

TSRTC Assistant Engineer Syllabus 2024

The syllabus is broken into two sections: Papers 1 and 2.

1. Paper 1 will include themes from both General Studies and General Abilities.
2. Paper 2 will cover topics from Civil Engineering, Mechanical Engineering, and Electrical Engineering (Diploma Level).
3. The detailed curriculum is covered in the subsections below.

TSRTC Assistant Engineer Syllabus	Topic
General Studies and General Abilities	Current affairs
	International Relations and Events
	India's achievements in Science and Technology
	Environmental problems and Disaster Management
	Geography and Economy of India and Telangana
	Indian Constitution and Polity and local self Government
	Society, Arts, Literature, Culture, and Heritage of Telangana

	Policies of Telangana State
	Modern Indian history with a focus on Indian National Movement
	History of Telangana with a focus on Movement for Telangana Statehood
	Logical Reasoning, Data Interpretation, and Analytical Ability
	Basic English (8th Class Standard)
Civil Engineering	Surveying Fundamental concepts
	Construction Materials & Practice
	Engineering Mechanics and Strength of Materials
	Hydraulics Properties
	Design of Structures
	Irrigation Engineering
	Environmental Engineering
	Transportation Engineering
Mechanical Engineering	Thermal Engineering
	Manufacturing Technology

	Engineering Mechanics & Strength of Materials
	Machine Design
	Engineering Materials
	Hydraulics and Hydraulics Machinery
	Industrial Engineering and Management
Electrical Engineering	Basic Electrical Engineering & Batteries
	Electrical Circuits
	DC Machine
	Measuring Instruments
	AC Machines
	Electronics Engineering
	Power Systems
	Electrical Installation & Estimation
	Utilisation & Traction
	Power Electronics