

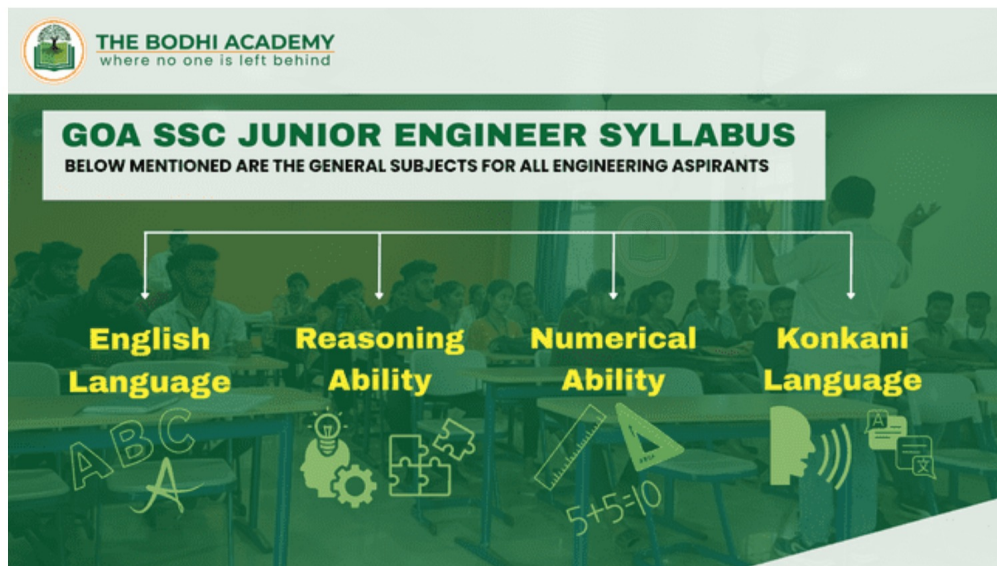


Goa SSC Junior Engineer Syllabus - Topic-Wise Weightage

Step into the exciting journey of preparing for the Goa SSC Junior Engineer Exam 2025! The Goa Staff Selection Commission has rolled out the **official notification** for the Junior Engineer Recruitment 2025, offering a golden opportunity for candidates aspiring to build a career in the engineering sector. In this blog, we'll walk you through the Goa SSC Junior Engineer Syllabus 2025 with detailed subject-wise topics and expected weightage.

If securing this post is your goal, there's no better time than now to kickstart your preparation. Each detail shared here is a step closer to helping you prepare smartly and maximise your success!

Goa SSC Junior Engineer Syllabus 2025 Overview



[Source: thebodhiacademy]

Before diving in, let's take a quick look at the Goa SSC Junior Engineer syllabus. The syllabus includes both general subjects like English Comprehension, Reasoning Ability, Numerical Ability, and Konkani Language. It also includes technical subjects specific to your discipline, whether Civil, Mechanical, or Electrical Engineering. This overview provides a clear roadmap to help you plan your preparation effectively. For complete details, check the official [Goa SSC website](#).

Goa SSC Junior Engineer Syllabus 2025

Understanding the syllabus is the first step to effective preparation for the Goa SSC Junior Engineer Exam 2025. Given below is the detailed Goa SSC Junior Engineer Syllabus 2025, along with the topic-wise weightage for each section.





Goa SSC Junior Engineer Syllabus - Topic-Wise Weightage

English Language	Reasoning Ability	Numerical Ability	Konkani Language
<ul style="list-style-type: none"> Spotting the Error Fill in the Blanks Synonyms & Antonyms Spelling / Detecting Misspelt Words Idioms & Phrases One-word Substitution Sentence Improvement Reading Comprehension 	<ul style="list-style-type: none"> Classification Analogy Coding-Decoding Matrix Word Formation Missing Number Direction and Distance Blood Relations Series Non-Verbal Reasoning Verbal Reasoning Simplification 	<ul style="list-style-type: none"> Number System Ratio and Proportion Percentage Average Time and Work Speed, Distance, and Time Interest (Simple & Compound) Profit and Loss Geometry Mensuration Data Interpretation Mixture and Alligation HCF and LCM Problems on Ages Number Series Square & Square Root 	<ul style="list-style-type: none"> Vocabulary Grammar (Nouns, Pronouns, Verbs, Adjectives, etc.) Sentence Formation Comprehension Usage & Translation

[Source: thebodhiacademy]



English Language and Comprehension

Topics	Weightage
Spotting the Error	2-3
Fill in the Blanks	2-3
Synonyms & Antonyms	2-3
Spelling / Detecting Misspelt Words	1-2
Idioms & Phrases	2-3
One-word Substitution	2-3
Sentence Improvement	2-3
Reading Comprehension	5

Reading Comprehension carries the maximum marks in this section, so focus more on that sub-topic.

Numerical Ability





Goa SSC Junior Engineer Syllabus - Topic-Wise Weightage

Topics	Weightage
Number System	3-4
Ratio and Proportio	1-2
Percentage	1-2
Average	1-2
Time and Work	2-3
Speed, Distance, and Time	1-2
Interest (Simple & Compound)	2-3
Profit and Loss	2-3
Geometry	1
Mensuration	1-2
Data Interpretation	2-3
Mixture and Alligation	1-2
HCF and LCM	1-2
Word Problems (Ages)	2-3
Number Series	1-2
Square & Square Root	1



Number System and Arithmetic topics like Time & Work, Profit & Loss, and Data Interpretation carry higher weightage in this section.

Reasoning Ability





Goa SSC Junior Engineer Syllabus - Topic-Wise Weightage

Topics	Weightage
Classification	3-4
Analogy	2-3
Coding-Decoding	1-2
Matrix	1
Word Formation	1-2
Missing Number	2-3
Direction and Distance	2-3
Blood Relations	1
Series	2-3
Non-Verbal Reasoning	4-5
Verbal Reasoning	0-1
Simplification	2-3

Non-verbal reasoning and Classification are the most important areas for JE aspirants.

Konkani Language

Topics	Weightage
Vocabulary	2-3
Grammar (Nouns, Pronouns, Verbs, Adjectives, etc.)	3-4
Sentence Formation	2-3
Comprehension	2-3
Usage & Translation	1

Goa SSC Junior Engineer Syllabus: Technical Subjects





Goa SSC Junior Engineer Syllabus - Topic-Wise Weightage

The Specific topic-wise distribution of marks for the Goa SSC Junior Engineer Syllabus is given below. Candidates must note that the weightage may differ slightly across Mechanical, Electrical, and Civil Engineering disciplines.

Mechanical Engineering

- Strength of Materials
- Fluid Mechanics
- Thermodynamics & Heat Engines
- Theory of Machines
- Machine Design
- Production Engineering
- Industrial Engineering

Electrical Engineering

- Basic Electrical Concepts
- DC Machines & Transformers
- AC Machines
- Power Systems
- Electrical Measurements
- Control Systems
- Power Electronics
- Utilisation of Electrical Energy

Civil Engineering

- Building Materials & Construction
- Surveying
- Strength of Materials
- Structural Engineering
- Hydraulics & Irrigation
- Transportation Engineering
- Soil Mechanics & Foundation
- Environmental Engineering

[Source: thebodhiacademy]

Mechanical Engineering

Topics	Weightage
Strength of Materials	6-7
Fluid Mechanics	5-6
Thermodynamics & Heat Engines	5-6
Theory of Machines	4-5
Machine Design	3-4
Production Engineering	5-6
Industrial Engineering	3-4

Electrical Engineering





Goa SSC Junior Engineer Syllabus - Topic-Wise Weightage

Topics	Weightage
Basic Electrical Concepts	4-5
DC Machines & Transformers	5-6
AC Machines	5-6
Power Systems	5-6
Electrical Measurements	3-4
Control Systems	3-4
Power Electronics	4-5
Utilisation of Electrical Energy	3-4

Civil Engineering



Topics	Weightage
Building Materials & Construction	5-6
Surveying	4-5
Strength of Materials	5-6
Structural Engineering	5-6
Hydraulics & Irrigation	4-5
Transportation Engineering	3-4
Soil Mechanics & Foundation	4-5
Environmental Engineering	4-5

The Subject-Specific section carries 40 marks in CBT-II, making it the most important part of the exam. So, make sure to prepare thoroughly and give extra focus to this section.

Goa SSC Junior Engineer Exam Pattern 2025

Here's a quick overview of the exam pattern for the Goa SSC JE 2025. The Goa SSC Junior Engineer (JE) Exam will be conducted in two stages through a Computer-Based Test (CBT).





CBT-I (Screening Test):

- Objective Type Questions (MCQs)
- Sections: English language and comprehension, Reasoning Ability, Numerical Ability and Konkani Language.
- Candidates must secure minimum qualifying marks in Konkani to move forward.

CBT-II (Main Test)

- Sections: General Subjects and Technical Subjects (Engineering discipline specific)
- This is the main scoring stage, so thorough preparation is crucial

For a more detailed breakdown of the Goa SSC Junior Engineer exam pattern, visit our [other blogs](#).

Goa SSC JE Document Verification

After successfully clearing the Computer-Based Test (CBT), candidates are required to appear for Document Verification (DV). The documents you need to submit include:

- Educational qualification certificates
- Proof of age (Birth Certificate or 10th Marksheet)
- Caste or category certificate (if applicable)
- No Objection Certificate (for government employees)
- Certificates for Persons with Disabilities or Ex-Servicemen (if applicable)

The Goa SSC Junior Engineer Syllabus 2025 serves as your essential guide to excel in this competitive exam. By understanding the topics clearly, following a structured study plan, and practising consistently, you can master both the General and Subject-Specific sections.

Stay focused, make concise notes for quick revision, practice regular [mock tests](#) and explore our [courses](#) designed to enhance your preparation and help you improve speed and accuracy. Remember, success in the JE exam comes not just from hard work, but from smart and strategic preparation. Let the Goa SSC Junior Engineer Syllabus 2025 guide you toward a rewarding engineering career in the government sector. Keep checking [our website](#) for more such informative blogs. Good luck as you begin this journey!

