



## Department of Artificial Intelligence



Artificial intelligence (AI) is based on the philosophy of thinking and acting rationally. It is concerned with the creation of systems that display human cognition-like behaviors, such as sensing, learning, interacting, analyzing, decision-making, and responding in a physical and social context. Machine learning, Generative AI and Natural Language Processing, Computer Vision, Robotics, and Cyber-Security are among the key areas of Artificial Intelligence curriculum at Amity University.



The curriculum of B. Tech (Artificial Intelligence) and M. Tech (Artificial Intelligence) has been designed with the inputs from various IITs, reputed institutions, industries and international universities covering all current and next generation technological topics and courses as required by the automotive, electronics and IT industries. Students are groomed, through a very interactive pedagogy, to take up positions in public & private Industry, research organization & higher education.

All our faculty and students collaborate extensively both within and outside of the institution, contributing to the field of medical, public safety, law, media, and other fields. The course incorporates several research-based applications of AI in multiple streams of Engineering and Technology like Mechanical, Electrical, Electronics and Civil Engineering.

## OUR MISSION

To create an innovative curriculum that can produce high-quality graduates with enhanced knowledge base and abilities of artificial intelligence to meet the society's evolving requirements. To maintain an extraordinary faculty committed to excellence in teaching and learning at undergraduate and postgraduate level that can contribute to national advancement through high-quality research and publications.

Department of Artificial Intelligence provide a state-of-the-art facility and a strong focus on industry and research and provide students numerous opportunities to engage in hands-on learning and make a meaningful impact in their fields of study. In addition to a rigorous academic curriculum, the University also provides a wide range of extracurricular activities and resources to support the personal and professional growth of its students.

Sarthak Agarwal  
B. Tech (AI)  
Amazon SDE Intern  
Shell placed

## PLACEMENT



## MESSAGE FROM THE HEAD OF DEPARTMENT

AI is a brave new world, transforming the perception and functions of the industry, government, social interactions, and research. We welcome you to create and collaborate with Artificial Intelligence. We provide a coherent curriculum that defines and strengthens the basics and innovates along with the latest trends. Our curriculum is aligned with the industry 4.0 trends. The project based learning and hands-on experience given by research projects and internship enriches the hands-on experience of students. Students are encouraged to participate in hackathons, extracurricular activities and organizes events, I am proud to say that our department prioritizes education, training, research, and holistic development of the students.

Dr. Archana Singh,  
Head of Department,  
Department of Artificial Intelligence, Amity

