

Day 4 of AICTE ATAL Sponsored FDP on Artificial Intelligence and Robotics

Rohtak, Haryana, India – November 30, 2023

The fourth day of the AICTE ATAL sponsored Faculty Development Programme (FDP) on Artificial Intelligence and Robotics was held at the UIET Rohtak conference hall on November 30, 2023. The day began with an insightful session by Prof. Ashish Shrivastava from Shri Vishwakarma Skill University Palwal on the topic of “Self-Tuning Fuzzy Controller for Sun Tracker System Using Gray Wolf Optimization (GWO) Technique”.

In his session, Prof. Shrivastava discussed the concept of fuzzy control systems and their applications in solar tracking systems. He then introduced the Gray Wolf Optimization (GWO) technique, a bio-inspired optimization algorithm, and explained its application in designing a self-tuning fuzzy controller for sun tracking systems. The session concluded with a discussion on the experimental results and the potential applications of the proposed technique.

The second session of the day involved an industrial visit to MSME Rohtak, where the participants gained hands-on experience with ESM machines, PLCs, and other technologies. They were given a tour of the facility and interacted with industry experts to understand the latest trends and developments in the field.

The final session of the day was conducted by Dr. Gurdiyal, who delivered a thought-provoking talk on the interconnectedness of renewable energy, climate change, and global warming. He discussed the challenges and opportunities associated with the transition to renewable energy sources and emphasized the need for sustainable practices to mitigate the effects of climate change.

The FDP participants actively engaged in all the sessions and expressed their appreciation for the valuable insights they gained. The FDP has been a significant platform for enhancing the knowledge and skills of faculty members in the field of artificial intelligence and robotics.

About the FDP

The AICTE ATAL sponsored Faculty Development Programme (FDP) on Artificial Intelligence and Robotics is a week-long program designed to equip faculty members with the latest knowledge and skills in the field of AI and robotics. The program is being held at UIET Rohtak from November 27 to December 2, 2023.







TRAINING BLOCK











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