



Gujarat Technological University

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GTU-School of Management Studies

Report on One Day Seminar on 'AI-powered LMS' for Faculty Members

Date: 22/01/2025

Venue: GTU-School of Management Studies, Chandkheda, Ahmedabad

Introduction

A one-day seminar on "**AI-powered Learning Management Systems (LMS)**" was conducted on GTU-School of Management Studies on 22/01/2025, the seminar aimed at familiarizing faculty members with the latest developments in educational technology, specifically the integration of Artificial Intelligence in Learning Management Systems. The seminar was organized by GTU_SMS as part of its ongoing efforts to enhance digital teaching competencies and improve learner engagement through advanced technology.

Objectives of the Seminar

- To introduce faculty to AI-powered features in modern LMS platforms
- To demonstrate how AI can personalize learning paths for students
- To explore data analytics for tracking learner performance
- To enhance the teaching-learning process through automation and intelligent feedback systems
- To equip faculty with skills to adapt to next-generation educational tools

Technical Sessions

The seminar featured insightful technical sessions led by experts in educational technology:

Session 1: *Understanding AI in LMS*

An introductory session covering the fundamentals of Artificial Intelligence and how it is being embedded into LMS platforms like Moodle, Canvas, and Google Classroom.

Session 2: *AI Tools for Personalized Learning*

The speaker demonstrated how AI algorithms adapt to individual learning styles, recommend content, and automate assessments.

Session 3: *Data Analytics and Student Performance Tracking*

Faculty members were shown how AI can track student engagement, predict learning outcomes, and offer real-time insights for academic intervention.

Session 4: *Hands-on Demonstration*

Participants engaged in a live demonstration of an AI-powered LMS, exploring features like automated grading, chatbot integration, plagiarism detection, and intelligent content recommendations.

Interaction and Feedback

The seminar concluded with an open forum where faculty members interacted with the experts. Several questions were raised about implementation, customization, and privacy concerns of AI tools in educational environments. The session saw enthusiastic participation, and feedback collected indicated that the seminar was highly informative, relevant, and timely.

Conclusion

The one-day seminar proved to be a valuable learning experience for faculty members, offering exposure to emerging AI technologies in education. It empowered educators with knowledge and skills to integrate AI-powered LMS tools effectively in their teaching practices, thereby enhancing student engagement and academic delivery.

Glimpse of the Programme

