# Maharaja Surajmal Institute of Technology
# Department of Electronics and Communication Engineering
# Report on Expert Lecture "Deep Learning"

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| Name of the Expert: | Prof. Kavita Khanna<br>Professor in Computer Science & Engineering<br>Director (Admissions & Examinations)<br>South Asian University, Delhi |
| Date and Time | 15-04-2026, 11am-12 Noon |
| Target Audience | B.Tech 2nd and 3rd year ECE students |
| Total Students | 102 |
| Organised By | Dr. Shaifali M. Arora, Associate Prof., ECE Department |

On April 15, 2026, the Department of Electronics and Communication Engineering (ECE) at Maharaja Surajmal Institute of Technology (MSIT) successfully organized an expert lecture on Deep Learning. The session was delivered by Prof. Kavita Khanna from South Asian University and coordinated by Dr. Shaifali M. Arora**.**

The primary objective of the lecture was to provide students with a comprehensive understanding of deep learning concepts and their practical applications in modern technology. With the rapid advancement in artificial intelligence and data-driven systems, the session aimed to familiarize students with emerging trends and equip them with relevant knowledge for academic and professional growth.The lecture witnessed enthusiastic participation from around 102 students of 2nd and 3rd year ECE**.** Prof. Khanna began the session by introducing the fundamentals of deep learning and emphasized the significance of deep learning in areas such as image processing, natural language processing, and intelligent systems.

One of the highlights of the session was her ability to simplify complex topics and present them in an easily understandable manner. Through clear explanations and relevant examples, she ensured that students could grasp the core ideas effectively. The interactive nature of the lecture encouraged students to ask questions and actively engage in discussions.

The lecture proved to be highly informative and beneficial, enriching the knowledge of students and motivating them to explore the field of deep learning further. The department expresses its sincere gratitude to Prof. Kavita Khanna for her valuable time, insightful session, and significant contribution.