



# ESE 2027 + GATE 2027 + State Engg. 2027

## Check List

### Electrical Engineering

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

**39**  
Books

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

| Sl. | Name of Books                         | Description                 |
|-----|---------------------------------------|-----------------------------|
| 1.  | Electric Circuits                     | Theory with Solved Examples |
| 2.  | Control Systems                       | Theory with Solved Examples |
| 3.  | Electric Machines                     | Theory with Solved Examples |
| 4.  | Power Systems                         | Theory with Solved Examples |
| 5.  | Power Electronics                     | Theory with Solved Examples |
| 6.  | Electrical & Electronics Measurements | Theory with Solved Examples |
| 7.  | Analog Electronics                    | Theory with Solved Examples |
| 8.  | Digital Electronics                   | Theory with Solved Examples |
| 9.  | Electromagnetic Theory                | Theory with Solved Examples |
| 10. | Microprocessors                       | Theory with Solved Examples |
| 11. | Communication Systems                 | Theory with Solved Examples |
| 12. | Electrical Materials                  | Theory with Solved Examples |
| 13. | Signals & Systems                     | Theory with Solved Examples |
| 14. | Computer Fundamentals                 | Theory with Solved Examples |

### Set-B : Workbooks

| Sl. | Name of Books                                                                                                                                                           | Description    |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 15. | <b>Volume-1:</b> Analog Electronics + Digital Electronics + Electric Circuits + Control Systems                                                                         | Workbook (PDF) |
| 16. | <b>Volume-2:</b> Power Systems + Signals and Systems + Electrical Machines + Electromagnetic Theory + Electrical & Electronic Measurements + Power Electronics & Drives | Workbook (PDF) |
| 17. | <b>Volume-3:</b> Communication Systems + Electrical Materials + Computer Fundamentals + Microprocessors                                                                 | Workbook (PDF) |
| 18. | Engg. Mathematics + Aptitude & Reasoning + General English                                                                                                              | Workbook (PDF) |

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

| Sl. | Name of Books                                    | Description                       |
|-----|--------------------------------------------------|-----------------------------------|
| 19. | General English                                  | Text Book with Practice Questions |
| 20. | Engineering Mathematics for GATE and ESE Prelims | Text Book with Practice Questions |
| 21. | Reasoning & Aptitude for GATE and ESE Prelims    | Text Book with Practice Questions |
| 22. | ESE Prelims Solved Papers Vol. - I               | Previous Solved Papers            |
| 23. | ESE Prelims Solved Papers Vol. - II              | Previous Solved Papers            |
| 24. | GATE : Previous Solved Papers                    | Previous Solved Papers            |

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

| Sl. | Name of Books                                               | Description                   |
|-----|-------------------------------------------------------------|-------------------------------|
| 25. | Current Affairs Annual Issue Exclusively for ESE            | Annual Edition Magazine (PDF) |
| 26. | General Principles of Design, Drawing, Importance of Safety | Theory with Solved Examples   |
| 27. | Standards and Quality Practices in Production               | Theory with Solved Examples   |
| 28. | Basics of Energy and Environment                            | Theory with Solved Examples   |
| 29. | Basics of Project Management                                | Theory with Solved Examples   |
| 30. | Basics of Material Science and Engineering                  | Theory with Solved Examples   |
| 31. | Information and Communication Technologies (ICT)            | Theory with Solved Examples   |
| 32. | Ethics and Values in Engineering Profession                 | Theory with Solved Examples   |

### Set-E : General Studies

| Sl. | Name of Books                                     | Description                                                                                                                                   |
|-----|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 33. | History                                           | Theory with Practice Questions including previous years solved questions of UPPSC, BPSC, RPSC, MPPSC, MPSC, APPSC, OPSC, ESE and other exams. |
| 34. | Polity                                            |                                                                                                                                               |
| 35. | Geography                                         |                                                                                                                                               |
| 36. | Economy                                           |                                                                                                                                               |
| 37. | Environment                                       |                                                                                                                                               |
| 38. | General Science                                   |                                                                                                                                               |
| 39. | General Knowledge including Computer Applications |                                                                                                                                               |

