

# MOBILITY PROGRAMME 2025

## 2-week Robotics & Mechatronics Programme

The integration of Artificial Intelligence (AI) and the Internet of Things (IoT) into robotics is transforming industries by enhancing productivity, optimising resource use, and promoting sustainable practices.



### Programme focus

Participants will develop innovative solutions that leverage AI and IoT to enhance robotic capabilities through:

- ✓ Project: AI and IoT integration in robotics applications
- ✓ Machine vision algorithms, image processing & machine learning
- ✓ Deep learning & object detection
- ✓ Arduino & IoT: Bridging hardware and software
- ✓ Industry visits & expert talks
- ✓ Cultural immersion



### Methodology

- Lectures • Hands-on projects • Case studies
- Project presentations



### Fees include

- Accommodation
- Airport transfers
- Excursions
- Industry benchmarking visit
- Welcome lunch
- Learning resources & materials
- Certificates
- Refreshments

**Excludes:** Flight tickets, meals & personal expenses

*\*Prices are subject to change*

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