Embedded Systems In Industrial Applications

8:45 AM - 10:15 AM: Session 1: Embedded Systems in Automation

Overview of embedded systems in industrial automation.
Hands-on session on designing control systems.
Practical use of embedded systems in automation projects.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Embedded Systems in Robotics

Exploring the role of embedded systems in robotics.
Workshop on integrating sensors and actuators in robotic systems.
Case studies on advanced robotic applications.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Embedded Systems in Automotive

Hands-on session on designing embedded systems for automotive applications.

Exploring the use of embedded systems in vehicle control and diagnostics.
Case studies on innovations in automotive embedded systems.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Embedded Systems in Consumer Electronics

Workshop on the application of embedded systems in consumer electronics.
Practical techniques for designing smart devices.
Case studies on successful consumer electronics projects.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.
Certificate Issue

5:30 PM: Workshop Concludes