



ETERNIA '22

The Everlasting Rex in Civil Empire



DEPARTMENT OF CIVIL ENGINEERING

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.

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.

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DEPARTMENT ACTIVITIES

Practical exposure for Final year students - 26/10/21



As part of enhancing the existing sporting facility in MITS campus, active civil engineering works are being executed under the consultancy cell. Students were given opportunity to experience and understand the ongoing activities and exposure to the industry practices of modern tools used in construction were provided. Power trowel, surface vibrator are few to name among those tools. The important check points and factors influencing the design and construction of steel structures were imparted to students by the visit to the new indoor badminton facility that is under construction in the Boys hostel premises.

A Technical Session on 14th May 2021 - "Journey Through Concrete" by Er. Shyju Nair, Director and CEO DH Academy.



A Technical session on "Journey Through Concrete" was organized by the ICI student chapter of MITS in association with Eternia by the department of Civil engineering on 14-May-2021 at 11:00 a.m. The Speaker for the event was Er. Shyju Nair, Director and CEO DH Academy.

Winners in the DESIGNO - Envisioning Spaces



ICI Trivandrum Chapter, organized a competition for Civil engineering students of Engineering colleges named DISEGNO "Envisioning Spaces". Students from all the even semesters combinedly formed a team and our students emerged as a winning team among the competitors.

An Expert talk on 12th June 2021 - "Kerala Building Rules"



An initiative of Industry Institute Interaction Cell in association with ETERNIA. The session was handled by Er. Anil Kumar P. D., Managing Director Habitat De Infra Pvt. Ltd.

A Technical Session on 04th June 2021 - "Green Products".

The event was organized by IGBC student chapter in association with ETERNIA on World Environment Day. The speaker for the session was Mr. Dhanarasu, Associate Counsellor, GBC - Green Pro.





DEPARTMENT ACTIVITIES

PROFICIENCY AWARD



GOPIKA V (2021 Passout Batch)

BEST STUDENT PROJECT AWARD



ASWINTH G, RUHAMA ANNA SAM, MARIYA SUNNY,
SUBUHAANA PADATHIKKARAJALAL GUIDED BY DR BABU KURIAN

BEST OUTGOING STUDENT



ATHIRA ANILKUMAR (2021 Passout Batch)

2ND BEST STUDENT PROJECT AWARD



JEEVA MARIAM, ANSA MUHAMMED,
RESHMA R, SAMAL UMMER GUIDED BY
SUNITH JOHN DAVID



FACULTY ACHIEVEMENTS

Thesis titled “Diaphragm Wall Design with upgraded Approach to the Specifications of Indian Standard Comprising Influence of System Configurations and Field Characteristics” guided by Dr. Babu Kurian, Professor and HoD has awarded PhD degree from MG University in March 2021

Team of faculty members and students led by Sunith John David (Asst.Professor), Jereena Jawahar (Asst.Professor) and Mala Pankaj (Asst.Professor) submitted Detailed Project Report on “Pollution Abatement of Chihrapuzha River” to Govt. of Kerala on 28 th February 2021.

Ms Serin Sara Roy and Remadevi M, assigned as guides for the consultancy work of “Traffic Surveys for the Preparation of DPR for Integrated Development of Coastal Highway with cycle track in Thiruvananthapuram, Kollam and Alappuzha Districts”

Mr. Kannan C Bhanu has submitted PhD thesis on “Investigations on High Performance Fibre Reinforced Cement Concrete Shear Walls with Openings” at NIT Calicut on Dec 2021

FUNDED PROJECTS

Mr. Sunith John David, Asst.Professor has been funded with an amount of 28,000/- from Centre of Engineering Research Development, CERD for student project titled “Automated Infiltrometer”

Dr. Dhileep M, Asst.Professor has been funded with an amount of 27,000/- from Centre of Engineering Research Development, CERD for student project titled “Wave Energy harvesting sea wall”



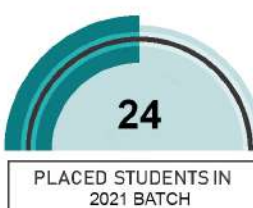
STUDENT ACHIEVEMENTS

Team of 4 students, Eldho Raju, Gopika R, Jomisha Mary Jolly, Niniya Babu has won the Best UG Project Award for the project titled "An overview of steel pedestrian suspension bridge: Failure Study, Design and Lateral Load Resisting Mechanism" in ICI-Ultratech Awards 2020

Team of 4 students, Ansa Muhammed, Jeeva Mariya Oommen, Reshma Raj and Samal Ummer of 2017 admission guided by Mr.Sunith John David, Asst. Professor has been funded with an amount of 28,000/- from Centre of Engineering Research Development, CERD in June 2021

Team of 4 students, Aswin V, Adhithya V Raghav, Gadha V Gopan and Reuben Cheriyan of 2017 admission guided by Dr.Dhileep M, Asso. Professor has been funded with an amount of 27,000/- from Centre of Engineering Research Development, CERD in June 2021

S Sruthy and Alfiya Parveen of 2017 admission has presented a paper on Immobilization of Heavy Metals from Contaminated Soil, National conference on sustainable practice in civil engg organized by the department of Civil Engg, Sree buddha college of engg, Pattoor.





FACULTY PUBLICATIONS

P N Mary Lissy, G Madhu, Roy M Thomas, "Modelling of packed bed column studies for the removal of Cu(II) using polypyrrole alumina iron oxide nanocomposite", published by Desalination Publications, July 2021

Sunith John David, Samal Ummer, Jeeva Maryam Oommen, Reshma Raj R, Ansa Muhammed, "Automated infiltrometer", published in International Conference on Systems, Energy and Environment (ICSEE), 2021

A Nishida, Aparna Gopinath, S Chandraj, K Radhika, R Sethu, "Environmental remediation of oil contaminated soil", published in Springer Nature Singapore Pte Ltd., 2021

Rema Devi M, A Nikhitha Radhakrishnan, Anuja Ajith, Smrithi K V, Athul A S, "Effect of construction variability on performance of flexible pavement", published in 8th International Conference on Transportation Systems Engineering and Management (CTSEM), August 2021

Sunith John David, K U Abdu Rahiman, V Subha, "A novel statistical approach for infiltration model analysis", LNCE Volume 176

Babu Kurian, M Dhileep, K M Ramya, "Aspects of proportions in Indian traditional domestic architecture", published by Interdisciplinary Science Reviews, Volume 47, 2022



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