A **robot** is a machine that uses controls or a programme to complete difficult tasks. Today, robots undertake a variety of tasks that were formerly handled by humans, such as constructing automobiles, appliances, and gadgets, as well as completing surgery. The ultimate goal is to eliminate manual labour and boost overall productivity, speed, and performance. However, things have altered dramatically in recent years. Robotics is a fantastic career option because Artificial Intelligence has long been a fascination for the human race.

Robotics engineering is an interdisciplinary branch of research that deals with robot concepts, manufacturing, design, and operation. Robotics engineering has a number of advantages, including faster production, higher quality, lower costs, improved customer satisfaction, and so on. The automation sector will grow in the future, and it will be critical for large-scale employment development.

Robotics Engineering is an interdisciplinary program that includes Mechanical, Electrical, Electronics, Computer science, Artificial Intelligence and Machine learning, control, and Instrumentation.

Who can opt for BE in Mechanical or E&TC in Robotics Engineering?

Aspirant students should apply if they have a strong interest in the automation and mechanical aspects of machines, as well as creating, studying, and building new robots for a variety of applications. Applicants who have knowledge of programmable logic controllers, mechanical structure design and programming, and other related areas will do well in the course.

Engineers who complete the **Mechanical or E&TC in Robotics** programme have the knowledge and abilities to work in a wide range of engineering jobs in both the public and commercial sectors.

What Mechanical or E&TC in Robotics Engineers do?

Mechanical or E&TC in Robotics Engineers create and build robots, as well as mechanical and software solutions for automating jobs that people find difficult or impossible to complete.

- Designed to create robots.
- Improve productivity by automating operations.
- Advanced robotics technology research.
- Come up with novel methods to incorporate automation into daily life.
- Create Artificial Intelligence algorithms and systems.

Where Mechanical or E&TC in Robotics Engineers work

- Robotics companies
- Manufacturing industries
- Transportation and logistics
- Defence and military companies
- Aerospace and space industries
- Artificial Intelligence industry
- Automobile industry
- Space exploration
- Petroleum exploring places
- Enterprise like ISRO, DRDO

Robots are the future!! Robots are everywhere!!

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