



# INTEGRAL UNIVERSITY, LUCKNOW

## Center for Career Guidance & Development

*Creating Possibilities.....Enabling Growth*

### Event Report

#### Seminar on: - Data Science and Artificial Intelligence

#### By Physics Wallah

The Data Science and Artificial Intelligence seminar conducted on **November 4th** by **Physics Wallah** in collaboration with the Center for Career Guidance and Development (CCG&D) aimed to demystify the complex realms of machine learning, artificial intelligence (AI), and data science. The primary learning objectives included understanding the fundamental concepts of AI, its applications, the future trajectory of the field, and the essential skills required for a successful career in data science. 185 students in total attended the seminar.

Hosted by Physics Wallah, an Indian multinational educational technology company headquartered in Noida, the seminar featured distinguished speakers **Mr. Abhishek Khattry** and **Mr. Nitin Verma**, Central Managers for Central Partnerships at Physics Wallah. The speakers commenced the session by providing an insightful overview of machine learning, elucidating its core principles, and shedding light on its pivotal role within the broader field of artificial intelligence.

The speakers delved into fundamental concepts of AI, emphasizing its transformative potential across diverse industries. They provided valuable insights into the mathematical and computational skills essential for aspiring AI enthusiasts, touching upon the significance of calculus skills in the context of AI applications. The seminar also underscored the pivotal role of programming tools, particularly Python and Java, in the practice of data science and AI.

The seminar introduced attendees to machine learning flutter, a dynamic concept that combines the principles of machine learning with an innovative approach. The speakers explored supervised learning, regressions, and data floods, providing a comprehensive understanding of these concepts that form the backbone of AI applications.

A significant portion of the seminar was dedicated to unraveling the intricacies of neural networks, deep learning, and artificial machine learning (AML). The speakers traced the historical development of these technologies, explaining their

present applications and predicting future trends. Attendees gained insights into how these concepts are interwoven with data science, contributing to the advancement of AI.



**Mr. Nitin Verma, Central Manager, Physics Wallah, making a presentation**

The seminar was efficiently coordinated by **Ms. Huma Iqbal** from CCGND. The targeted audience included **B Tech, Diploma**, pre-final, and final year students. The session concluded with an interactive question-answer round, where students had the opportunity to seek clarifications from the knowledgeable speakers.

The seminar equipped students with foundational knowledge about AI, data science, and machine learning. Attendees gained insights into the significance of mathematical and computational skills, programming tools, and emerging concepts like machine learning flutter. The session provided practical guidance on skills development and career paths in data science and artificial intelligence, ensuring a valuable and enriching experience for all participants.



**Students attending the session**