



Report on AIML & Devops Expert Lecture

Title: Report on AIML & Devops Expert Lecture

Date: 18th December 2025

Time: 10.30 am.

Venue: Classroom(201)

Participants: **Second Year Students (CO) from SIOT.**

An expert lecture on Artificial Intelligence, Machine Learning (AIML), and DevOps was conducted on 18th December 2025 at 10:30 a.m. in Classroom No. 201 for Second Year Computer Engineering (CO) students of SIOT. The program was organized with the objective of familiarizing students with emerging technologies and current industry practices.

The session began with an introduction to Artificial Intelligence, where the expert explained the concept of intelligent systems and their importance in today's digital world. Various applications of AI such as smart assistants, predictive analysis, and automation in industries were discussed to help students understand its practical relevance.

Further, the expert elaborated on Machine Learning, covering basic types such as supervised and unsupervised learning. The importance of data, model training, and evaluation was explained in a simple and understandable manner. Students were encouraged to develop analytical thinking and work on small projects to strengthen their understanding.

In the later part of the lecture, the focus shifted to DevOps, where the expert explained the need for collaboration between development and operations teams. Concepts like continuous integration, continuous deployment (CI/CD), version control, and automation were discussed along with a brief introduction to popular DevOps tools used in the industry.

The lecture was interactive, with students actively participating and raising questions related to learning paths, certifications, and career opportunities in AIML and DevOps. The expert shared valuable guidance on skill development and industry expectations.

Overall, the expert lecture was highly informative and beneficial. It helped students gain awareness about advanced technologies, motivated them to enhance their technical skills, and prepared them to face future challenges in the software industry.

Subject :



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