PROFICIENCE COURSES JANUARY–MAY 2026

IoT System Design For EV Applications

Course Coordinator

Dr. T.V.Prabhakar
Dept of Electronic Systems Engineering IISc

Eligibility :

B.E/B.Tech/M.E/M.Tech: Mechatronics Engineering, Automotive, Industrial and Manufacturing, Data Science and Data Analytics; MSc (Completed and Pursuing): Electronics, Physics, Applied Physics; PhD candidates having research disciplines in Electronic Systems Engineering /Mechanical / Automotive Engineering /Material Science / Chemical Engineering/Power Systems / Smart Grid.

Course Objectives

An industrial IoT course with emphasis on electric vehicles

Course Syllabus

IoT introduction, Embodied & Edge & Cloud-based Artificial Intelligence, IoT, RFID and its applications, OPC UA, SPOE, TSN, TSCH networks, Digital twin of a battery, Smart windshield

Course Fee per participant:

INR 15000+18% GST

Course Schedule

Start Date 17 January,2025
Saturday and Sunday 9.00 AM to 10.00 AM
Mode: Online

Contact us

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Indian Institute of Science
Bengaluru 560 012, INDIA.
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Registration Link:

https://iisc.online/admissions/home.html

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