

Electronics Corporation of India Limited (ECIL)



ECIL Tradesman C Exam Pattern

Name of the subjects	Exam Type	Duration of Time
<p style="text-align: center;">NAC Syllabus</p> <ul style="list-style-type: none">• Electrical Engineering• Electronics & Communication Engineering• General English <p style="text-align: center;">ITI Syllabus</p> <ul style="list-style-type: none">• Mechanical Engineering• Metallurgy• General knowledge.	Objective Type MCQs	90 Minutes

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Electrical Engineering

- Computer Fundamentals
- Basic Electronics Engineering
- Electrical Materials
- Power Systems
- Power Electronics and Drives
- Analog and Digital Electronics
- Systems and Signal Processing
- Control Systems
- Electrical Machines
- Electrical and Electronic Measurements
- Engineering Mathematics

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- Electric Circuits and Fields

Electronics & Communication Engineering

- Basic Electrical Engineering
- Materials Science
- Advanced Communication Topics
- Basic Electronics Engineering
- Electronic Measurements and Instrumentation
- Network Theory
- Analog and Digital Circuits
- Analog and Digital Communication Systems
- Control Systems
- Computer Organization and Architecture
- Electro Magnetics
- Advanced Electronics Topics

General English

- Unseen Passages.
- Sentence Completion.
- Conclusion.
- Vocabulary
- Word Formation.
- Sentence Rearrangement.
- Error Spotting.
- Sentence Correction.
- Para Jumbles.
- Synonyms & Antonyms.
- Fill in the Blanks.
- Idioms & Phrases.

Mechanical Engineering

- Renewable Sources of Energy
- Design of Machine Elements

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- Manufacturing
- Industrial and Maintenance Engineering
- Mechatronics and Robotics
- Engineering Mechanics
- Mechanisms and Machines
- Fluid Mechanics
- IC Engines, Refrigeration and Air conditioning
- Turbo Machinery
- Engineering Materials
- Thermodynamics and Heat transfer
- Power Plant Engineering

Metallurgy

- Foundry Technology
- General Metallurgy
- Welding & Corrosion
- Mechanical Metallurgy
- Physical Metallurgy
- Material Science
- Extractive Metallurgy

General Knowledge

- Abbreviations
- Terminology
- Awards & Prizes
- History
- Geography
- Sports
- International Space Stations and Festivals of India and World
- <https://www.freshersnow.com/syllabus/>
- UNO
- Current Affairs
- Inventions and Discoveries
- National and International Days

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- Books and Authors
- International Organizations
- Indian Armed Forces
- Continents and Sub Continents
- The Constitution of India
- Institutions and Research Stations,
- Indian News Agencies and Dailies
- Indian Towns, States, and Uts
- Environment
- Religious Communities and Principal Languages
- The World of Plants and Animals