



NTHRYS WORKSHOPS

Innovations In Embedded Systems

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

Introduction to AI and machine learning in embedded systems.
Hands-on session on implementing AI algorithms.
Case studies on AI-driven embedded applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Embedded Systems for Wearable Technology

Exploring the design of embedded systems for wearables.
Hands-on training on developing wearable devices.
Practical use of sensors and communication protocols in wearables.

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

Catered lunch and networking opportunity.

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

Hands-on session on using FPGAs in embedded system design.

Exploring the benefits of reconfigurable hardware.
Case studies on advanced FPGA-based embedded projects.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Trends in Embedded Systems

Discussion on emerging trends and technologies in embedded systems.
Workshop on integrating new technologies in embedded design.
Case studies on the future impact of embedded systems innovations.

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