

## What Mechanical Industry demands...

**Strong Fundamentals of Mechanical Engineering**

**Good Commands on Practicals**

**Soft Skills & Etiquettes**

## How we fulfill the demands...



**GTU Syllabus**

**Skill Development Activity**

**Our Culture @**



Sem	Subjects as per GTU Syllabus	Training	Environment
III	<ul style="list-style-type: none"> <li>Kinematics of Machines</li> <li>Engineering Thermodynamics</li> <li>Material Science &amp; Metallurgy</li> <li>Mechanics of Solids</li> <li>Manufacturing Processes - I</li> </ul>	<ul style="list-style-type: none"> <li>AutoCAD 2D &amp; 3D Essential</li> <li>Various Flow &amp; Temperature Measurement Techniques</li> <li>Destructive &amp; Non Destructive Testing</li> </ul>	Motivational Talk, Technical Comm. & Personality Development
IV	<ul style="list-style-type: none"> <li>Fluid Mechanics</li> <li>Machine Design &amp; Industrial Drafting</li> <li>Manufacturing Processes – II</li> <li>Mechanical Measurement &amp; Metrology</li> </ul>	<ul style="list-style-type: none"> <li>Creo Parametric Essential</li> <li>Hands on Measuring Instruments</li> <li>Hands on Welding &amp; various Machine Tools like Lathe, Milling, Shaper, Slotter, etc.</li> </ul>	Basic Value & Ethics, In house Training and Development of Core Mechanical Skills
V	<ul style="list-style-type: none"> <li>Theory of Machines</li> <li>Fluid Power Engineering</li> <li>Design of Machine Elements</li> <li>Control Engineering</li> <li>Heat Transfer</li> </ul>	<ul style="list-style-type: none"> <li>Creo Parametric Advanced</li> <li>HTRI Xchanger Suite</li> <li>MS Office Suite</li> </ul>	Professional & Comprehensive Software Skills, Regular Industrial Visits
VI	<ul style="list-style-type: none"> <li>Dynamics of Machinery</li> <li>Internal Combustion Engines</li> <li>Computer Aided Design</li> <li>Industrial Engineering</li> <li>Refrigeration and Air-conditioning</li> <li>Production Technology</li> </ul>	<ul style="list-style-type: none"> <li>Installation, Maintenance &amp; Troubleshooting of Air-Conditioner</li> <li>Testing of IC Engine</li> <li>Press Tool Die Design</li> </ul>	Troubleshooting of appliances used in Day-to-Day life, Summer Industrial Internship
VII	<ul style="list-style-type: none"> <li>Project Phase- I</li> <li>Operation Research</li> <li>Computer Aided Manufacturing</li> <li>Machine Design</li> <li>Power Plant Engineering</li> <li>Oil Hydraulics and Pneumatics</li> </ul>	<ul style="list-style-type: none"> <li>Finite Element Analysis</li> <li>Computer Aided Manufacturing using CNC</li> <li>Automation in Mechanical System using Pneumatics</li> </ul>	Students Learn Commercial Aspects e.g. Costing, Cycle Time Evaluation, Tooling Requirements etc...
VIII	<ul style="list-style-type: none"> <li>Project Phase- II</li> <li>Renewable Energy Engineering</li> <li>Rapid Prototyping</li> </ul>	<ul style="list-style-type: none"> <li>Additive Manufacturing Process using 3D Printer</li> <li>Group Discussion &amp; Mock Interview</li> </ul>	Evaluation of Skills Learnt Throughout Study

» As per guidelines of the AICTE, all the universities of India are updating syllabus of engineering effective from 2018-19.  
 » GTU is also implementing model syllabus provided by the AICTE from 2018-19.

# Placement @ glance

## Mechanical Engineering

 Total Students
 Interested in Placement
 Placed Students
 Placed Percentage
 Average Salary per Year

2019	2018
72	122
44	84
44	80
100%	95.24%
1.48 Lakh	1.28 Lakh

*We do not encourage marketing, finance or non-technical jobs.*



### Top Recruiters

