



## **About Mechanical Engineering-**

Mechanical engineering is one of the core and broadest engineering disciplines offering students a wide range of career choices; its strong and broad technical foundation provides opportunities in both engineering practice and scientific research as well as non-engineering fields such as business, law or medicine.

## **Role of a Mechanical Engineer-**

Traditionally, mechanical engineers have to deal with concepts such as mechanics, thermodynamics, robotics, kinematics, structural analysis, fluid mechanics and many others. These concepts are applied in the process of designing state-of-the-art manufacturing units, different types of motor vehicles, aircraft and aerospace parts and a vast assortment of industrial machinery. Mechanical engineers also contribute in the development of various engines, power plant equipment, heating and cooling systems and other simple and complex machinery. Mechanical engineers not only design new mechanical systems but they are also responsible for testing, maintaining and manufacturing them.

## **About MEA in Parthivi-**

Mechanical Engineering Association aims to maintain the high level of interaction existing between the students and the faculty members. Apart from this, it organizes technical sessions, workshops and contests through a close tie-up with the industry. It also assists in managing the resources and labs of the department.

MEA, the Mechanical Engineering Students' Association of Parthivi College of Engineering and Management, Bhilai-3, aims to play a pivotal role in the development of students as engineers by various out-of-curriculum and extra curricular activities. MEA aims to inculcate among its members an awareness and appreciation of the various disciplines of not just Mechanical Engineering but also other relevant fields. By way of its activities MEA aims to be a platform for all the students of Parthivi College of Engineering and Management, Bhilai-3, in general and particularly of the students of Mechanical Engineering department.

#### M.E.A Group Member

Faculty Head: Mr akram khan (Mechanical Engg. Deptt.)

President : Ajay pratapsingh

Vice president :Sandeepathore

Cultural Head :Akshaytiwari

Academic activity Head :Sourav Mukherjee

Treasurer Head :Aakash



# Mechanical Engineering Association



**Parthivi College Of Engineering & Management**