**Mechanical**

* Vibrations.
* IC Engines.
* Dynamics.
* Mechanics of Materials.
* Theory of Machines.
* Industrial Engineering.
* Thermodynamics.
* Strength of Materials.
* Fluid Mechanics.
* Engineering Mechanics.
* Machine Design.
* Heat-Transfer.
* Kinematics.
* Hydraulic Machines.
* Production Engineering.
* Refrigeration & Air Conditioning.
* Production Management etc.

**Electrical Engineering Syllabus**

* Network Analysis.
* Power Electronics & Drives.
* Electronics Devices.
* Electromagnetic Theory.
* Analog and Digital Electronics.
* Electrical Instrumentation.
* Power System Analysis & Control.
* Utilization of Electrical Energy.
* Power System Protection.
* Control Systems.
* Power Systems.
* Electrical Machines.
* Switch Gear and Protection etc.

**Electronics Engineering Syllabus**

* Basic Electronics/ Power Electronics.
* Advanced Communications.
* Circuit Theory/ Digital Electronics.
* Power Electronics & Drives.
* Measurement & Instrumentation.
* Analog Electronics.
* Industrial Electronics.
* Microprocessors & Microcontrollers.
* Digital Communications.
* Analog Communications.
* Computer Hardware etc.

**Computer Science Engineering Syllabus**

* Operating System.
* Theory of Computation.
* Algorithms.
* Computer Organization and Architecture.
* Web Technologies.
* Computer Networks.
* Programming and Data Structures.
* Digital Logic.
* Databases.
* Compiler Design.
* Information Systems and Software Engineering etc.