

ISSUE 11, DECEMBER 2024
DEPARTMENT OF CIVIL ENGINEERING



Muthoot
Institute of Technology & Science

NEWSLETTER

ETERNIA'24

Visionary Engineering Leaves A Lasting Legacy

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.

DEPARTMENT MISSION

- 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.

CONTENT DEVELOPERS

Mentor: Sunith John David, Asst.Professor

Chief editor: Rija Johny, Asst. Professor

Designers: Neethu R Menon (S3 CE),

P Shredha (S3 CE)

Rizwana K S (S3 CE)

Editors : Aiswarya Wilson(S5 CE)

Hena Sabin (S5 CE)

Nia Suresh (S5 CE)

FACULTY ACHIEVEMENTS



DR.MARY LISSY P.N

Received Copyright from Govt of India for the project titled "Absorption of Copper and Chromium ions from aqueous media using poly pyrrole alumina iron oxide nano composite", Dec 2023.

SUNITH JOHN DAVID

Received Copyright from Govt of India for the project titled "Automated Rain Gauge", August 2023.

Granted project funding of INR 72500/- for the project titled Clouded Rain Gauge" under Research Seed Money Scheme, CERD, Govt of Kerala



BINOL VARGHESE

Received Elite Topper in NPTEL course "Matrix Methods of Structural Analysis"

GINU S MALAKEEL

Received Elite Topper in NPTEL course "Water Supply Engineering"



FACULTY PUBLICATION

Shaji M Jamal - Strength and durability assessment of high-strength concrete with weathered crystalline rock waste as a sustainable partial replacement for fine aggregate, Materia





ETERNIA'24

DEPARTMENT ACTIVITIES

TECHNICAL TALK

VAASTU - BASIC GUIDELINES FOR BUILDING PLAN

26 SEPTEMBER, 2024
11 am
Albert Einstein hall, MITS

Dr. Kannan C Bhanu
Assistant professor
Dept of Civil engineering,
Carmel College of Engineering
and technology
Alappuzha

TECHNICAL TALK

Resource Person : Dr Kannan C Bhanu, Asst Professor, Carmel College of Engg and Technology, Alappuzha. Topic: Vaastu – Basic Guidelines for Building Plan

NATIONAL WORKSHOP PARTICIPATION

5 students from S5 CE and 4 students from S7 CE attended ICI Two Day National Workshop on “Emerging Trends in Resilient Infrastructure”



TECHNICAL TALK ON “BUILT ENVIRONMENT AND PROJECT MANAGEMENT FOCUSED ON SUSTAINABILITY

T.Prof Carson emphasized the urgent need for sustainable practices in the built environment, highlighting the significant environmental impact of construction projects. He discussed the importance of adopting a holistic approach to sustainability, encompassing social, economic, and environmental considerations.



DEPARTMENT ACTIVITIES



TECHNICAL TALK - LANDSLIDES : NATURAL OR AGGREGATED?

A technical discussion on landslides by Dr. Babu Kurian, Professor, Civil Engineering Department, MITS to throw light on the engineering aspects of the recent disaster at Waynad and the possible protective measures to prevent and manage such a scenario was discussed in detail.



TECHNICAL TALK ON "BUILT ENVIRONMENT AND PROJECT MANAGEMENT FOCUSED ON SUSTAINABILITY"

ICI Student chapter of MITS organized a student initiated technical talk "Speak Forth" by Mr. Bhagavath B, S5 CE on the topic – A Technical discussion on Mega structures.



DEPARTMENT ACTIVITIES



**IN HOUSE CONCRETE MIX DESIGN
WORKSHOP**



IN HOUSE CONCRETE MIX DESIGN WORKSHOP

ICI student chapter of MITs organised inhouse concrete mix design workshop . Dr Kannan C Bhanu initiated and coordinated the event on April 2024



NATIONAL CONVENTION PARTICIPATION

4 students from S3 and 4 students from S7 civil attended 39th National Convention of Civil Engineers, organised by The Institution of Engineers (INDIA).



STUDENT ACHIEVEMENTS



**BEST PROJECT FIRST FOR
KARISHMA AND TEAM
OF BATCH 2023**



**BEST PROJECT SECOND FOR
ATHIRA AND TEAM
OF BATCH 2023**



**RANJIMA.M-
BEST OUTGOING STUDENT**



**LAKSHMI KRISHNA-
FOR OVERALL PROFICIENCY**



**VISWANATH.M-
FOR OVERALL PROFICIENCY**

Student group of S8 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.



***BEST PROJECT AWARD IN
CIVIL***
"Automated Rain Gauge"



ETERNIA'24

STUDENT ACHIEVEMENTS

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4TH YEAR TOPPER



DEVI HARIKUMAR
SGPA - 9.66

4TH YEAR TOPPER



ANIT ALIAS
SGPA - 9.66

3RD YEAR TOPPER



DEVIKA P
SGPA - 9.35

2ND YEAR TOPPER



SHIFANA
FATHIMA P A
SGPA - 9.28

1ST YEAR TOPPER



MERLIN PUTHETTU
SGPA - 9.84



ETERNIA'24

STUDENT ACHIEVEMENTS

- Three students from 2024 pass out batch – Devi Harikumar, Ameera Samad and Nair Aswathy secured admission for, M. Tech degree in Construction Technology and Management at various IIT and NITs under BIS scheme, fully sponsored by L&T.
- Student group of S6 CIVIL - Harikrishnan N, Sheba Elizabeth, Kiran V, Mahesh, Devi Harikumar and Bhagyaraj N received the AICTE Yukti Innovation fund of Rs. 3,00,000/- for the project titled “Automated Rain Gauge” guided by Mr. Sunith John David.



DEVI HARIKUMAR



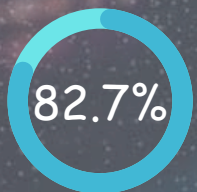
NAIR ASWATHY



AMEERA SAMAD



NO OF STUDENTS
PASSED IN 2023
BATCH



NO OF STUDENTS
PLACED IN 2023
BATCH



NO OF PLACEMENT
OFFERS FOR 2023
BATCH



NO STUDENTS
PASSED WITH
HONOURS



NO STUDENTS
PASSED WITH
MINOR



NO OF
STUDENTS
COMPLETED
MOOC COURSE



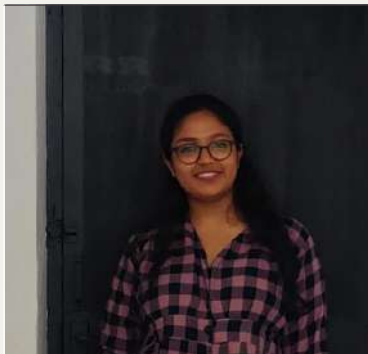
NO OF
STUDENTS
COMPLETED
ADDON COURSE





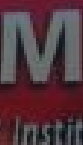
STUDENT ACHIEVEMENT

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Nandana P M of CE 21-25 batch secured paid internship at IIT Tirupati, for a duration of 6 months.

- 4 Students from 2024 batch granted student project funding of 27100/- from CERD, KTU for the project titled “Stabilization of Sandy Soil using Cellulose Biopolymer Extracted from Colocasia esculenta.” guided by Ms. Sruthy T G.
- 4 Students from 2024 batch granted student project funding of 29800/- from CERD, KTU for the project titled “Application of Embedded Intelligence in Aquifer Monitoring” guided by Mr. Sunith John David
- Students from S3 CE and S5CE successfully completed traffic surveys in Infopark area in Kochi as part of KMRL consultancy work, for the revision of ridership estimation for Kochi Metro Phase.





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