Department of Electrical and Electronics Engineering

Report

The Department of Electrical and Electronics Engineering organized an insightful expert lecture on **"Machine Learning and Its Application: Classification"** on **September 28, 2024**, delivered by **Dr. Meena Tushir**, Professor and Head of the EEE Department at **MSIT**. This lecture marked the **second talk** in the ongoing series on "Machine Learning and its Applications," where **Dr. Tushir** continued to share her extensive knowledge and experience in the field.

In her presentation, Dr. Tushir delved deeper into classification algorithms like **K-Nearest Neighbors (KNN)**, **Naive Bayes**, and **Random Forests**, discussing their strengths, limitations, and suitability for various applications. She also touched upon advanced topics such as **model evaluation techniques**, including **cross-validation** and **confusion matrices**, providing attendees with a comprehensive understanding of how to assess the accuracy and performance of machine learning models.

The lecture also highlighted current trends and innovations in machine learning, including **AI ethics**, **bias in algorithms**, and the role of **big data** in enhancing classification accuracy. Dr. Tushir encouraged students and researchers to explore these cutting-edge areas and stay informed about the latest advancements. The event concluded with an interactive Q&A session, where Dr. Tushir addressed participants' questions, offering valuable insights and recommendations for those aspiring to work in machine learning.

New Delhi,DL,India
Janakpuri, New Delhi, 110058, DL, India
Lat 28.621171, Long 77.092538
09/28/2024 09:38 AM GMT+05:30
Note : Captured by GPS Map Camera

New Delhi,DL,India
Janakpuri, New Delhi, 110058, DL, India
Lat 28.620993, Long 77.092602
09/28/2024 09:39 AM GMT+05:30
Note : Captured by GPS Map Camera