

SEPTEMBER 2023, VOL 6: ISSUE 9

CIVIL CHRONICLE

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

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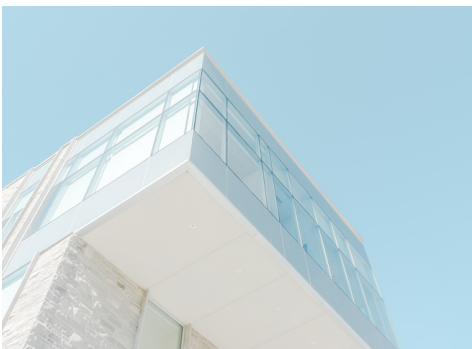
DEPARTMENT VISION

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.

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.



**DEPARTMENT OF
CIVIL ENGINEERING**

UPANAYANA '23



On the 4th of September 2023, 'Upanayana'23,' the inaugural ceremony for first-year students, was held. The distinguished chief guest was Padmasree R M Vasagam, the Former Director of Apple Space Craft and the Former Vice-Chancellor of Anna University. Eminent faculty members from the department, including Mr. Aneesh PC, Ms. Rosmin Thomas, Ms. Harshananda TN, Ms. Reema Pius, Ms. Devika B, and Ms. Clydin PA were honored with awards. Furthermore, students from the 2019-23 batch, Surya KS and Saniyamol A A, received recognition during the event.

INSTITUTE EVENTS

LINKEDIN TRAINING

TECHNICAL TRAINING

20 & 21 SEPT. 2023

Highlights

- Get Initiated to:
#LinkedInCareerKickstarter
program
- Improve **Career Prospects**
- Learn from a bouquet of
courses across domains
- Join **Professional**
Networking
- Land **Internships**
- Attend a workshop on:
How to Leverage LinkedIn

for

BTECH & MBA



Facilitator:

Premium LinkedIn membership is offered FREE of COST for 6 months

Adi Shankara Skill Kendra organized a LinkedIn training on 20th and 21st September for S3, S5, and S7 students. This endeavor provided students with the opportunity for complimentary access to premium membership.

INSTITUTE EVENTS

NSS PROGRAM



The volunteers of the National Service Scheme (NSS) at ASIET undertook the task of adorning the walls of Yordhanpuram Anganwadi with depictions of cartoon imagery. This initiative by the NSS volunteers not only beautified the space but also fostered a positive and creative atmosphere for learning and play with delight, establishing a cheerful and inviting atmosphere.

INSTITUTE EVENTS

GATE ORIENTATION CLASS



Gate Orientation Class was given to the students of fifth semester of the Department on 7th September 2023 by ONES, Gate Coaching Centre, Kaloore. The session was handled by Mr. Anith T Ajayaghosh, Director of ONES. The session focussed on short cut methods to develop speed of calculations as well as important topics for GATE.

DEPARTMENT EVENTS

QUIZ ON SUSTAINABLE ENGINEERING



As part of Engineer's Day, on 15th September, the Department of Civil Engineering at ASIET organized a quiz competition centered around 'Sustainable Engineering.' The coordination of this event was overseen by Nandakishore Namboodiri, Raoof Backer, P A Thariq, Neha Ajayakumar, and Annmole P Averachan from S7, with staff coordinators including Ms. Clydin PA, Ms Devika B, and Ms Rosmin Thomas.

DEPARTMENT EVENTS



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING




Congratulations!

ENGINEER'S DAY QUIZ COMPETITION 2023



1

Ameena Parvin T M
ICET-S5,CSE



2

Farha Fathima T A
ASIET-S5,CE



3

Anitha P Benny
SJCET-S7,CSE

Thank you all!

DEPARTMENT EVENTS

STAFF OUTREACH



Dr. Dhanasekar, Professor Department of Civil Engineering, received a design patent for the MULTISTAGE FILTER AND WATER TREATING ADAPTER FITTED TAP' in September 2023.

STAFF OUTREACH

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Dr. A. N. Swaminathan, Associate Professor, Department of Civil Engineering took part in the 5-day National Webinar Series 2.0 titled 'Construction, Assessment, and Retrofitting of Structures (CARS 2023),' held from September 18 to 22, 2023, organized by the Department of Civil Engineering at SR University, Warangal, Telangana, in technical association with the Indian Society for Construction Materials and Structures (ISCMS) based in Roorkee, India.

STAFF OUTREACH

INDUSTRY INSIGHTS



Engineering is the professional art of applying science to the optimum conversion of the resources of the nature to benefit man. Especially for civil engineering students, internship program bridges the gap between theory and practice and provide students with practical, field based and real-world experiences during their years of study. Internship program is an opportunity for the students as a site engineer to supervise the construction work closely.

FOOD FOR THOUGHT

here, I would like to share our internship experience at Desai homes. It was 5 days long industry visit internship. Out of that 3 days in Thrissur and 2 days in Thrikkakara. Day 1 was at DD Sapphire Gardens, Kurachira Thrissur . The project involves a residential structure [2 Basements, a ground floor and 16 floors]. Initially, the site engineer showed us the footing layout plan. He told us about the materials and tools required for footing construction based on the provided plan. Showed us exact locations and sections of footings marked on the plan. Remaining days the discussions were about the structural drawings and architectural drawings of building ,study about steel bars their thickness , types of soil present, such as clay, silt, sand and materials used.

Last 2 days at Thrikkakara we learned about the building rules and regulations , foundation and structural considerations ,construction techniques. The final day was about the safety and accessibility , infrastructure and sustainability , construction techniques and quality control & structural considerations.



FOOD FOR THOUGHT



These days offered an excellent opportunity for us to get to the ground level and gain practical experience. The internship provides undergraduates with the opportunity to identify, observe, and practice the applicability of civil engineering on real construction sites. I am deeply grateful for the chance to be a part of this construction project and for the invaluable lessons I have learned from the dedicated professionals who guided me during this internship.

I look forward to applying the knowledge and experience gained here in my future endeavors in the field of construction and contributing to the continued growth and success of similar projects.



Contributed by,
Abhishek Anilkumar
S3 CE

FOOD FOR THOUGHT

CHIEF EDITOR



Mr. ANEESH P C

STAFF EDITORS



Ms. REEMA PIUS

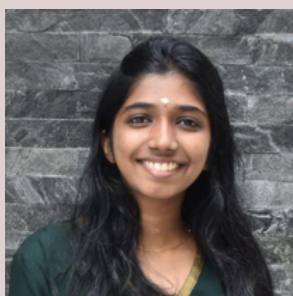


Ms. CLYDIN P A

STUDENT EDITORS



**Denna Babu
S7 CE**



**Neha Ajayakumar
S7 CE**



**Sheetal k
S7 CE**



**Muhammed Faiz KI
S5 CE**



**Swathylakshmi Lal
S5 CE**



**Abhishek Anilkumar
S3 CE**

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