



Online Faculty Development Programmes

On

AI for Teaching and Learning

March 16-20, 2026

Organized by

Department of Computer Science and Engineering
Sant Longowal Institute of Engineering and Technology, Longowal, India
(Deemed-to-be University, Ministry of Education, Government of India)

About the Programme

Artificial Intelligence (AI) is rapidly transforming the teaching–learning ecosystem by enabling personalized education, intelligent content creation, automated assessment, and enhanced student engagement. The Faculty Development Programme (FDP) on “**AI for Teaching and Learning**” is designed to familiarize educators with the latest AI concepts, tools, and pedagogical approaches relevant to higher education. The programme emphasizes both theoretical understanding and practical application, enabling participants to effectively integrate AI-driven solutions into classroom teaching, curriculum design, and academic evaluation.

Objectives of the FDP

The primary objective of this FDP is to empower faculty members with the knowledge and skills required to adopt AI-enabled teaching practices. The programme aims to introduce participants to contemporary AI tools for lesson planning, content generation, assessment, and feedback; promote interactive and personalized learning environments; encourage innovation in pedagogy; and address ethical and responsible use of AI in education.

Programme Highlights

The FDP will include expert lectures, interactive discussions, and hands-on sessions focusing on AI applications in teaching and learning. Participants will gain exposure to AI-based educational platforms and tools that enhance classroom engagement, improve learning outcomes, and support data-driven decision-making in education. Real-world use cases and best practices will be discussed to bridge the gap between theory and practice.

Learning Outcomes

Upon successful completion of the programme, participants will be able to integrate AI tools into their teaching practices, design AI-assisted learning materials, develop innovative assessment strategies, and critically evaluate the ethical implications of AI in education. The programme will also help participants build confidence in using emerging technologies to enhance teaching effectiveness and student learning experiences.

FDP SCHEDULE

Monday to Friday (16.03.2026- 20.03.2026)

Session Timing: Session 1: 5.00PM to 06.30PM, Session 2: 6.30PM to 8.00PM

Target Audience

The FDP is intended for faculty members of engineering, science, and allied disciplines, research scholars, and academicians who are interested in adopting AI-driven approaches to teaching and learning. Educators seeking to upgrade their pedagogical skills in line with emerging educational technologies will particularly benefit from this programme.

About the Department

The programme is organized by the **Department of Computer Science & Engineering, Sant Longowal Institute of Engineering and Technology (SLIET), Longowal**, a premier institution dedicated to excellence in technical education, research, and innovation. The department actively promotes faculty development and capacity-building initiatives aligned with national educational objectives.

RESOURCE PERSONS

The resource persons constitutes of experts/faculty members from reputed institutions (India and foreign) and industries including NITs, IITs, JU, CU etc.

REGISTRATION & REGISTRATION FEES

- (i) No registration fees. (ii) The registration of participants will be done through a single link: <https://forms.gle/RDknYvj7wBTUCk5n6>

GENERAL INFORMATION:

An online test shall be conducted by coordinator at the end of the program. Digital certificates shall be issued to those participants who have attended the program with minimum **80%** of attendance and scored minimum **70%** marks in the test. A test shall be conducted (online) by coordinator at the end of the program.

MODE OF THE FDP

Online sessions will be conducted using Google Meet /Teams etc. The link and other necessary information will be shared.

Organizing Committee

Patron

Prof. Mani Kant Paswan, Director, SLIET

Convenor(s)

Dr. Birmohan Singh, Professor (CSE), SLIET

Dr. Manoj Kumar Sachan, Professor (CSE), SLIET

Dr. Major Singh Goraya, Professor (CSE), SLIET

Dr. Gurjinder Kaur, AsP (CSE), SLIET

Dean (Academics)

Prof. A.S. Shahi, Dean(Academics), SLIET

Chairman

Dr. Damanpreet Singh, HOD (CSE), SLIET

Coordinator(s)

Dr. Jagdeep Singh, AP (CSE), SLIET

Dr. Manminder Singh, AP (CSE), SLIET

ADDRESS FOR CORRESPONDENCE

Dr. Jagdeep Singh

Assistant Professor

Department of Computer Science and Engineering

Sant Longowal Institute of Engineering and Technology, Longowal, India

(Deemed-to-be University, Ministry of Education, Government of India)

Office: +91 1672 253320 | Mobile: +91 94587 29314