Specialization: Automobile Engineering	
Course Name	**Remarks**
Semester 5	
• Basics of Electric Vehicle Technologies • Automotive Materials and Processes • Automotive Components and Assembly Drawing	Choose Only One
Semester 6	
• Advanced Electric Vehicle Technologies • Automotive Control Engineering • Vehicle Body Engineering and Aerodynamics • Automotive Pollution Control and Alternative Fuels • Fuel Cells and Energy Storage	Choose any Two
Semester 7	
• Chassis Design and Suspension • Vehicle Dynamics • Automotive Transmission Systems • Battery Engineering • Automobile Testing	Choose any Two

Specialization: Robotics and Automation	
Course Name	**Remarks**
Semester 5	
• Drives and Control Systems	

• Control Theory	Choose Only One
Semester 6	
• Mechatronic Systems Design • Automation and Robotics • Digital Systems Design • Electromechanical Systems Design • Human Machine Interface	Choose any Two
Semester 7	
• Advanced Robotics • Sensors Network • Industrial Automation • Industrial Process Instrumentation • Hydraulic and Pneumatic Systems	Choose any Two

*Note- * A student enrolling in BTech in Mechanical Engineering can also have major specialization in Data Science and Artificial Intelligence, Internet of Things, Cyber Security, VLSI Design.

For the description of these specializations, please follow the links of major specializations of CSE (https://www.bmu.edu.in/courses/b-tech/b-tech-computer-science-engineering/curriculum/) and EComE (https://www.bmu.edu.in/courses/b-tech/b-tech-electronics-computer-engineering/curriculum/)