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Dr. Narayanan. S
Head of Civil Engineering Department

INSTITUTE VISION

To be an institution offering quality technical education and promoting research with strong ethical values for public good.

INSTITUTE MISSION

To mould the young men and women into technologically up to date, socially conscious and morally sound individuals by providing an inspiring environment of learning for the welfare of the society.

DEPARTMENT VISION

To be a globally recognized Centre for civil engineering studies, to mould competent, research oriented and socially responsible professionals.

DEPARTMENT MISSION

To provide quality technical education in civil engineering for a successful career.

To equip the students with advanced skills and knowledge to take up challenges in all areas of civil engineering.

To create professionals with strong ethical values to provide service for the public and society.

MESSAGE FROM HODs DESK:

It is with great joy that the 2023-2024 edition of the department newsletter is being presented. The students have participated in cultural and technical events outside and won prizes. Many events have been organized in the college for career guidance, workshop for mix design, expert talks, several MOUs were signed with industry and IEI, Civil Engineering Association, and ASCE Foundation year activities were inaugurated.



PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO 1: Graduates will be able to establish engineering abilities, design capabilities and life-long learning for a successful civil engineering career.

PEO2: Graduates will be able to establish the knowledge and skills necessary for identifying and assessing design

Alternative to deal effectively with the social, economic, environmental and public safety problems.

PEO 3: Graduates will be able to obtain professional licensure and develop entrepreneurship skills to work in multi- disciplinary environment.

PROGRAM SPECIFIC OUTCOMES (PSOs)

Global Competence –Apply technical and managerial skills necessary to enter career in planning, design, construction, operation or maintenance of the global infrastructure.

Research and development- Update about the latest research and development in construction technology advances in construction materials and analysis or design procedures.

Disaster Management-Acquires theoretical background about post disaster conditions such as rescue operations, damage assessment and retrofitting of structures.

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

No: of Faculty	Name of Faculty	Name of Program	Organised by
1	Dr. RANI V.	Sustainable Geotechnical solutions for problematic soils and Disaster Management	CUSAT ,Kochi +Geokeralam
2	RESHMY D.S.	Traffic Emissions in Urban Areas and Challenges towards Sustainable cities	NIT Warangal
3	GREESHMA T.	National Education Policy: Quality enhancement and reforms in Higher Education Institutions in alignment with NAAC	Vidya Academy of Science and Technology, Thrissur
		FDR - Execution Challenges and Quality Control	Turtle Smart Solutions L.L.P.
		Workshop on Spatial Prediction of Soil parameters using Geospatial AI/ML	Marian Engineering College
4	TARA LEANDER	Recent Advances in Transportation Geotechnics (ReATraG'24)	College of Engineering ,Trivandrum
		Engineering Next - Gen Materials	Dept. of Science and Humanities, Mar Maselios College of Engineering and Technology
5	RENJU C.M.	Advances in Material Processing and Design (AMPD-2024)	Sardar Vallabhbhai National Institute of Technology, NIT Surat



		Geo-Informatics in Disaster Management	Jorhat Engineering College, Assam
		“Structural Analysis- Basics, Methods and Applications(SA-BMA)”	Indian Society for Technical Education (ISTE) Kerala Section & Musaliar College of Engineering, Pathanamthitta
6	ABHIJITH R.P.	Advances in Material Processing and Design (AMPD-2024)	Sardar Vallabhbhai National Institute of Technology, NIT Surat
		Geo-Informatics in Disaster Management	Jorhat Engineering College, Assam
		“Recent Advances in Structural Engineering and Material Science (RASEMS)”	Jorhat Engineering College, Assam
		Nature based Sustainable Solutions for Environmental Pollution – Air, Water and Soil Reclamation	Centre for Clean Environment (CCE) Vellore Institute of Technology (VIT)
		AI Tools and Advanced Excel for Enhancing Paper Writing and Project Report	Vidya Vihar Institute of Technology
		“Structural Analysis- Basics, Methods and Applications(SA-BMA)”	Indian Society for Technical Education (ISTE) Kerala Section & Musaliar College of Engineering, Pathanamthitta
7	ASHA DAVOOD Z.	Application of Machine Learning in Transportation Engineering	College of Engineering ,Trivandrum
		Spatial prediction of soil parameters using Geospatial AI/ML	Marian Engineering College ,Trivandrum
8	SANOBIYA B.S.	Emergency trends in Sustainable and Resilient Infrastructure	Toc H Institutue of Science & Technology
		5 Day International faculty development program on "Engineering Next Gen Materials	Mar Baselios College of Engineering & Technology, TVPM
9	ASWATHY SASIKUMAR	Emergency trends in Sustainable and Resilient Infrastructure	Toc H Institutue of Science & Technology
		5 Day International faculty development program on "Engineering Next Gen Materials	Mar Baselios College of Engineering & Technology, TVPM
10	DEEPTHI DENNISON	FDP on "LIDAR APPLICATIONS IN SURVEYING"	Mar Baselios College of Engineering & Technology, TVPM
11	KANNAN K.	Environmental Pollution: Monitoring and Control	Department of CE, Adi Shankara Institute of Engg and Tech. [hybrid mode]
		Modern Geotechnical Engineering and GIT	NITTR, Chennai
		Webinar on Issues and challenges with tunnelling and underground space construction in India	IGS, Kochi chapter
12	REVATHY V.S.	Sustainable development goals -way ahead	College of Engineering ,Trivandrum
13	KARUNA P.	Sustainable development goals -way ahead	College of Engineering ,Trivandrum
14	MAGI N.S.	Research Methodology using ChatGPT & AI tools and Funding Opportunities for Research	Marian College, Kuttikanam
15	AMBIKADEVI V.M.	Sustainable development goals -way ahead	College of Engineering ,Trivandrum



ASSOCIATION ACTIVITIES:

1. AMETOS CIVIL ASSOCIATION

EVENTS

- Teachers' Day Celebration
- Inauguration Of Activities For The Year 2023-24
- Technical Session: An Overview Of Dpr For Infrastructural Projects
- Field Visit - Kerala First 3d Printed Building, Kerala State Nirmithi Kendra Trivandrum
- Site Visit – Spt Test And Piling For S5 And Mtech
- Field Visit For S7 And Mtech To Water Treatment Plant, Aruvikkara

2. IGS STUDENTS CHAPTER

EVENTS:

- Session On: Coastal Erosion, Control Measures And Geotechnical Aspects
- Field Visit - Kerala First 3d Printed Building, Kerala State Nirmithi Kendra Trivandrum
- Field Visit - Kerala First 3d Printed Building, Kerala State Nirmithi Kendra Trivandrum
- Field Visit - Water Treatment Plant Aruvikkara, Trivandrum
- Field Visit - Soil Museum, Trivandrum
- Photography Contest - World Soil Day

SNAPSHOTS FROM THE EVENTS







ABOUT THE EVENTS

On 11th October 2023, Marian Engineering College celebrated the inaugural ceremony of its Civil Engineering association. The event was organized to celebrate the inauguration of the civil association, which is aimed at promoting and developing the skills and knowledge of students pursuing civil engineering at the college. The event marked a significant milestone in fostering academic growth and industry interaction within the institution. The inauguration ceremony was held in the Gallery Hall at the admin block of MEC and was attended by students, faculty members, and distinguished guests from the civil engineering industry. The event began with a prayer and a welcome address delivered by the Head of Civil Engineering Department, Dr. Narayanan S, followed by the lighting of the lamp by the chief guest, Mr. Murali. L.S. The ceremony proceeded with presidential address by, Dr. A. Samson, the Principal and Dean of our college who highlighted the importance of such associations in promoting innovation and creativity in students, and an overview about the chapter activities was delivered by Prof. Kannan K., mentor of civil engineering association, which was then followed by the felicitation delivered by the Principal and Dean, Dr. A. Samson.

The highlight of the event was the technical talk delivered by Mr. Murali. L.S., on the topic 'An Overview of DPR for Infrastructural Projects', which helped students in the better understanding on some of the constructional aspects in civil engineering. Thus, the session of the event concluded with a vote of thanks by the Mentor of the Civil Association Mrs. Rani. V, who expressed her gratitude to the faculty members, students, and chief guest for their support and participation in the event.

In conclusion, the inauguration of the Civil Association in Marian Engineering College was a grand success, and a significant step towards promoting the development of civil engineering skills and knowledge among the students. It is hoped that the association will continue to flourish and provide a platform for innovation and creativity in the field of civil engineering.

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- Prof. Karuna P

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