

What is Mechatronics Engineering?

Mechatronics is a multi-disciplinary field that refers to the skill sets needed in the contemporary, advanced automated manufacturing industry. At the intersection of mechanics, electronics, and computing, mechatronics specialists create simpler and smarter systems.



Roles and responsibilities of Mechatronics Engineer

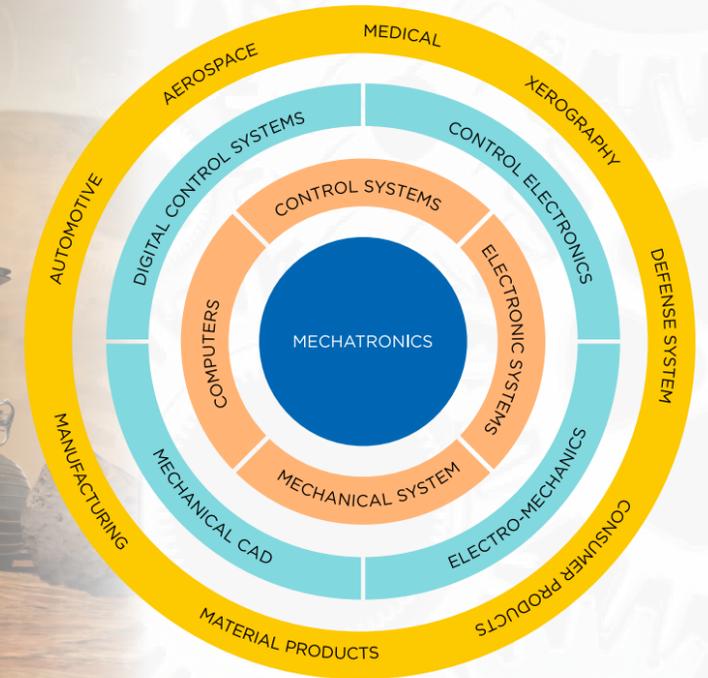
- Use mechanical, computer and/or electronic technology to develop solutions to problems.
- Improve existing production processes by implementing automation.
- Develop and build various products related to mechanical and/or electrical needs.
- Study the viability of current and new mechatronic equipment.
- Apply control systems that improve product performance.
- Conduct simulation and modeling of engineering systems.

Why Mechatronics Engineering @ KPRIET?

- Outstanding Infrastructure and State of art laboratories
- World Class Centre of Excellence for Robotics and Automation in collaboration with Lucas-Nuelle, Germany with an investment 40 million USD.
- World Class Centre of Excellence for Field level Automation, Industrial Automation and Smart Home and Building Automation in collaboration with leading MNC's.
- Well qualified and Multi-disciplinary faculty expertise
- Outcome Based Education: Curriculum, Teaching - learning and assessment to meet the industry 4.0
- Choice based Credit system
- Distinguished Centres for skill development
- Internship with Stipend and Skill Development Programme in association with leading industries
- Excellent placement records in Core/IT > 90% consistently
- Personal attention through Mentor - Mentee system (1:15)
- Tie-up with universities abroad - Students and faculty exchange
- Foreign languages training - Japanese, German, French

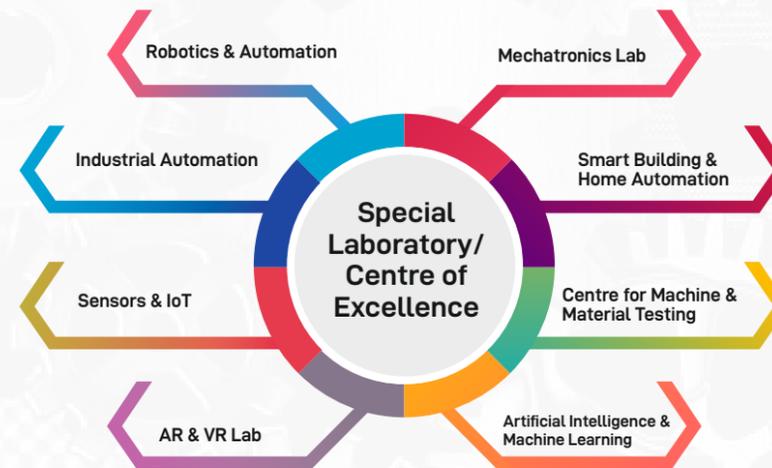


Mechatronics Engineering Expertise Areas



The career prospects of Mechatronics Engineer

Manufacturing Industry
Robotics
Aerospace
Industrial and Building Automation
Computer - Aided Design
MEMS and Nanotechnology
Electronics
Defence
Bio Medical System
Oil and Gas Industry
IT Industry
Engineering Services



Industry Institute Partnership



Centres & Cells @ KPRIET

CAC | CFAC | CIED | CIPR | CFRD | CFTIE | CEP | EOC | IIPC | IEC | KPR MC | OAR | OIR | CDC | WEC

Club House @ KPRIET

