - 978-81-19025-07-7, 2023.

Mr.Jeganmurugan P, Assistant Professor

- ❖ Published a chapter titled “Energy Management in Institutional Buildings through Efficient Lighting Systems” in the book named “Emerging Trends in Engineering, Management, Arts and Science” published by Tech Press, ISBN : 978-93-91697-09-9

Ms. Ushapriya B T, Assistant Professor

- ❖ Published a paper titled “Behaviour of raked column subjected to blast loading”, Journal of Building Pathology and Rehabilitation, Article number: 19, pp 8 – 18, 2023.

Ms. Srinisha A, Assistant Professor

- ❖ Published a paper titled “Microbial Isolation and Characterization of Arsenic Degrading Microbes from soil and Its RAPD Analysis for Bioremediation”, Biomedical and Biotechnology Research Journal (BBRJ), vol.7, Issue 1, 2023

Paper Presentation– International/ National conferences

Mr. Pradeep Kumar C, Assistant Professor

- ❖ Presented a paper titled “study on flexural behaviour of concrete with polypropylene and crimped steel fibers ” in the National Conference on “Smart and Energy Efficient Construction Materials and Technology for Sustainable Infrastructure (SEMSI 2023)” organised by the Department of Civil Engineering, Sri Venkateswara College of Engineering, Sriperumbudur, on 16th & 17th February 2023

Seminar / Workshop / FDPs / STTPs – Presented / Attended

Dr.G.K.Arunvivek, Head of the Department

- ❖ Dr.G.K.Arunvivek, Head of the department has participated in one week International Faculty Development program on “Advances in Civil Engineering”, organised by Department of Civil Engineering, JCT College of Engineering and Technology, Coimbatore from 9th January to 14th January 2023.

Dr.Sivalingam K, Associate Professor

- ❖ Dr.Sivalingam K, Associate Professor, has participated in one week International Faculty Development program on “Advances in Civil Engineering”, organised by Department of Civil Engineering, JCT College of Engineering and Technology, Coimbatore from 9th January to 14th January 2023.

Dr.Sankar J, Associate Professor

- ❖ Dr.Sankar J, Associate Professor has participated in one week International Faculty Development program on “Advances in Civil Engineering”, organised by Department of Civil Engineering, JCT College of Engineering and Technology, Coimbatore from 9th January to 14th January 2023.

Mr.Prasannan D, Assistant Professor

- ❖ Mr. Prasannan D, Assistant Professor has successfully completed NPTEL course on “Water Supply Engineering” during Jan-Apr 2023
- ❖ Mr. Prasannan D, Assistant Professor has attended FDP on “Water Supply Engineering” organised by NPTEL-AICTE during Jan-Apr 2023

Mr.Manojsuburam R, Assistant Professor

- ❖ Mr. Manjoseburam R Assistant Professor has secured Elite in the NPTEL course “Introduction to Professional Scientific Communication” during Jan - Feb 2023.
- ❖ Mr. Manjoseburam R Assistant Professor has attended FDP on “Introduction to Professional Scientific Communication” organised by NPTEL-AICTE during Jan - Feb 2023

Ms.Dhivya K, Assistant Professor

- ❖ Ms.Dhivya K, Assistant Professor, has participated in one week International Faculty Development program on “Advances in Civil Engineering”, organised by Department of Civil Engineering, JCT College of Engineering and Technology, Coimbatore from 9th January to 14th January 2023.

Mr.Sakthivel E, Assistant Professor.

- ❖ Mr. Sakthivel E, Assistant Professor has successfully completed the NPTEL course “Geotechnical Engineering - I” during Jan – Apr 2023
- ❖ Mr. Sakthivel E, Assistant Professor has been recognized as NPTEL DISCIPLINE STAR by NPTEL during Jan – Apr 2023.

Mr.Jeganmurugan P, Assistant Professor

- ❖ Mr.Jeganmurugan P, Assistant Professor has secured Elite in the NPTEL course “Concrete Technology” during Jan - Apr 2023.
- ❖ Mr.Jeganmurugan P, Assistant Professor has attended FDP on “Concrete Technology” organised by NPTEL-AICTE during Jan – Apr 2023.
- ❖ Mr.Jeganmurugan P, Assistant Professor has been recognized as NPTEL DISCIPLINE STAR by NPTEL during Jan – Apr 2023

Ms. Agalsri, Assistant Professor

- ❖ Ms. Agalsri S K, Assistant Professor has participated in one week international Faculty development program on “Advances in Civil Engineering” organized by Department of Civil Engineering, JCT College of Engineering and Technology, Coimbatore from 9th January to 14th January 2023

Mr. Pradeep Kumar C, Assistant Professor

- ❖ Mr. Pradeep Kumar C, Assistant Professor has secured Elite + silver and top 5% in the NPTEL course “Safety in Construction” during Jan – Mar 2023.
- ❖ Mr. Pradeep Kumar C, Assistant Professor has attended FDP on “Safety in Construction” organised by NPTEL-AICTE during Jan – Mar 2023.

Ms. Ushapriya B T, Assistant Professor

- ❖ Ms Ushapriya B T, Assistant Professor has successfully completed NPTEL course on “Hydraulic Engineering”, during Jan – Apr 2023.
- ❖ Ms Ushapriya B T, Assistant Professor has attended five days FDP on the theme “Inculcating Universal Human Values in Technical Education” organised by All India Council for Technical Education (AICTE) from 12th Jun – 16th Jun.

Ms. Srinisha A, Assistant Professor

- ❖ Ms Srinisha A, Assistant Professor has secured Elite + silver in the NPTEL course “Electronic Waste Management – Issues and Challenges” during Jan-Feb 2023.
- ❖ Ms Srinisha A, Assistant Professor has secured Elite in the NPTEL course “Environmental Impact Assessment” during Jan-Apr 2023.

STUDENT ACHIEVEMENTS

Co-curricular activities

- ❖ Abinayashree P II Civil has successfully completed the NPTEL course “Safety in Construction” during Jan – Mar 2023
- ❖ Mohamed Fasmin K M has successfully completed the NPTEL course “Safety in Construction” during Jan – Mar 2023.
- ❖ Karthikeyan R II Civil has secured second place in “CAD CRUSH” event in ACETTECHFEST 2023 organised by Department of Civil Engineering, Akshaya College of Engineering & Technology on 1st April 2023.
- ❖ Kathir N III Civil has secured first place in the “Code Breakers” competition in National Level Technical Symposium, RENAISSANCE’23 organised by Department of Civil Engineering, Hindusthan College of Engineering and Technology on 12th April 2023.
- ❖ Nagarjun N III Civil has secured first place in the “Code Breakers” competition in National Level Technical Symposium, RENAISSANCE’23 organised by Department of Civil Engineering, Hindusthan College of Engineering and Technology on 12th April 2023.
- ❖ Darshan K III Civil has secured Elite in the NPTEL course “Geotechnical Engineering - 1” during Jan – Apr 2023
- ❖ Mathavan E and Vasanthan T III Civil has secured first place in the “Model Builder” competition in Poriyalan 4.0 organised by Department of Civil Engineering, Karpagam College of Engineering on 30th March 2023
- ❖ Rajesh Kumar M and Santhosh M III Civil has secured second place in the “Model Builder” competition in Poriyalan 4.0 organised by Department of Civil Engineering, Karpagam College of Engineering on 30th March 2023
- ❖ Dheenathayalan B and Manivel S II Civil has secured first place in the “Draftsman” competition in Poriyalan 4.0 organised by Department of Civil Engineering, Karpagam College of Engineering on 30th March 2023



- ❖ Arunmurugan P III Civil has secured second place in the “Draftsman” competition in Poriyalan 4.0 organised by Department of Civil Engineering, Karpagam College of Engineering on 30th March 2023.
- ❖ Akshit J and Bharanitharan C M II Civil has secured first place in the “Survey Hacker” event in Poriyalan 4.0 organised by Department of Civil Engineering, Karpagam College of Engineering on 30th March 2023
- ❖ Bharathprabhu V S and Hariprakash S G II Civil has secured second place in the “Survey Hacker” event in Poriyalan 4.0 organised by Department of Civil Engineering, Karpagam College of Engineering on 30th March 2023.
- ❖ Akshit J and Bharanitharan C M II Civil has secured first place in the “Quiz Hunter” event in Poriyalan 4.0 organised by Department of Civil Engineering, Karpagam College of Engineering on 30th March 2023



- ❖ Bharathprabhu V S and Hariprakash S G II Civil has secured second place in the “Quiz Hunter” event in Poriyalan 4.0 organised by Department of Civil Engineering, Karpagam College of Engineering on 30th March 2023



Extra - curricular activities

- ❖ Saravanan G II Civil has secured 2nd place in Short film competition in DHRUVA 2023 organised by Karpagam College of Engineering, Coimbatore during 17th and 18th February 2023.
- ❖ Saravanan G II Civil has secured 2nd place in Short film competition in Inter O Fest' 23 held at Sree Sakthi Engineering College, Coimbatore on 25th February 2023.
- ❖ Revanth T II Civil has secured best player award in the "Park Alumni Trophy" Hockey tournament held at Park College of Engineering and Technology on 25th February 2023.



- ❖ Saravanan G II Civil has secured 3rd place in Short film competition in Regalia 2023 organized by SNMV college of Arts and Science, Coimbatore on 21st March 2023.

