



# GATE 2027

## Check List

### Mechanical Engineering

All subjects are as per revised pattern of GATE

**20**  
**Books**

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

| Sl. | Name of Books                        | Description                   |
|-----|--------------------------------------|-------------------------------|
| 1.  | Thermodynamics                       | Theory with Solved Examples   |
| 2.  | Internal Combustion Engines          | Theory with Solved Examples   |
| 3.  | Heat Transfer                        | Theory with Solved Examples   |
| 4.  | Refrigeration & Air Conditioning     | Theory with Solved Examples   |
| 5.  | Power Plant Engineering              | Theory with Solved Examples   |
| 6.  | Fluid Mechanics & Hydraulic Machines | Theory with Solved Examples   |
| 7.  | Theory of Machines                   | Theory with Solved Examples   |
| 8.  | Strength of Materials                | Theory with Solved Examples   |
| 9.  | Material Science                     | Theory with Solved Examples   |
| 10. | Production Engineering               | Theory with Solved Examples   |
| 11. | Machine Design                       | Theory with Solved Examples   |
| 12. | Industrial & Maintenance Engineering | Theory with Solved Examples   |
| 13. | Engineering Mechanics                | Theory and Practice Questions |

| Set-B : Workbooks |                                                                                                                                                                           |                |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Sl.               | Name of Books                                                                                                                                                             | Description    |
| 14.               | <b>Volume-1:</b> Thermodynamics + RAC + Heat Transfer + Fluid Mechanics & Machines + Internal Combustion Engines + Power Plant Engineering                                | Workbook (PDF) |
| 15.               | <b>Volume-2:</b> Theory of Machines + Industrial Engineering + Strength of Materials + Machine Design + Engineering Mechanics + Production Engineering + Material Science | Workbook (PDF) |
| 16.               | Engg. Mathematics + Aptitude & Reasoning + General English                                                                                                                | Workbook (PDF) |

| Set-C : Text Books/Previous Solved Papers |                                                  |                                   |
|-------------------------------------------|--------------------------------------------------|-----------------------------------|
| Sl.                                       | Name of Books                                    | Description                       |
| 17.                                       | General English                                  | Text Book with Practice Questions |
| 18.                                       | Engineering Mathematics for GATE and ESE Prelims | Text Book with Practice Questions |
| 19.                                       | Reasoning & Aptitude for GATE and ESE Prelims    | Text Book with Practice Questions |
| 20.                                       | GATE : Previous Solved Papers                    | Previous Solved Papers            |

