

Issue 10, August 2023
Dept. of Civil Engineering


Muthoot
Institute of Technology & Science

N E W S L E T T E R

ETERNIA'23

The Everlasting Rex in Civil Empire

MESSAGE FROM THE HOD

The Department of Civil Engineering was established in the year 2013 with an intake of 60 students in the under-graduate level. Our Department with highly qualified dedicated faculty, well equipped laboratories and infrastructure facilities goes the extra mile in ensuring quality education. We are committed in moulding the students into excellent engineering professionals by exposing them to new innovations and developments in the field of Civil Engineering. We are actively involved in organizing various technical activities, Site/ Industrial visits and Internship training to nurture the skills of students. The Department focuses on in-house research projects and consultancy services where research activities are executed. We also develop entrepreneurial skills in students to drive the spirit of growth of our economy.

DEPARTMENT VISION

- To be a centre of excellence in the field of Civil Engineering and serve the society through continuing education and research.

- To identify real-life problems in civil engineering domain and propose solutions through effective teaching-learning process.
- To refine the technical skills, knowledge and ethical values of the students for the sustainable development of the society.
- To facilitate collaborated research projects, offering opportunities for long term interaction with industries.
- To ignite the spark of entrepreneurship in students, leading them to start their own ventures.

DEPARTMENT MISSION

CONTENT DEVELOPERS

Mentor : Sunith John David, Asst.Professor
Chief editor : Binol Varghese, Asst. Professor
Designers : Aiswarya Pradeep (S7 CE),
: V. Rajath (S5 CE)
Editors : Theertdha Sundaram R (S7 CE),
: Abhinav M P (S5 CE)



Department Activities

PROJECT LAB EXPO FOR FIRST YEAR STUDENTS

An exhibition of Project Lab organized by ETERNIA in association with ICI Student Chapter in civil department was conducted for the 1st year students. This was done to showcase the projects done by MITS students and the various opportunities made available to them.



TECHNICAL TALK: VIRTUAL PLANT VISIT TO INDIA'S LARGEST CEMENT MANUFACTURING UNIT



Er. Ram Pant conducted a technical session on advanced cement manufacturing at India's largest plant, offering insights into cutting-edge technologies and sustainability practices. Attendees explored the entire production process, discussing innovations, quality control, automation, and sustainability initiatives.

TECHNICAL TALK : MECHANICAL PROPERTIES OF BIO-INSPIRED COMPOSITES

The event was organized by ETERNIA, in association with IGBC and ICI Student Chapter on 23rd March 2022. The speaker for the session was Dr. Arun K Nair, Associate Prof., Dept. of Mechanical Engg., University of Arkansas, USA.

EXPERT TALK : FULL DEPTH RECLAMATION TECHNOLOGY FOR REHABILITATING DISTRESSED PAVEMENTS

An Expert talk on the topic "Full Depth Reclamation Technology for Rehabilitating Distressed Pavements" was organized on 13th July 2023 by ETERNIA in association with ICI Student Chapter, IGBC and ASCE. The session was handled by Dr Vishnu R, Assistant Professor, NIT Warangal.



Department Activities

SPEAK FORTH: TECHNICAL SESSION BY ADHIYA MARY

A technical session was conducted by Adhiya Mary of S8 CE on the dynamic field of building transformation, providing a comprehensive exploration into the latest innovations and strategies shaping the industry, under the title "Building Transformation," the session unfolded as a virtual journey, allowing participants to grasp the cutting-edge technologies and methodologies employed in reshaping structures for improved functionality and sustainability.



FACULTY DEVELOPMENT PROGRAMME

The Civil Engineering Department organized a three-day online Faculty Development program on "Advanced Soil Reclamation Techniques" from April 4 to April 8, 2022. Renowned experts in Geotechnical and Environmental Engineering led technical discussions, providing practical exposure to engineering fundamentals. The sessions aimed to bridge theory and real-world applications for attendees.

SITE VISIT TO CHELLANAM, TETRAPOD SEA WALL CONSTRUCTION



ICI Student chapter of Muthoot Institute of Technology and Science visited the prestigious TETRAPOD sea wall construction at Chellanam, Kochi on 24th Feb 2023.



Department Activities



PROFICIENCY AWARD
MEERA KRISHNAN



BEST STUDENT PROJECT AWARD
SHEFIL C, THAZNEEM A SALEEM,
ADITHYAN P.S & S AFEEQUE



BEST OUTGOING STUDENT AWARD
GEETHANJALI
ARUNKUMAR



Faculty Achievements

FACULTY ACHIEVEMENTS

1. Daniel A V attended an industry driven programme organized by L&T EduTech on "Advanced Industry powered Faculty Immersion Programme", from 29th May to 3rd June 2023.
2. Dr. Mary Lissy P N delivered the keynote address in the third International Conference on Sustainable Innovations and recent Advances in Science, Engineering & Management 2023 (SIASEM-23) on 28th April 2023.

FACULTY PUBLICATIONS

1. Shaji M Jamal Published a paper titled " Mesogen - Development of an Android application for the Mesoscopic modeling of concrete", Sciencedirect journal SoftwareX with impact factor 2.383
2. Shaji M Jamal Published a paper titled " A study on mesoscopic modelling of concrete", AIP Conference Proceedings



Student Achievements

- Two students from 2023 pass out batch - George K Gimmy and Viswanath P secured admission for M.Tech degree in Construction Technology and Management at NIT Surathkal under BIS scheme sponsored by L&T.
- Student group of S6 CIVIL - Harikrishnan N, Sheba Elizabeth, Kiran V Mahesh, Devi Harikumar and Bhagyaraj N has bagged the Best Project Award for the project “Automated Rain Gauge” in the National Level Project Expo Competition organized by Saintgits college of Engineering, March 2023. They also achieved the best project entry award for the project “Automated Rain Gauge” in the Sustainability Hackathon Challenge held at Entrepreneurship Development Institute of India, Ahmedabad, May 2023. Project was mentored by Sunith John David, Asst. Professor, Department of Civil Engineering at MITS.





Student Achievements

Our Alumni Ms. Catherine George (CE 2016-2020 batch) secured admission for a fully funded PhD program in Marine Sciences at Texas A & M University - Corpus Christi, US



Shifana Fathima
1st year avg SGPA = 9.45

2019-23 batch of CIVIL ENGINEERING has secured 100% result in the KTU 8th Semester Examination.



Devika P
2nd Year avg SGPA= 9.47

3 Students - Arjith Alex Martin, Ashil M A and Muhammed Niham have been successfully placed at CONFIDENT GROUP.



Devi Harikumar
3rd Year avg SGPA= 9.84

2 Students - Arjith Alex Martin and Muhammed Niham have been successfully placed at STRUTEK Designs.



Lekshmi Krishna
4th Year avg SGPA= 9.52

**STUDENTS
PASSED IN
2022 BATCH**



**PLACED
STUDENTS IN
2022 BATCH**



**PLACEMENT
OFFERS IN
2022 BATCH**



**STUDENTS
PASSED WITH
HONOURS IN 2022**





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