SHORT TERM COURSE

AI/ML IN SMART MANUFACTURING AND INDUSTRY 4.0

भारतीय प्रौद्योगिकी संस्थान खड़गपुर
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Prof. Suman Chakraborty ,
Director, IIT KGP
(Patron)

Under the scope of NEP 2020
Organised by
IIT Kharagpur
in association with
Techno India University,
West Bengal

Duration: 9th to 13th March 2026
and 16th to 17th March2026
(7 days)
Time: 7:30PM to 9:00PM (IST)
Mode of conduct of course: Online

Course Structure

Day 1 - Introduction to Advanced Materials and Manufacturing

Day 2 - IoT in Manufacturing Processes

Day 3 - AI/ML in Robotics and Manufacturing

Day 4 - Introduction to IoT with Ai-ML and Cloud Computing

Day 5 - Smart Industrial Control and Automation

Day 6 - Additive Manufacturing and Materials Characterization using Artificial Intelligence

Day 7- AI-Driven Predictive Maintenance

Speakers

1. **Chairperson, CoE-AMT, IIT KGP**
2. **Prof. Surjya K. Pal, IIT KGP**
3. **Prof. Soumitra Paul, IIT KGP**
4. **Prof. D. K. Pratihar, IIT KGP**
5. **Prof. Sudip Misra IIT KGP**
6. **Dr. Abhro Mukherjee, TIU**
7. **Dr. Amitava Ghatak, TIU**
8. **Dr. Subrata Saha, TIU**
9. **Prof. Gautam Majumdar, ProVC, TIU & Mentor, ME Dept. TIU**

Apply Now!

Explore Your Path to Success

More Information:
- **coeamt@iitkgp.ac.in**