

# 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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#### INSTITUTE EVENTS

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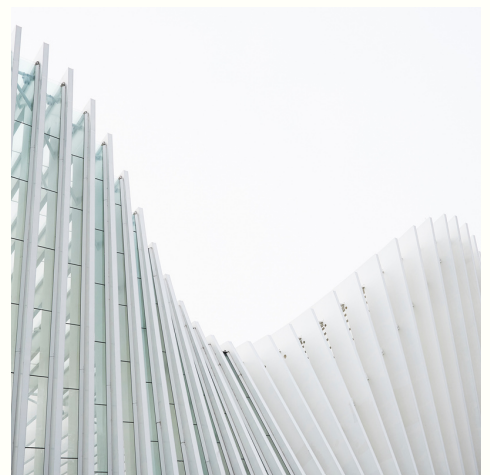
#### STAFF OUTREACH

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#### FOOD FOR THOUGHT

## Program Educational Objectives (PEOs)

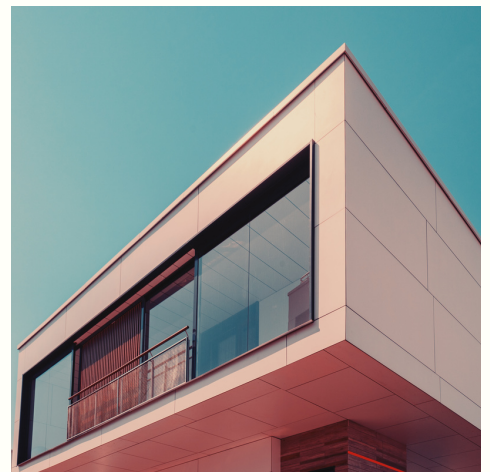
- GRADUATES WILL HAVE A POTENTIAL TO PURSUE HIGHER STUDIES AND RESEARCH IN THE FIELD OF CIVIL ENGINEERING AND INTERDISCIPLINARY AREAS.
- GRADUATES WILL BE ABLE TO PRODUCE SUSTAINABLE SOLUTIONS WITH PROFESSIONAL ETHICS FOR REAL TIME CIVIL ENGINEERING PROBLEMS.
- GRADUATES WILL HAVE MANAGERIAL SKILLS AND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

A poster for Road Safety Month 2022. The background is a wide, straight road stretching into the distance under a clear sky. At the top left is the logo of Adi Shankara Institute of Engineering and Technology. At the top right is the logo of the National Association of Technical Teachers (NATPAC). The text in the center reads: "DEPARTMENT OF CIVIL ENGINEERING in association with NATPAC ROAD SAFETY MONTH, 2022". Below this, it says "OPEN TO ALL ASIETIANS". At the bottom left, there is a graphic of a calendar and the text "Submit your entries to civil@adishankara.ac.in.". At the bottom right, it says "Register at:" followed by a QR code.

**Adi Shankara**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY

**DEPARTMENT OF CIVIL ENGINEERING**  
in association with  
**NATPAC**  
**ROAD SAFETY MONTH, 2022**

OPEN TO ALL ASIETIANS

Submit your entries to  
[civil@adishankara.ac.in](mailto:civil@adishankara.ac.in)

Register at:

Department in association with NATPAC is observing Road Safety Month, 2022 from January 18 to February 14th. As a part of this, various competitions such as Story writing, Essay writing, Painting Competition etc are being conducted under the coordination of Third semester students of the department mentored by department faculty Ms. Shabnum Suhura.

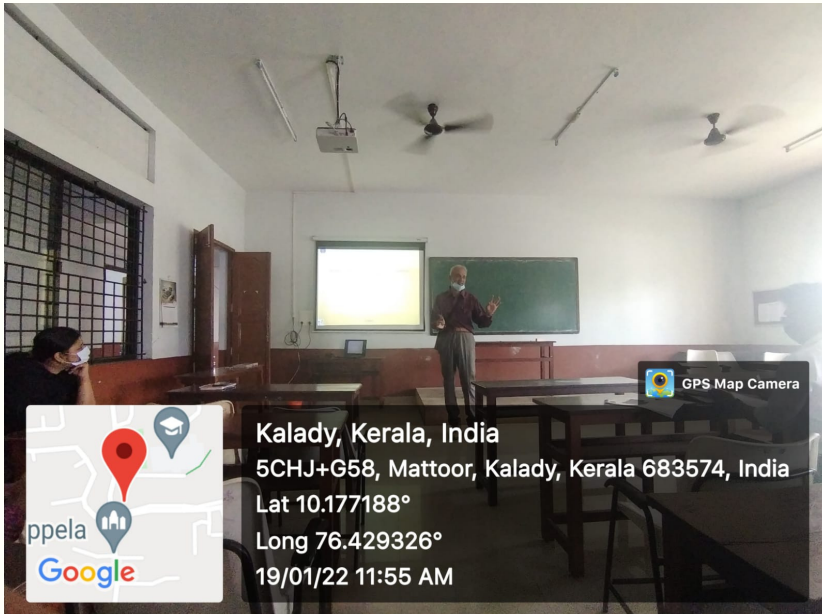
## INDUSTRIAL VISIT TO PAVIZHAM RICE MILLS

As a part of Research Project in collaboration with KMRC(Kalady Rice Millers Consortium), Dr. P.K. Suresh, Dr. Manu S Nadesan and Dr. Dhanasekhar visited the Pavizham Rice Mills on 15th January 2022. The department has associated with industry for studying the possibility of utilizing Rice Husk Ash in construction area. The coordinators of the project are Dr. P.K. Suresh, Dr. Manu S Nadesan, Dr. Dhanasekhar and Ms. Jyothi Lekshmi R.



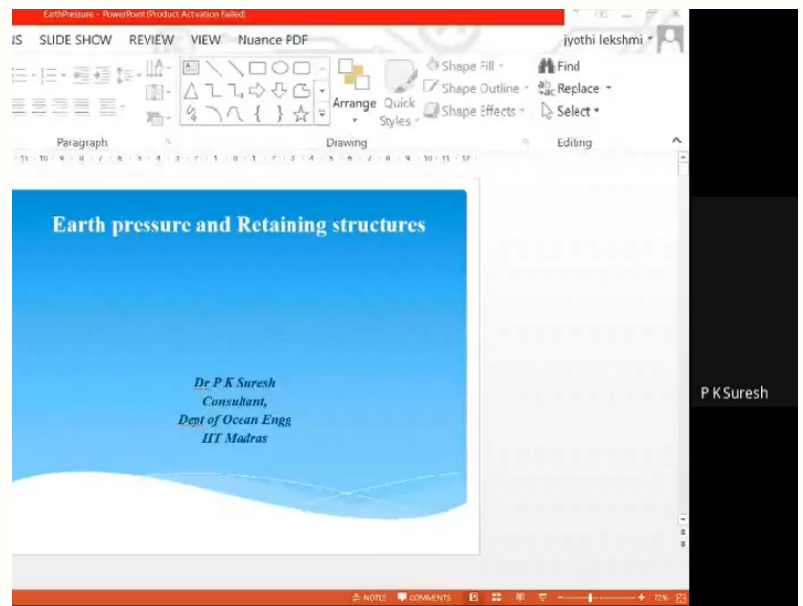
## DEPARTMENT ACTIVITIES





Department under the mentoring of Department head Mr. Aneesh P C and Department consultancy in- charges Dr. Suresh PK and Dr. Manu S NAdesan reviewed the progress of various consultancy activities in the department. The department is associating with various organizations like LSGD, Panchayath and other private institutions in various consultancy as well as research activities.

Dr. P K Suresh delivered an expert lecture on the field of Earth Pressure and Retaining structures to the fifth semester students of the Department. The session focusing on practical implications of Retaining structure design gave students an insight into the construction in site.



## DEPARTMENT ACTIVITIES



Ashila Anil of S5 Appointed as Campus Ambassador Intern for International Model United Nations (IMUN) from January 14th 2022 onwards and Started volunteering for Team Everest NGO from January 26th 2022. She also secured 100% in Civil Engineering Online Quiz, organised by NinethSem on January 1st 2022.

She also successfully completed quiz on Natural farming, organised by Ministry of Agriculture & MyGov in association with Department of Agriculture & Farmers Welfare- Government of India and, the Water Quiz 2.0 conducted as part of "Jal Shakti Abhiyan: Catch the rain" campaign, organised by National Water Mission & MyGov.

Rahila Beevi V J and Sandra A S of S1 CE participated in the Master class based on data science on 6th January 2022 at ASIET campus.



## STUDENT ACHIEVEMENTS



·Dr. Manu S Nadesan attended a webinar-Self healing concrete: Promising new development in concrete technology conducted by Ultra tech cement on 8 January 2022

·Mr. Abin Joy attended a webinar on Understanding Climate Change Impact on Civil Engineering Applications Conducted by SCE, VIT on 8th January 2022



·Ms. Shabnum Suhura attended a the work shop “Ethics and Values to be followed in Cross -Cultural workplace” organized by Aditya Institute of Technology and Managment(AITAM), Tekkali on 29th January, 2022

·Ms. Harshananda T N ,attended a webinar on Sustainability in waste, Geomechanics organized by IGS Warangal chapter on 29 th January 2022



## STAFF OUTREACH



·Ms. Nitha Abraham attended a webinar on Understanding Plagiarism Detection Software Urkund/Ouriginal” by Delhi University Library System, University of Delhi on 28thJanuary 2022

Ms. Clydin P A attended webinar -“Pride of India -Latest Building Technologies” conducted by Association of Consulting Civil Engineers(India) on 26th January 2022.



Ms. Dona Joy, attended a webinar on Structural Audit, Repair,Rehabilitation & Retrofitting of Buildings: Process & Methodologies organized by Ultra Tech cement and ICI Ghaziabad on 29 January 2022.

Ms. Ammu David attended a webinar on Structural Audit, Repair,Rehabilitation & Retrofitting of Buildings: Process & Methodologies organized by Ultra Tech cement and ICI Ghaziabad on 29 January 2022.



## STAFF OUTREACH





ANJANA JOSEPH  
S7 CIVIL



HARINARAYANAN  
S7 CIVIL



Mu Sigma



LAKSHMI RAMESH  
S7 CIVIL



SREESHMA MOHANAN  
S7 CIVIL



NEHA V A  
S7 CIVIL



# PLACEMENT





"2022 is all about shifting into what the (U.N.) secretary-general has called 'emergency mode'," - quoted by Mr. Inger Andersen, executive director of the U.N. Environment Programme (UNEP). Experts predict that certain climate and nature issues will be the top priorities this year such as emissions cuts and

paying for climate loss and damage. Projections show global emissions in 2030 will still be roughly twice as high as needed to limit warming to 1.5C, according to an expert. COP15 - together with COP27 - will be "critical turning points" to confront the "triple planetary crisis" of climate change, biodiversity loss and pollution. From deadly Hurricane Ida in the United States to devastating floods in Europe and China, and hunger-inducing drought in East Africa, climate change-fuelled disasters cost tens of billions of dollars in 2021 and caused severe human suffering.

(Source: Here's How Climate Change Crisis Could Impact Business Operations And Policies In 2022 (forbes.com))

## STAFF EDITORS



**Ms. SHABNUM SUHURA**



**Ms. NITHA ABRAHAM**

## 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**