# **Testimonial**



#### Arun Damodaran, Founder & CEO, AAtek GmbH, Langen ,Germany.

Though analogously 'Mechatronics' had been derived from the Classical Engineering curriculum, in my definition it is the modern form of Mechanical faculty inherently combined with Electronics to realize any form of 'Motion'. This inculcates the fact that Mechatronics education will play a very vital role in the development of New Trends in the 4th Generation Smart Industries along with Machineries and Robotics of the future. The Mechatronics curriculum along with the Talented & experienced Faculties, I am sure that the Technology-driven Management of KPR Group and KPRIET will drive the students to their best to face the fast-moving World.

# Centres of Excellence



BOSCH Invented for life



Red Hat



virtusa









# Top Recruiters















SANDVIK







BYJU'S







ZOHO

and many more...

# **KPR IAS Academy**

Institute for **UPSC Exams** 













kpriasacademy.in

#### Facilities @ KPRIET

HARJI LAB





# **MECHATRONICS ENGINEERING**



Learn Beyond

**KPR** Institute of **Engineering and Technology** 

(Autonomous, NAAC "A")

#### THE KPR GROUP















### 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.

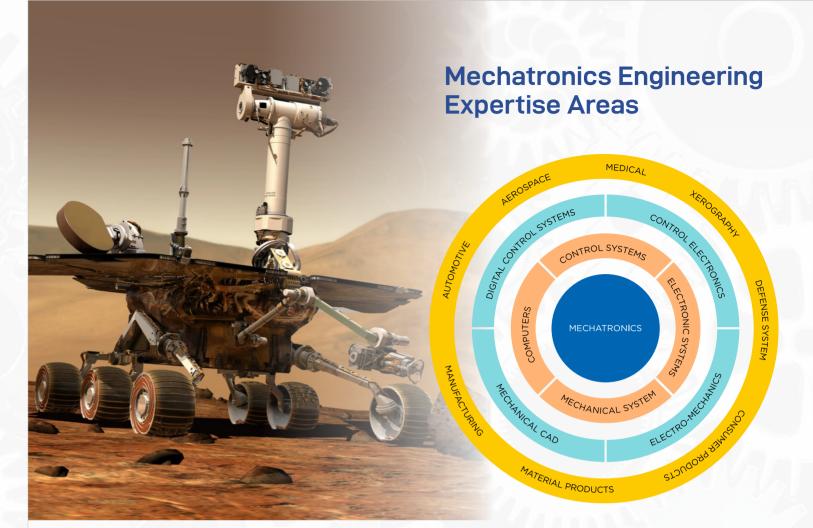
## Great Place То Work. Certified

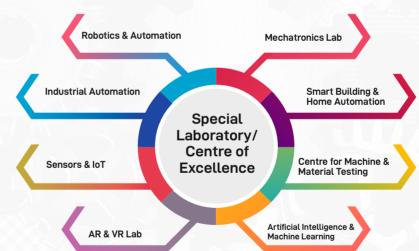
### Roles and responsibilities of Mechatronics Engineer

- 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 aboard - Students and faculty exchange Foreign languages training - Japanese, German, French ......





#### **Industry Institute Partnership**











#### **Club House @ KPRIET**

**Engineering Services** 

**Bio Medical System** 

Oil and Gas Industry

The career prospects of

**Mechatronics Engineer** 

**Industrial and Building Automation** 

Manufacturing Industry

Computer - Aided Design

**MEMS and Nanotechnology** 

Robotics

Aerospace

**Electronics** 

**Defence** 

IT Industry











Centres & Cells @ KPRIET

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