

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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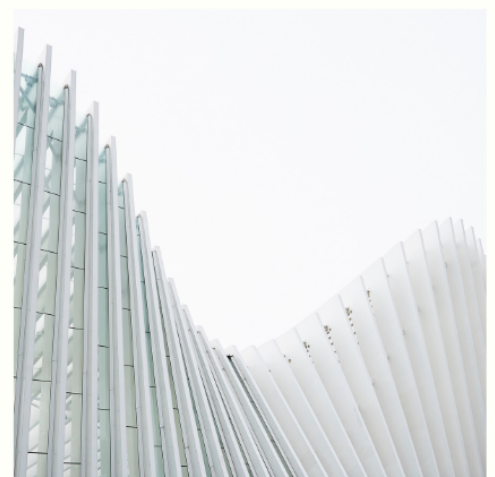
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FOOD FOR THOUGHT

Program Educational Objectives (PEOs)

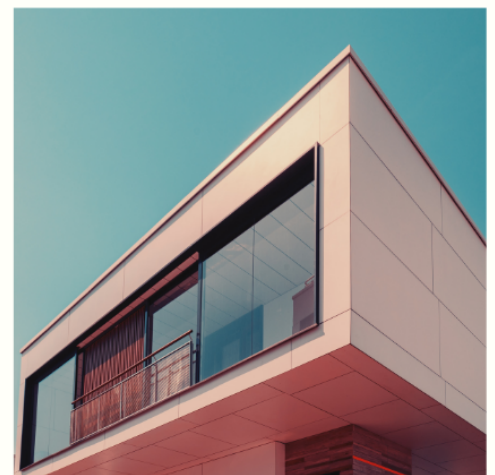
- GRADUATES WILL HAVE A POTENTIAL TO PURSUE HIGHER STUDIES AND RESEARCH IN THE FIELD OF CIVIL ENGINEERING AND INTERDISCIPLINARY AREAS.
- GRADUATES WILL BE ABLE TO PRODUCE SUSTAINABLE SOLUTIONS WITH PROFESSIONAL ETHICS FOR REAL TIME CIVIL ENGINEERING PROBLEMS.
- GRADUATES WILL HAVE MANAGERIAL SKILLS AND 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**

ACTIVITY ORIENTED PROGRAMME

Activity Oriented programme "ZEST- LAunching The Second Innings" was conducted for students of first year students, aimed at providing motivation and guidance as they are moving into their second semester on 18th and 19th April 2022. The sessions were handled by Sri Varghese Paul, RJ Vinu and RJ Sarath. The students had two fun filled days focussing on overall character building and leadership and managerial skills.



INSTITUTE EVENTS

AAKASHIEN- THE GRAND ALUMINI MEET

AAKASHIEN - The Grand Alumni Meet of Adi Shankara Institute of Engineering and technology was held on 24th April 2022 at the Campus.

The day was filled with various cultural events coordinated by students and Alumni. Event started with a registration, followed by an Inaugural Ceremony. Principal Dr. V Suresh Kumar, Alumni Association President Mr. Anoop Ismail, Secretary Mr. Krishnaprasad V, HOD's of various Departments and Alumni Staff Coordinators were present in the inaugural ceremony.

Alumni were recognized for their excellence and contributions over their years. Ms Devaprabha of 2017-21 for arts and literature, Mr. Jidhun Thomas of 2014-18 for Entrepreneurship, Ms. S Gladis of 2016-20 batch for Academic excellence and Mr. Abdul Majeed for industry excellence were awarded.



INSTITUTE EVENTS

AAKASHIEN- THE GRAND ALUMINI MEET

Second Semester Students of Department of Civil Engineering performed in the cultural program held as a part of AAKASHIEN.



- Dance performances by Aishwarya S Shenoy, Anjana S Nair, Athulya S, Binslet Biju, Deva Nanda H and Swathylakshmy Lal.
- Cinematic Dance performance by
- Duet Song performance by Athulya M R and Sandra Saji
- Solo Song performance by A Vidyadhar Prabhu

STUDENT PARTICIPATION



Associating in Operation Vahini

Department has associated with Ernakulam District Administration in Operation Vahini which envisages to clear all the obstructions along Periyar

and Muvattupuzha rivers and their tributaries before the arrival of monsoon. As a part of this, soil composition studies have been conducted of samples submitted by panchayaths Sreemoolanagaram and Kanjoor collected in their area. Mr. Abishek Kumar AA, Assistant Professor is the principal investigator of the project. Consolidated soil study reports of Kalady and Vazhakulam panchayaths were already handed over to the concerned panchayaths.

CPRIZE SCHOLARSHIP EXAM

CPRIZE, a merit scholarship exam initiated by National Council for Technology and Training (NACTET), New Delhi and implemented by Armstech Engineers Private Limited, a mechanical construction company based in Kerala was conducted for final year students on 30th April, 2022. The selected student will be awarded scholarship for skill training courses.

Last year, Ms. Sankeerthana M of 2017-21 batch had won the scholarship based on CPrize exam.

DEPARTMENT ACTIVITIES

NPTEL CERTIFICATIONS

Aina Jude, Rejith P.R, Sandra Sasi Aand Sruthi krishna K.S of S8 CE has successfully completed NPTEL course on “ Introduction to Civil Engineering Profession “



Aina Jude



Rejith P R



Sandra Sasi



Sruthi Krishna K S

WEBINAR PARTICIPATION



Abhirami K R of S6 CE attended webinars titled "Global Trends in Sustainable Design of Transport Infrastructure" and " Short Panel Concrete Pavement " organized by UltraTech Cement Ltd. on 9th April 2022 and 30th April 2022.

STUDENT ACHIEVEMENTS

- Dr. P K Suresh was invited to be a part of the interview panel for recruitment process of the National Centre for sustainable coastal management- The research institute under Ministry of Environment, Forest and Climate Change on 12th April 2022.



- Ms. Clydin P A and Ms. Ammu David attended FDP on “Use of Staad.Pro” organized BIMLABS Engineering Services Pvt. Ltd.” from 22rd April 2022 and 23rd April 2022



STAFF OUTREACH

CONGRATULATIONS!!!!



Ms. Sruthi Krishna K S

CE 2018-22

Placed at



PLACEMENT



CLIMATE CHANGE AND COAL DEMAND: A record-breaking heat wave that's been gripping India and Pakistan for weeks is expected to keep dragging on, meteorologists say. The region has suffered above-average temperatures for weeks now, affecting hundreds of millions of people. The punishing extremes reached dangerous new levels in the past week.

Temperatures have topped 100 degrees Fahrenheit across much of the region and have jumped above 110 F in many areas. The heat has affected wheat harvests in some areas. And increased electricity demand has caused widespread power cuts across the country. India plans to expand its coal-fuelled power generation capacity after a six-year gap as a spike in demand caused by scorching summer temperatures triggered blackouts in some parts of the nation. The renewed push for utilizing coal, thought-about one of many dirtiest fuels, to increase energy manufacturing amid rising demand is a setback for India's inexperienced vitality aspirations. When temperature rise is a concern for all of us, the government, corporations, and society need to prioritise transition in energy, agriculture, and other sectors to tackle climate change. Phasing out the burning [of] fossil fuels – including energy and transportation systems – is the most practical and urgent solution governments need to implement to protect the public health and future generations. But focussing more on coal is quite a point of concern for us right now. It is the need of hour to shift our energy sources to renewable sources in the coming days. (Source: India Turns To Coal Again Despite Climate Woes | Mint (livemint.com))

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