



MARIAN
ENGINEERING COLLEGE



NATIONAL CONFERENCE ON SUSTAINABLE COASTAL DEVELOPMENT AND SMART INFRASTRUCTURE SOLUTIONS NCSCDSIS 2026



13th - 14th
AUGUST
2026

ORGANIZED BY: CENTRE FOR COASTAL ENGINEERING & MANAGEMENT,
DEPT. OF CIVIL ENGINEERING, MARIAN ENGINEERING COLLEGE

Inauguration by

Chief guest

Shri. V.E. Abdul Gafoor

Hon'ble Minister for Fisheries

on 13th August 2026, 10:00 am

Venue: Bishop Pereira Hall





M A R I A N
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About the Institution

Marian Engineering College, established in 2001, is a leading self-financing technical institution in Kerala. The college is proudly celebrating its Silver Jubilee, marking 25 years of academic excellence and transformative education. Affiliated with APJ Abdul Kalam Technological University and approved by AICTE, the college is situated on a sprawling 56-acre campus of Marian Educity near prominent institutions like the Vikram Sarabhai Space Centre and Technopark. Managed by the Trivandrum Social Service Society under the Trivandrum Latin Catholic Archdiocese, the college aims to cultivate professionals characterized by competence, confidence, commitment and compassion. All eligible programs are accredited by NBA. Marian Engineering College benefits from the Archdiocese's extensive experience in managing quality educational institutions. MEC has the vision to be a center of excellence in engineering education and research that fosters innovation, entrepreneurship and social responsibility.

About the Conference

The conference aims to provide a multidisciplinary platform for discussing innovative research, emerging technologies, sustainable practices, and smart solutions for resilient coastal development.

Call for papers

The organizing committee cordially invites researchers, academicians, industry experts, practitioners, and students to submit original research papers for the National Conference on Sustainable Smart Solutions for Coastal Development. Authors are requested to submit their manuscripts through the mail id ncscdsis2026@gmail.com.

For paper template and more details login to the following site :

<https://www.marian.ac.in/departement/ce/ncscdsic>

Authors are encouraged to submit unpublished and original contributions in, but not limited to, the following areas:

Tracks

1. Coastal Engineering and Shore Protection

- Coastal erosion control
- Seawalls, groynes, and breakwaters
- Beach nourishment
- Sediment transport studies
- Port and harbor engineering

2. Climate Change and Coastal Resilience

- Sea level rise impacts
- Disaster risk reduction
- Cyclone and tsunami resilience
- Climate adaptation strategies
- Nature-based coastal protection

3. Smart and Sustainable Infrastructure

- Smart coastal cities
- Sustainable transportation systems
- Green infrastructure
- IoT applications in coastal management
- Digital monitoring systems

Water Resources and Coastal Hydraulics

- Coastal flooding and drainage
- Estuary and tidal studies
- Stormwater management
- Integrated water resource management
- Hydraulic modeling

5. Environmental Sustainability and Ecosystem Conservation

- Mangrove and wetland conservation
- Marine ecosystem protection
- Coastal biodiversity
- Blue economy
- Environmental impact assessment

6. Renewable Energy and Green Technologies

- Offshore wind energy
- Wave and tidal energy
- Solar applications in coastal areas
- Energy-efficient infrastructure
- Sustainable materials and technologies

7. Geotechnical and Geoenvironmental Engineering

- Coastal soil stabilization
- Ground improvement techniques
- Marine geotechnics
- Land reclamation
- Geo environmental risk assessment

8. Remote Sensing, GIS, and Data Analytics

- GIS for coastal zone management
- Remote sensing applications
- AI and machine learning in coastal studies
- Coastal mapping and monitoring
- Digital twins and smart analytics

9. Sustainable Urban and Regional Planning

- Coastal urbanization
- Smart coastal tourism
- Sustainable housing
- Coastal land-use planning
- Policy and governance

10. Waste Management and Pollution Control

- Marine pollution mitigation
- Plastic waste management
- Wastewater treatment
- Circular economy practices
- Coastal sanitation solutions

Registration Fees:

B.Tech /M.Tech students & Research scholars: Rs. 750/-
Academicians & Industrialists: Rs. 1000/-

Important Dates :

Paper Submission Opening date : 25th July, 2026

Paper submission deadline: 5th August, 2026

Registration opens: 25th July, 2026

Camera ready submission deadline: 10th August, 2026

ORGANIZING TEAM

Patron: Rev. Dr. A. R. John, Manager, MEC

Advisory Committee

1. Very Rev. Msgr. Eugene H. Pereira, Vicar General, Archdiocese of Trivandrum
2. Rev. Dr. A. R. John, Manager, Marian Engineering College
3. Dr. Sheikh Pareeth, Managing Director, KSCADC
4. Dr. M. Baba, Former Director, NCESS
5. Dr. L. Sheela Nair, Scientist G, NCESS
6. Dr. K. Balan, Retired Professor, CET
7. Prof. Jyothis Thomas, Retired Professor, CET
8. Dr. Wilbert R., Retired Professor, Barton Hill Engineering College
9. Dr. Jayakumar, Former MD & CEO, Vizhinjam International Seaport Ltd.
10. Dr. Satheesh Gopi, Retd. Hydrographer, Department of Ports (Kerala).
11. Dr. Ajit Prabhu V., Principal, Marian Engineering College
12. Dr. Samson A., Dean, Marian Engineering College
13. Dr. Rani V., HOD CE, Marian Engineering College
14. Dr. Reshmy D. S., Associate Professor, Marian Engineering College

Co-ordinators

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Organizing Committee

Dr. S. Narayanan, Professor, CE
Prof. Greeshma T., Assistant Professor, CE
Prof. Renju C. M., Assistant Professor, CE
Prof. Asha Davood Z., Assistant Professor, CE
Prof. Sanobiya B.S., Assistant Professor, CE
Prof. Deepthi Dennison, Assistant Professor, CE
Prof. Kannan K., Assistant Professor, CE
Prof. Karuna P., Assistant Professor, CE
Prof. Revathy V.S., Assistant Professor, CE

Authors are requested to submit their manuscripts
through the mail id **ncscdsis2026@gmail.com**

Registration link :

<https://forms.gle/uSGrwSmx9njPlaoY8>

For more details visit :

<https://www.marian.ac.in/department/ce/ncscdsic>

Scan for payment:

