

National Institute of Technical Teachers Training and Research, Chandigarh
Department of Computer Science and Engineering

TAC No.	ICT-18
Name of the Course	AI for Future Workforce (in Collaboration with Intel) (20-24 July 2026)
Course Outcomes	<ul style="list-style-type: none"> • Understand AI project cycle, and analyze the ethical implications, biases, and regulatory frameworks surrounding AI technologies. • Apply Data Preprocessing techniques to prepare datasets for machine learning models. • Implement supervised and unsupervised learning algorithms to solve data modeling problems. • Identify and evaluate real-world AI use cases specifically within the agricultural sector.
Course Contents	<ul style="list-style-type: none"> • Introduction to AI familiarizes participants with basic AI concepts, applications, and the AI project cycle while addressing critical issues like ethics, bias, and regulations. • ML concepts, Python-based applications, data acquisition, data modeling, and both supervised and unsupervised learning techniques. • AI for Agriculture focuses on AI applications in the agriculture sector, covering real-world use cases, low-code/no-code solutions, and guiding participants to develop responsible AI projects in agriculture.
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