About the programme

This Faculty Development Programme aims to enhance faculty knowledge for the course "Embedded Systems and Machine Learning for Engineering Applications". Faculty and researchers are also encouraged to apply embedded programming and machine learning to real-life engineering problems. Experts from the University of Teknologi Brunei (UTB), NITs, and industry, as well as faculty members from TKMCE, will conduct the sessions.

Course Topics

- Introduction to Embedded System
- Introduction to Machine Learning,
- Data-Driven Modelling,
- Applications of Embedded Systems and Machine learning in Various Engineering fields such as Power converters, controllers, Load Forecasting etc.
- Automation in Engineering
- Programming practices
- Demo sessions from Industry Inqbe Innovations Pvt Ltd and External experts

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Sponsorship Certificate

Certified that Mr./Mrs./Ms./Dr./Prof..................... ....is a regular faculty of this institution and he/she is hereby sponsored for the 6-day faculty development programme on "Embedded System and Machine Learning for Engineering Applications" design February 12th to 17th February 2024 at College of Engineering Trivandrum.

Mr./Mrs./Ms./Dr./Prof................................. .... has been permitted to attend the course during period from February 12th to 17th February 2024.

Place:
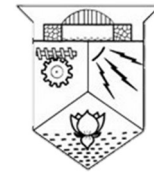Date:

Signature of
Head of Institution

[Official seal]

Faculty Development Programme
On

"Embedded System and Machine Learning for Engineering Applications"

February 12th to 17th February 2024

organized by

Department of Electrical Engineering
College of Engineering Trivandrum
Thiruvananthapuram - 695 016

Sponsored by
Directorate of Technical Education
Government of Kerala

Resource Persons

The faculty development program sessions will be conducted by academic researchers and industry experts drawn from across the country and foreign universities.

Who can apply

Professionals and researchers in various engineering domains, including those affiliated with the government, aided or self-financing colleges and polytechnic colleges, research institutes and consultancies are encouraged to apply.

How to apply

Technical education department applicants should apply through DTE Training Portal http://admissions.dtekerala.gov.in/tpms

Other participants kindly apply via the Google Form available at https://forms.gle/4BsngxrXw4r59wL5A by 09/02/2024. Additionally, attendees are required to present a Sponsorship letter, endorsed by the Head of their respective Institution, upon arrival for the FDP.

Fee structure

No course fee for faculty members from government/aided engineering colleges and polytechnic colleges. Faculty members from self-financing institutions and research scholars have to pay a course fee of Rs.1,000/- (which is payable at the time of registration). Participants may remit fee by cash/DD in favour of Principal, College of Engineering Trivandrum.

Important Dates

Registration starts 31-01-2024
Registration ends 09-02-2024
Intimation of selection 10-02-2024
Confirmation of participation via email 02-02-2024

Coordinators

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About the Organizing Institute

The College of Engineering Trivandrum (CET), founded in 1939, is a prominent engineering institution in India. CET has a prestigious history of producing globally recognized technocrats. All its undergraduate courses are accredited by the NBA until 2025. The Department of Electrical Engineering is one of the founding departments of the College of Engineering Trivandrum which started functioning in 1939. Right from its inception, the department has been rated very high in academic circles. provides quality technical education to young minds with a zeal to contribute to the advancement of human knowledge and progress.

Vision

Be a center of excellence and higher learning in Electrical Engineering and allied areas.

Mission

- To impart quality education in Electrical Engineering and bring up professionally competent engineers.
- To mold ethically sound and socially responsible Electrical Engineers with leadership qualities.
- To inculcate research attitudes among students and encourage them to pursue higher studies.