ISRO SYLLABUS

Civil Engineering SYLLABUS

- Building Materials.
- Surveying.
- Transportation Engineering.
- Soil Mechanics.
- Hydraulics.
- Irrigation Engineering.
- Estimating, Costing, and Valuation.
- Environmental Engineering.
- Structural Engineering
- Theory of Structures.
- RCC Design
- Steel Design.
- Concrete Technology.

Electrical Engineering SYLLABUS

- Basic concepts.
- Circuit law.
- AC Fundamentals.
- Basic Electronics.
- Measurement and Measuring Instruments.
- Electrical Machines.
- Fractional Kilowatt Motors.
- Single-phase induction Motors.
- Synchronous Machines.
- Magnetic Circuit.
- Generation.
- Transmission and Distribution.
- Estimation and Costing.
- Utilization and Electrical Energy.

Electronics and Communication Engineering Syllabus

- Basics of Circuits and Measurement Systems
- Digital Electronics.
- Analytical, Optical Instrumentation.
- Analog Electronics.
- Electrical and Electronic Measurements.
- Transducers, Mechanical Measurement and Industrial Instrumentation.
- Control Systems and Process Control.
- Signals, Systems, and Communications.

Mechanical Engineering Syllabus

- Heat Engines.
- The strength of Materials.
- Structural Engineering.
- Thermodynamics.
- Fluid Mechanics.
- Automobile Engineering.
- Hydraulics.
- Theory of Machines.
- Manufacturing Technology.
- Industrial Engineering & Management etc.

Automobile Engineering Syllabus

- Automobile Machine Shop
- Automobile Chassis and Transmission
- Auto Repair and Maintenance
- Auto Electrical & Electronics
- Automobile Mechanics
- Automotive Engine Auxiliary Systems
- Automotive Engines
- Automotive Estimation and costing

- Automotive pollution and control
- Hydraulics, pneumatics, and power plant
- Modern vehicle technology
- Motor vehicle management
- Special vehicle equipment Strength of Materials
- Vehicle Maintenance
- Foundry, Welding, and Sheet Metal

ISRO Syllabus for Computer Science

- Databases.
- Computer Organization and Architecture.
- Operating System.
- Compiler Design.
- Web technologies.
- Information Systems and Software Engineering.
- Computer Networks.
- Theory of Computation.