

Department of Mechanical Engineering

B.Tech Mechanical Engineering

Student Outcomes

The main objective of the B.Tech in Mechanical Engineering Program is to provide a Periodically-updated curriculum. sothat, following the completion of the program and with a few years of experience, our alumni will have the expertise to:

a.	an ability to apply knowledge of mathematics, science, and engineering
b.	an ability to design and conduct experiments, as well as to analyze and interpret data
c.	an ability to design an system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability
d.	an ability to function on multidisciplinary teams
e.	an ability to identify, formulate and solve engineering problems
f.	an understanding of professional and ethical responsibility
g.	an ability to communicate effectively
h.	the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context

i.	a recognition of the need for, and an ability to engage in life-long learning
j.	a knowledge of contemporary issue
k.	an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice