

## **What is Mechanical Engineering?**

One of the most popular and the oldest disciplines of engineering, Mechanical Engineering is the stream where an individual gets a chance to create mechanical systems that can bring substantial change in the life of all humankind. Technically, this field involves different principles of physics, mathematics, apart from engineering.

## **Who should opt for Mechanical Engineering?**

Choosing any field of engineering must be done on the basis of its demand in the industry and the interest of the individual. If someone is more into applying the knowledge in the designing, analyzing, manufacturing, and maintenance of mechanical systems, then they must straight away select mechanical stream as an engineering student. Having said that, if anyone is not having the zeal to unfold the skills in Mechanical Engineering field then, they have many other potent alternatives, such as computer science engineering, electronics and communication engineering, Information and Technology Engineering, etc.

## **What makes Mechanical Engineering popular choice?**

The career scope of mechanical engineers is quite broad as this field includes umpteen types of work. Whether it is designing of power-using machines like a refrigerator or power-producing machines, like electric-based generators, the engineers with the mechanical background can execute all these works in an efficient way. In addition to this, the engineers with MEC E degree also get the chance to show their skills in designing other machines that are used in building construction industry, such as elevators, escalators and even conveyor systems. Interestingly, mechanical engineers also execute their work by using computers extensively, thereby applying the latest computer technology in developing and analyzing designs, running simulations and testing the interaction of connected systems in a machine. Furthermore, engineers with mechanical background are routinely responsible for the integration of sensors, controllers, and machinery.

## **Job Prospects for Mechanical Engineer**

The job options are in abundance for graduates in Mechanical Engineering and so one can expect good remuneration after completing the course. Despite saying this, it is important to stress on the reality that without proper skills and relevant knowledge in the field in, getting absorbed in the industry is not possible. One needs to ensure that they attain the desired skill set, which meets the industry requirement. Designation of the individual also plays a crucial role in determining their pay scale. Technically, a passed out Mechanical Engineering student gets the following types of job profiles to serve in a company:

### **Engineering Product Tester**

A person who holds the position of Engineering Product Tester keeps a regular check on all the devices and tools used in the industry. This job is always in demand and after becoming a mechanical engineer, anyone with knowledge can serve this profile.

### **Project Engineer**

Project Engineer is a highly responsible job profile and the main thing needed here is an absolute sense of innovation. The main work is to lead the project and ensure its development

in an impeccable way. The professionals serving this position also need to keep a regular check on the progress of the project as well as look into the concealed problems.

## **Manufacturing Engineer**

Mechanical Engineers working on this profile have to look for the ways to improve the overall process of manufacturing for optimal utilization of the resources. Precisely, the person on this position analyses the quality and safety of the product manufacturing unit.

## **Design Engineer**

A Mechanical Engineering graduate can also hold the position of a design engineer. The only thing they need to do is to opt for two courses on designing, as this job is profusely about designing the shapes and sizes of automobiles. Anyone with a touch of creativity can look forward to this post after completing their Mechanical Engineering course.

## **Development Engineer**

The job of a development engineer is to develop a product design meeting the strategic goals of the client or the company working for. Further, the professionals also look after the working procedures of lead testing as well as outlining the specifications for manufacturing.

## **Conclusion**

Mechanical Engineering is a stream that requires a passion for analytical thinking and anyone possessing this skill can choose B-tech in ME confidently. The perfect way to attain knowledge, skills, and exposure in this field is to join a college of engineering which offers best career opportunities. So, all those interested in pursuing courses in [Mechanical Engineering](#) must select the [Chandigarh Group of Colleges](#), Landran, as this is the place where top-notch education in the technical field is provided.