

CIVIL CHRONICLE

*Newsletter by Department of Civil Engineering
Adi Shankara Institute of Engineering and Technology, Kalady*



Department Vision

**TO EMERGE AS A CENTRE OF EXCELLENCE
IN CIVIL ENGINEERING WITH GLOBAL
PERSPECTIVES.**

Department Mission

- **TO IMPART QUALITY PROFESSIONAL EDUCATION SO THAT THE STUDENTS EMERGE AS A COMPETENT PROFESSIONAL IN THE AREA OF CIVIL ENGINEERING.**
- **TO PROMOTE INNOVATIVE THINKING AND LIFELONG LEARNING IN BUDDING ENGINEERS.**
- **TO PRODUCE CIVIL ENGINEERS WHO HAVE IMBIBED ETHICAL VALUES TO SERVE THE SOCIETY AND NATION.**

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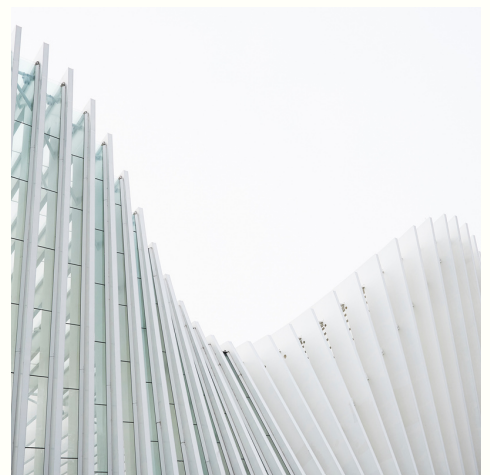
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Program Educational Objectives (PEOs)

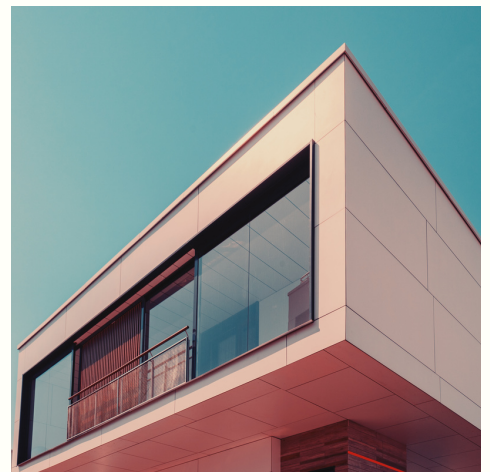
- GRADUATES WILL HAVE A POTENTIAL TO PURSUE HIGHER STUDIES AND RESEARCH IN THE FIELD OF CIVIL ENGINEERING AND INTERDISCIPLINARY AREAS.
- GRADUATES WILL BE ABLE TO PRODUCE SUSTAINABLE SOLUTIONS WITH PROFESSIONAL ETHICS FOR REAL TIME CIVIL ENGINEERING PROBLEMS.
- GRADUATES WILL HAVE MANAGERIAL SKILLS AND LEADERSHIP QUALITIES IN EXECUTION OF CIVIL ENGINEERING PROJECTS.
- GRADUATES WILL BE ABLE TO WORK WITH INTEGRITY AND ETHICAL VALUES.



Program Specific Outcomes (PSOs)

AFTER SUCCESSFUL COMPLETION OF B.TECH IN CIVIL ENGINEERING, THE STUDENTS WILL BE ABLE TO:

- CHECK THE FEASIBILITY AND SUSTAINABILITY OF CIVIL ENGINEERING PROJECTS BY CONDUCTING GEOTECHNICAL INVESTIGATION, CIVIL ENGINEERING SURVEY AND ENVIRONMENTAL IMPACT ASSESSMENT.
- ANALYSE AND DESIGN BUILDINGS, HYDRAULIC STRUCTURES AND WATER DISTRIBUTION, WASTE MANAGEMENT AND TRANSPORTATION SYSTEMS.
- EXECUTE CIVIL ENGINEERING PROJECTS WITH THEIR KNOWLEDGE IN ESTIMATION, PROJECT MANAGEMENT, CONSTRUCTION MATERIALS AND TECHNOLOGIES



**CIVIL ENGINEERING
DEPARTMENT**

DRUG AWARENESS CLASS



An Anti drug seminar was conducted by the department on 23rd June 2022 at the auditorium as part of World drug day . The session was handled by Ms. Divya K Thomas, Consultant - Clinical Psychologist, Rajagiri Hospital, Aluva and Mr.Sivaprasad, Sub Inspector of police, Kalady. The session began with introduction by Mr.Sivaprasad followed by a detailed presentation and interaction by Ms. Divya K Thomas. Mr. Aravind Chandran, Relations Department from Rajagiri Hospital, Aluva also attended the session. The session was organised for second, fourth and sixth semester students of the department coordinated by Ms. Clydin P A and Ms. Harshananda T N Assistant Professors, Department of Civil Engineering.



DEPARTMENT ACTIVITIES

INTRODUCTION TO BIM

A seminar on "Introduction to BIM" was conducted by the Department of Civil Engineering. The session was handled by an expert from BIMLABS Kochi. The prime focus was on the rising importance of building information modelling tools in Civil Engineering and its job opportunities. The students of sixth semester attended the programme.



Webinar on Civil craftsmanship apprenticeship program in Germany

A Webinar on Civil craftsmanship apprenticeship program in Germany was conducted on 9th June 2022 at 7.30 PM. The students of sixth semester attended the programme. It was conducted in online mode via google meet. The experts clarified the doubts of the students and interacted with them.

DEPARTMENT ACTIVITIES

CONGRATULATIONS!!!!

Ms. Neha Ajaykumar and Ms. Rumaisa Sidhik of fourth semester received appreciation from college for securing SGPA of 10 in Second Semester B.Tech Degree Examinations



Ms. Raseena C Muhammed of 2017-2021 batch received the best NSS volunteer award by Government of Kerala for the academic year 2019-2020. Minister for Higher Education and Social Justice, Government of Kerala, R Bindu awarded the same in an event held at Thiruvananthapuram. The institute also received award for the best NSS unit showcasing the commitment of the institute towards society.



STUDENT ACHIEVEMENTS



Dr. Manu S Nadesan, Associate Professor of Department of Civil Engineering was selected as the reviewer of "International Journal of Concrete Structures and Materials". He has completed review of several papers including "Experimental Evaluation of Effect Factors on Seismic Performance of Concrete Columns Reinforced with HTRB 630 High Strength Steel Bars"

Dr. P K Suresh, Professor, Department of Civil Engineering was invited for the site visit in relation to rehabilitation of regulator by Tamil Nadu Public Works Department on behalf of IIT Madras on 30th June 2022.



Dr. K Dhanasekar, Professor, Department of Civil Engineering attended a webinar on "Durability and microstructure of concrete" conducted by ICI in association with Ultra Tech Cement on 04.06.2022

STAFF OUTREACH

International Day Against Drug Abuse and Illicit Trafficking | 26 June

FOOD FOR THOUGHT



Drug abuse and illicit trafficking have persisted through history as a humanitarian crisis, leading to the deteriorating health and untimely deaths of millions around the world. They cripple economies and the economic power of users, in addition to exposing vulnerable populations to even greater risks. UNODC data shows that the use of illicit drugs has increased by 30% since 2009. Likewise, the production and trafficking of illicit drugs are at record highs. The world continue to face this and the UNDOC requests all to join hands to bring this down. (Source: <https://www.womenpoliticalleaders.org/the-global-drug-crisis-a-multidimensional-problem/>)

STAFF EDITORS



Ms. SHABNUM SUHURA



Ms. CLYDIN P A

HOD'S MESSAGE



IN THE HIGHLY COMPETITIVE WORLD OUTSIDE, I BELIEVE IN THE VALUE OF HARD WORK, COMMITMENT AND HUMANITY. THESE VALUE ADDITIONS ARE VERY MUCH ESSENTIAL FOR THE YOUNG TECHNOCRATS, ENGINEERS AND SCIENTISTS. AS A DEPARTMENT HEAD I ENVISION MY COLLEAGUES AND STUDENTS WALKING HAND IN HAND AND BUILDING THEIR IDEAS FOR A DEVELOPED NATION.

Mr. ANEESH P C