

**Birla Institute of Technology & Science Pilani, Rajasthan**

**M.E. Mechanical Engineering**

Semester wise pattern for students admitted to Higher degree program - M.E. Mechanical Engineering :

<b>Year</b>	<b>First Semester</b>	<b>Second Semester</b>
1	<b>Finite Element Methods</b> <b>Quality Control, Assurance and Reliability</b> <b>Mechanisms and Robotics</b> Elective	<b>Computer Aided Analysis and Design</b> Research Practice Two Electives
2	<b>Theory of Elasticity and Plasticity</b> <b>Machine Tool Engineering</b> Two Electives	Practice School Or Dissertation

**Elective Courses offered:**

Non Destructive Testing, Design Projects, Supply Chain Management, Dynamics and Vibrations, Introduction to MEMS , Computational Fluid Dynamics, Heat Transfer, Advanced Engineering Mathematics.