Faculty Development Programme Report

One Week Faculty Development Programme (FDP)

AI for Future Workforce – Intermediate Level in Collaboration with Intel

Duration: 02 February 2026 – 06 February 2026

Organized by

Department of Computer Science and Engineering

Ajay Kumar Garg Engineering College, Ghaziabad

In Collaboration with

National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh

The Department of Computer Science and Engineering, Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad successfully organized a One Week Faculty Development Programme (FDP) on **"AI for Future Workforce – Intermediate Level in Collaboration with Intel"** from **02 February 2026 to 06 February 2026** in collaboration with **NITTTR Chandigarh & Intel** through ICT mode. The programme was designed to empower faculty members with emerging Artificial Intelligence technologies, modern AI tools, and industry-oriented applications that are shaping the future workforce.

The FDP witnessed enthusiastic participation from faculty members of AKGEC and other institutions. The sessions were conducted by eminent experts from NITTTR Chandigarh, providing participants with theoretical knowledge as well as practical exposure to AI-enabled technologies.

Objectives of the FDP

The primary objectives of the programme were:

- To introduce participants to the core concepts of Artificial Intelligence.
- To understand AI applications in education, research, and industry.
- To explore modern AI tools for improving productivity.
- To familiarize participants with Generative AI and future workforce requirements.
- To promote ethical and responsible use of AI technologies.
- To bridge the gap between academic curriculum and industrial expectations.

About NITTTR Chandigarh

The National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh is a premier institute under the Ministry of Education, Government of India. It conducts Faculty Development Programmes, Short-Term Courses, and training programmes aimed at improving technical education through innovative teaching methodologies and ICT-enabled learning.

Programme Highlights

- Five-day intensive Faculty Development Programme.
- Delivered through ICT-enabled online mode.
- Sessions by distinguished faculty members of NITTTR Chandigarh.
- Hands-on exposure to AI tools and emerging technologies.
- Interactive discussions, demonstrations, and practical learning.
- Certificate awarded to successful participants by NITTTR Chandigarh.

Day 1 (02 February 2026)
The programme commenced with an inaugural session introducing participants to the objectives of the FDP. Experts discussed the evolution of Artificial Intelligence, current trends, and the impact of AI on future workplaces. Participants were introduced to AI ecosystems and intelligent automation.

Day 2 (03 February 2026)
The sessions focused on Machine Learning fundamentals, supervised and unsupervised learning techniques, and practical AI applications. Demonstrations illustrated how AI models are developed and deployed.

Day 3 (04 February 2026)
The third day emphasized Generative AI technologies, Large Language Models, prompt engineering, and AI-assisted productivity tools. Participants explored various AI platforms and their educational applications.

Day 4 (05 February 2026)
Experts discussed ethical AI, responsible AI practices, data privacy, cybersecurity concerns, and AI governance. Practical examples highlighted the importance of transparency and fairness in AI systems.

Day 5 (06 February 2026)
The concluding sessions focused on AI implementation in education and research, future career opportunities, and emerging trends. The programme concluded with feedback, discussion, and guidance for continuous learning.

Resource Persons

The technical sessions were delivered by eminent Research Scientist of Intel and subject experts from **NITTTR Chandigarh**, possessing extensive experience in Artificial Intelligence, Machine Learning, Data Science, and Educational Technologies

Learning Outcomes

At the end of the programme, participants were able to:

- Understand AI concepts and emerging technologies.
- Apply AI tools for teaching, research, and professional work.
- Explore Generative AI platforms effectively.
- Understand ethical considerations in AI deployment.
- Identify future research opportunities in Artificial Intelligence.

Participant Feedback

Participants appreciated the well-structured sessions, practical demonstrations, and interaction with experts. The programme significantly enhanced their understanding of AI technologies and motivated them to integrate AI into teaching and research activities.

Conclusion

The One Week Faculty Development Programme on **"AI for Future Workforce – Intermediate Level in Collaboration with Intel"** was successfully conducted at Ajay Kumar

Garg Engineering College in collaboration with NITTTR Chandigarh. The FDP provided valuable exposure to contemporary AI technologies and future workforce requirements. The programme strengthened participants' technical competencies and encouraged continuous learning in Artificial Intelligence. The successful organization of the FDP reflects AKGEC's commitment to academic excellence, innovation, and professional development.


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