



GATE 2027 State Engg. 2027

Check List

Instrumentation Engineering

All subjects are as per revised pattern of GATE and State Engg.

26
Books

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

Sl.	Name of Books	Description
1.	Electrical Circuits	Theory with Solved Examples
2.	Analog Electronics	Theory with Solved Examples
3.	Measurements	Theory with Solved Examples
4.	Digital Electronics	Theory with Solved Examples
5.	Microprocessors	Theory with Solved Examples
6.	Communication	Theory with Solved Examples
7.	Control Systems and Process Control	Theory with Solved Examples
8.	Sensors & Industrial Instrumentation + Optical Instrumentation	Theory with Solved Examples
9.	Signals & Systems	Theory with Solved Examples
10.	Electricity and Magnetism	Theory with Solved Examples
11.	Electrical Machines	Theory with Solved Examples

Set-B : Workbooks

Sl.	Name of Books	Description
12.	Volume-1: Sensors & Industrial Instrumentation + Optical Instrumentation + Control Systems & Process Control + Measurements + Electrical Machines + Electricity and Magnetism	Workbook
13.	Volume-2: Electrical Circuits + Analog Electronics + Digital Electronics + Microprocessors + Signals and Systems + Communication	Workbook
14.	Engg. Mathematics + Aptitude & Reasoning + General English	Workbook

Set-C : Text Books/Previous Solved Papers

Sl.	Name of Books	Description
15.	General English	Text Book with Practice Questions
16.	Engineering Mathematics for GATE	Text Book with Practice Questions
17.	Reasoning & Aptitude for GATE	Text Book with Practice Questions
18.	GATE : Previous Solved Papers	Previous Solved Papers

Set-D : General Studies

Sl.	Name of Books	Description
19.	History	Theory with Practice Questions including previous years solved questions of UPPSC, BPSC, RPSC, MPPSC, MPSC, APPSC, OPSC, ESE and other exams.
20.	Polity	
21.	Geography	
22.	Economy	
23.	Current Affairs	
24.	Environment	
25.	General Science	
26.	General Knowledge including Computer Applications	

