INTEGRAL UNIVERSITY

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Report on Two Day Workshop: MATLAB & Artificial Intelligence (AI)
1 message

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Brief Report
on
Two Day Workshop: MATLAB & Artificial Intelligence (AI)

Organised
by
Department of Electrical Engineering
in association with
Department of Mechanical Engineering and
Department of Electronics & Communication Engineering

The Department of Electrical Engineering in association with the Department of Mechanical Engineering and Department of Electronics & Communication Engineering, Integral University, Lucknow, organised a comprehensive two-day workshop on "MATLAB & Artificial Intelligence (AI)" on March 4–5**,** 2024. The workshop aimed to provide participants with insights into the integration of artificial intelligence techniques with MATLAB, a widely-used programming environment for engineering and scientific applications.

Day 1 Highlights:

The workshop commenced with an inaugural session graced by **Mr. Manoj Kumar**, a distinguished expert in artificial intelligence and MATLAB applications. Mr. Kumar elucidated the importance of AI in modern engineering practices and

highlighted its applications in various domains, including mechanical, electrical & electronic engineering.

The technical sessions began, covering the fundamental concepts of AI, machine learning algorithms, and their implementation in MATLAB. Participants were engaged in hands-on exercises to familiarise themselves with MATLAB's AI capabilities, exploring topics such as data preprocessing, feature selection, model training, and evaluation.

Day 2 Highlights:

The second day of the workshop delved deeper into advanced AI techniques and their application in real-world scenarios. Sessions focused on topics like neural networks, deep learning, and computer vision, demonstrating how MATLAB simplifies complex AI tasks through its extensive toolboxes and libraries.

Mr. Kumar conducted an interactive session where participants discussed case studies and practical challenges encountered in AI projects. His insights and expertise provided valuable guidance to attendees, enabling them to grasp intricate AI concepts and overcome implementation hurdles.

The workshop was attended by approximately 45 participants, including students and staff members of the Department of Electrical, Mechanical and Electronics & Communication Engineering at Integral University, Lucknow. The two-day workshop on "Artificial Intelligence (AI) with MATLAB" proved to be an enriching experience for participants. The event provided a platform for learning, collaboration, and skill enhancement in the burgeoning field of AI.

Glimpses:

Warm Regards,

**Dr. Mohammad Atif Siddiqui   Dr. P. K. Bharti   Prof. N. R.
Kidwai**

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