

Workshop On “Robotics with Machine Learning”

The department of CSE has organized a Workshop On “Robotics with Machine Learning” on 30th Aug 2024 from 11:00 AM onwards in AI Lab, JIMS, Greater Noida. Mr. Devansh Raghav CTO JKSD infotech pvt. Ltd. delivered the Session on Machine learning and robotics. He is mastery of programming languages such as C, C++, Java, and Python, coupled with his proficiency in robotics, IoT, and applied electronics, has earned him a stellar reputation. His contributions extend beyond the classroom, participated in over 30 seminars, workshops, and international conferences on cutting-edge topics like machine learning, cyber security, and digital marketing. The lecture aimed to delve into the intricate realm of AI, focusing particularly on the significance of Machine learning and Robotics.

The event on "Robotics with Machine learning" was a resounding success, with students gaining valuable insights into the structured approach to robotics and machine learning. The event not only provided a clear learning path but also motivated students to commit to consistent practice and problem-solving using Artificial intelligence and Machine Learning. The event was a significant step in helping students prepare for technical interviews, hackathons and competitive programming challenges. In conclusion, Machine Learning is transforming robotics and opening up new frontiers in automation. ML algorithms enable robots to learn, adapt, and perform complex tasks with precision. The applications of ML in robotics span various industries, from manufacturing to healthcare and autonomous vehicles. While challenges exist, continued research and development will overcome these hurdles and pave the way for a future where intelligent robots work alongside humans, improving efficiency, safety, and overall quality of life. The incorporation of ML in robotics presents vast possibilities. With the progression of technology, robots will evolve into more intelligent entities, adopt at learning from limited data and adjusting to novel circumstances. The realization of collaborative robotics, where humans and robots seamlessly collaborate, will become feasible. ML will empower robots to comprehend human intentions, anticipate requirements, and offer customized assistance.

