



# ESE 2027 GATE 2027

## Check List

### Civil Engineering

All subjects are as per revised pattern of ESE and GATE

# 33 Books

#### Set-A : Technical Books (Theory with Solved Examples)

Sl.	Name of Books	Description
1.	Strength of Materials	Theory with Solved Examples
2.	Structural Analysis	Theory with Solved Examples
3.	RCC & Pre-Stressed Concrete	Theory with Solved Examples
4.	Design of Steel Structures	Theory with Solved Examples
5.	Soil Mechanics and Foundation Engineering	Theory with Solved Examples
6.	Environmental Engineering	Theory with Solved Examples
7.	Fluid Mechanics and Hydraulic Machines	Theory with Solved Examples
8.	Engineering Hydrology	Theory with Solved Examples
9.	Irrigation Engineering	Theory with Solved Examples
10.	Highway Engineering	Theory with Solved Examples
11.	Railway, Airport, Dock Harbour and Tunnelling Engg.	Theory with Solved Examples
12.	Construction Materials	Theory with Solved Examples
13.	Construction Practice, Planning and Management	Theory with Solved Examples
14.	Surveying and Geology	Theory with Solved Examples
15.	Engineering Mechanics	Theory with Solved Examples
16.	Open Channel Flow	Theory with Solved Examples

## Set-B : Workbooks

Sl.	Name of Books	Description
17.	<b>Volume-1:</b> Strength of Materials + Structural Analysis + Engineering Mechanics + RCC & Pre-Stressed Concrete + Design of Steel Structures + Construction Materials + Construction Practice, Planning & Management	Workbook
18.	<b>Volume-2:</b> Fluid Mechanics and Hydraulic Machines + Engineering Hydrology + Irrigation Engineering + Highway Engineering + Railway, Airport, Tunnelling, Dock and Harbour Engineering + Surveying + Soil Mechanics & Foundation Engineering + Environmental Engineering	Workbook
19.	Engineering Mathematics + Aptitude & Reasoning + General English	Workbook

## Set-C : Text Books/Previous Solved Papers

Sl.	Name of Books	Description
20.	General English	Text Book with Practice Questions
21.	Engineering Mathematics for GATE and ESE Prelims	Text Book with Practice Questions
22.	Reasoning & Aptitude for GATE and ESE Prelims	Text Book with Practice Questions
23.	ESE Prelims Solved Papers Vol. - I	Previous Solved Papers
24.	ESE Prelims Solved Papers Vol. - II	Previous Solved Papers
25.	GATE : Previous Solved Papers	Previous Solved Papers

## Set-D : General Studies & Engineering Aptitude ESE (Paper-1)

Sl.	Name of Books	Description
26.	Current Affairs Annual Issue Exclusively for ESE	Annual Edition Magazine (Digital Copy)
27.	General Principles of Design, Drawing, Importance of Safety	Theory with Solved Examples
28.	Standards and Quality Practices in Production	Theory with Solved Examples
29.	Basics of Energy and Environment	Theory with Solved Examples
30.	Basics of Project Management	Theory with Solved Examples
31.	Basics of Material Science and Engineering	Theory with Solved Examples
32.	Information and Communication Technologies (ICT)	Theory with Solved Examples
33.	Ethics and Values in Engineering Profession	Theory with Solved Examples

