Dr. AKHILESH DAS GUPTA INSTITUTE OF PROFESSIONAL STUDIES
FC-26, SHASTRI PARK, NEW DELHI.

Department of Artificial Intelligence and Machine Learning

Dated: 15/10/2024

REPORT

Robotics Exhibition

Date of Event: 14th October - 15th October 2024

Venue: Ground ADGIPS

Objectives: To enable students to gain insights into various aspects of robotics.

Speaker: Pradipta Shanu (AIML)

Activities: Robotics Exhibition

Key Takeaways:

• Awareness of different types of drones, including fixed-wing, quadcopters, and T-type tricopters.
• Understanding of technical aspects of building and operating both aerial drones and rovers.
• Hands-on overview of how hardware and software integrate in autonomous vehicles.

Description: The Department of AIML participated in the Tech Fest held on 14th -15th October 2024, where Pradipta Shanu and his team from AIML showcased an impressive array of drones and a rover to the entire campus, including the campus Directors. Their presentation focused on the design, functionality, and applications of various types of drones and rovers, offering valuable insights into the growing field of robotics and autonomous systems.

Participants and attendees had the opportunity to interact with the team, gaining knowledge on the working principles of drones and rovers. A Q&A session allowed for further discussion, with a live demonstration of drone flights and rover operations offering practical insights. The event successfully showcased the potential of robotics and AI-powered technologies in shaping future innovations.

Outcomes: 123 students along with 8 faculty members benefited from the event.

Beneficiaries: AIML and ADGIPS students.

Photographs of event with title: Robotics Exhibition

Ms. Sadaf Fatima
Ms. Shuchi Sharma   Prof. (Dr.) Ankit Verma
Event Organizer   **Head of Department**