

ISRO Scientist Engineer Exam Pattern

Type Of The Exam	Name Of The Subjects	Total Marks	Maximum Marks	Time Duration
Objective Type Test	Related subject Discipline	80	240 Marks (3 Marks for each question)	90 Minutes

ISRO Scientist Engineer 'SC' Syllabus

ISRO Engineer Syllabus For Electrical Engineering

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

ISRO Engineer Syllabus For Electronics Engineering

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

ISRO Engineer Syllabus For Mechanical Engineering

- Hydraulics.
- Theory of Machines.
- Heat Engines.
- Fluid Mechanics.
- Automobile Engineering.

- The strength of Materials.
- Structural Engineering.
- Thermodynamics.
- Manufacturing Technology.
- Industrial Engineering & Management etc.

ISRO Engineer Syllabus For Computer Science Engineering

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

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