

Mechanical Engineering

Importance of the course

Mechanical engineering is an evergreen field since it is the only branch of engineering which is immune to the impact of economic recession. Presently, with the broadening of scope and technological advancement, the prospects of mechanical engineering are extending beyond geographical peripheries. . Students who complete mechanical engineering have a plethora of opportunities in the areas of aerospace, automobile, chemical manufacturing plants, railway coach factory, oil exploration, research and development, among others. In recent times and owing to the advent in technology, the skills and expertise of a mechanical engineer are required in domains such as robotics, biomedical, nanotechnology, AI, energy conservation and more. The growth in this industry within the next few years will be immense, and mechanical engineering will be the highest-paid career option.

Placement Details

<i>S.No</i>	<i>Academic Year</i>	<i>No.of Students placed</i>	<i>No.of Companies visited</i>	<i>Average salary package</i>
1	2020	80	9	3.5 LPA
2	2019	131	15	3 LPA
3	2018	75	15	3 LPA

Student's testimonials

B Hanuma Reddy B.Tech ME, Class of 2009, AEE Irrigation Dept, GOVT of AP



I am fortunate enough to complete my B.Tech Mechanical from GPREC, I have learnt many things during my course of study, immense subject knowledge of faculty is obviously a unique factor for ME dept at GPREC. I worked for Mahindra & Mahindra and my passion to serve in government service lead me to join as AEE in Irrigation department of AP Govt. I also secured AIR 300 in GATE 2009 this happened with the effective utilization of central library available at GPREC. All I can say is dedication towards dream and proper utilization of resources will make us successful.

Raviteja Talluri B.Tech ME, class of 2012, CAE Analyst John Deer Tractors



GPREC not only imparts technical knowledge but also imparts moral values. Studying Mechanical engineering in GPREC changed my life to a greater extent. My childhood dream is to design automobiles and GPREC made my dream come true and I am now working as Design and CAE engineer for **John Deer Tractors**. I have completed B.Tech and joined as design engineer in a small company and from there I pursued my PG and joined into **Ford Motors** and my journey continues. All I can say is I am fortunate to study Mechanical at GPREC.

L Srikanth , B.Tech Class of 2019, Research Engineer at Hyundai



I feel very happy and proud to be graduated from a reputed Engineering college, GPREC. It not only provided me technical knowledge and also made me to get fit in society with human values. GPREC is the best platform I got to discover myself in all aspects. It is every one dream to get a core job, but my dream has been fulfilled by the support I got from my college, I got placed in three core (Mechanical) jobs - HYUNDAI R&D, TRIVENI TURBINES and CYEINT. Currently I am working as a RESEARCH ENGINEER in HYUNDAI R&D, and the things I learnt from my college are the steps to my career growth.

Career path for Mechanical Engineers

Technically, mechanical engineering is the application of the principles and problem-solving techniques of engineering from design to manufacturing to the marketplace for any object.

Mechanical engineers analyze their work using the principles of motion, energy, and force—ensuring that designs function safely, efficiently, and reliably, all at a competitive cost

Every product we use has a touch of mechanical engineering in it to serve the humankind. Whether it is healthcare, climate change, energy or transportation, mechanical engineers design and develop components or machines to create sustainable solutions for challenging problems of today. For a successful career in mechanical engineering, you need to be technically sound and creative to shape any idea into reality.

Some well known career paths for Mechanical Engineers

Government Jobs, Jobs in PSU's Mechanical Engineer, Aerospace Engineer, Nuclear Engineer, Maintenance Engineer, Production Engineer, Marine Engineer.