

TALWAR COLLEGE OF ENGINEERING AND COMPUTER SCIENCES

PROGRAM LEAD

Dr. Naga Aditya Musunuri

Dr. Musunuri has over six years of teaching experience in the field of mechanical engineering and his research interests are optical measurement techniques and flow visualization techniques in the area of fluid dynamics. He is the advisor for the university's ASME (American Society of Mechanical Engineers) chapter, and a member of the Central Indiana Section (CIS-ASME), the scientific research honor society, Sigma XI, and the American Society for Engineering Education (ASEE).

- Ph.D., Mechanical Engineering, New Jersey Institute of Technology
- M.S., Mechanical Engineering, New Jersey Institute of Technology
- B.S., Mechanical Engineering, Jawaharlal Nehru Technological University, India

CONTACT

Office of Admissions

admissions@indianatech.edu

260.422.5561

admissions.indianatech.edu

Mechatronics and Robotics Engineering, B.S.

ind.tc/child-development-bs

Indiana Tech's Bachelor of Science in Mechatronics and Robotics Engineering integrates mechanical, electrical and computer engineering in the design of products and manufacturing processes. Mechatronics and robotics engineering revolves around the design, construction and operation of automated and robotics systems, which result from the integration of software and hardware. As automation and autonomous machines become increasingly important in our society, so does the need for professionals who are proficient in this discipline. As such, mechatronic and robotics engineers are needed in a wide range of fields including manufacturing, construction, aerospace and telecommunications.

Why Choose Indiana Tech?

- You will be well-skilled in the hands-on application of robotics technology, which is prevalent in a wide range of industries.
- You will learn to work effectively in collaborative environments and are prepared to step into leadership roles.
- Northeast Indiana, Indiana Tech's home, has a growing need for mechatronics professionals, according a 2021 university study. Of 19 regional employers surveyed for the study, 84 percent anticipate hiring between one and 15 mechatronics professionals over the next five years, while 11 percent will hire between 15 and 50.
- Indiana Tech fosters an active learning environment, enriched by instructors who possess years of experience in their respective fields.

Career Outlook

A B.S. in Mechatronics and Robotics Engineering from Indiana Tech prepares you for a wide variety of in-demand careers. Below, you can explore career fields, salary information and employer demand from our partners at Lightcast, the leading labor market and career data provider in the U.S.