REGISTRATION LINK

https://forms.gle/BA4zHKAe8FX5fYSD8

Registration QR Code

PAYMENT DETAILS

Payment Link for UPI

Payment through Cheque: Amount should be drawn in favour of *Don Bosco College of Engineering payable at Margao, Goa.*

Bank Details for Online transaction

Account Name: Don Bosco College of Engineering
Bank Name: BANK OF INDIA
Bank Account No. 10381021000051
IFSC Code: BKID0001038

REGISTRATION

Registration Fee:
₹ 1000 (Faculty / Industry),
₹ 600 (Students / Research Scholars)

Last Date of Registration:
21st November 2025

Seats: Limited (First-come-first-served)

Certificate: Certificate will be provided to all participants

CONTACT US

Asst. Prof. B. R. Anirudha
br.anirudha@dbcegoa.ac.in
7798632458

Asst. Prof. Prachi Dessai
prachi.dessai@dbcegoa.ac.in
9763132166

Department of Civil Engineering,
Don Bosco College of Engineering, Fatorda – Goa

Website: www.dbcegoa.ac.in

Don Bosco College of Engineering

Department of Civil Engineering

Organizes

Three-day Short-term Training Program

on

"Applications of Artificial Intelligence and Machine Learning in Civil Engineering"

Supported by

Department of Science, Technology and Waste Management, Government of Goa

27th to 29th November 2025

ABOUT THE COLLEGE

Don Bosco College of Engineering, Fatorda, managed by the Salesian Society, was established in 2011. It has been approved by the Directorate of Technical Education, Government of Goa, the All India Council for Technical Education (AICTE), New Delhi, and is affiliated to Goa University. Don Bosco College of Engineering offers four full-time undergraduate courses in Civil Engineering, Mechanical Engineering, Computer Engineering, and Electronics and Computer Science. The college offers postgraduate programs in Computer Aided Structural Engineering and Data Science. It has a Business Incubation Centre called Forum for Innovation, Incubation, Research and Entrepreneurship (FiiRE).

ABOUT THE DEPARTMENT

The Civil Engineering Department is accredited by the National Board of Accreditation (NBA). It is staffed with qualified, dedicated, and experienced faculty members. The department is equipped with 10 fully functional laboratories and a Research Laboratory that supports both academic and consultancy services. It offers postgraduate programmes, including a Master of Engineering (M.E.) in Computer-Aided Structural Engineering, and also provides opportunities for doctoral (Ph.D.) research. Students benefit from strong industry exposure through internships, field visits, workshops, and collaborative projects.

ABOUT THE PROGRAMME

The STTP aims to provide civil engineering professionals, researchers, and students with an in-depth understanding of Artificial Intelligence (AI) and Machine Learning (ML) applications in civil engineering. The sessions will cover modern computational techniques, data-driven modeling, and AI-enabled decision-making to enhance efficiency, safety, and sustainability in the civil engineering sector.

ORGANIZING COMMITTEE

Patrons:
Rev. Fr. Ralin D'Souza, Rector, DBCE
Rev. Fr. Wilfred Fernandes, Director, DBCE
Rev. Fr. Leo Pereira, Administrator, DBCE
Dr. Neena S.P. Panandikar, Principal, DBCE

Convener:
Dr. Shwetha Prasanna, Head, Civil Engineering Department

Coordinators:
Asst. Prof. B. R. Anirudha
Asst. Prof. Prachi Dessai

RESOURCE PERSONS

- **Dr. Aniket Vasantrao Kataware,** Assistant Professor, IIT Dharwad
- **Dr. Gaurang Patkar,** Professor, Don Bosco College of Engineering, Fatorda
- **Dr. Pijush Samui,** Professor, NIT Patna
- **Dr. Ramprasad S Joshi,** Associate Professor, BITS Pilani Goa Campus.
- **Dr. N. V. Umamahesh**, Professor, NIT Warangal
- **Dr. Shreyas Simu,** Associate Professor, Don Bosco College of Engineering, Fatorda
- **Dr. Sanjeev Sangami,** Professor, Jain College of Engineering, Belagavi

CONTENTS OF THE COURSE

- Introduction to AI and ML and its application for Civil Engineers
- AI and ML for Structural Health Monitoring
- AI for Transportation Planning
- Geotechnical Risk Analysis using AI
- Applications of AI and ML in Hydrology & Water Resources
- AI in Environmental and Sustainability Assessment