

## **POSTAL** BOOK PACKAGE

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### **Mechanical Engineering**

Package

ESE + GATE + PSUs : 2022



All subjects are as per revised pattern of ESE and GATE

### Check List

| Technical Books : Set-A (Theory with Solved Examples) |                                      |                             |  |  |
|---|--------------------------------------|-----------------------------|--|--|
| SI.   | Name of Books                        | Description                 |  |  |
| 1.  | Thermodynamics                       | Theory with Solved Examples |  |  |
| 2.  | Internal Combustion Engines          | Theory with Solved Examples |  |  |
| 3.  | Machine Design                       | Theory with Solved Examples |  |  |
| 4.  | Industrial Engineering               | Theory with Solved Examples |  |  |
| 5.  | Heat Transfer                        | Theory with Solved Examples |  |  |
| б.  | Refrigeration & Air Conditioning     | Theory with Solved Examples |  |  |
| 7.  | Power Plant Engineering              | Theory with Solved Examples |  |  |
| 8.  | Fluid Mechanics & Fluid Machinery    | Theory with Solved Examples |  |  |
| 9.  | Theory of Machines                   | Theory with Solved Examples |  |  |
| 10.   | Strength of Materials                | Theory with Solved Examples |  |  |
| 11.   | Material Science                     | Theory with Solved Examples |  |  |
| 12.   | Production & Maintenance Engineering | Theory with Solved Examples |  |  |
| 13  | Renewable Sources of Energy          | Theory with Solved Examples |  |  |
| 14.   | Mechatronics & Robotics              | Theory with Solved Examples |  |  |
| 15.   | Engineering Mechanics                | Theory with Solved Examples |  |  |

| Technical Books : Set-B (Objective Practice Sets)                                |   |   |  |  |
|--|---|---|--|--|
| SI.  | Name of Books   | Description   |  |  |
| 16.  | Thermodynamics  | Objective Practice Sets   |  |  |
| 17.  | Internal Combustion Engines   | Objective Practice Sets   |  |  |
| 18.  | Machine Design  | Objective Practice Sets   |  |  |
| 19.  | Industrial Engineering  | Objective Practice Sets   |  |  |
| 20.  | Heat Transfer   | Objective Practice Sets   |  |  |
| 21.  | Refrigeration & Air Conditioning  | Objective Practice Sets   |  |  |
| 22.  | Power Plant Engineering   | Objective Practice Sets   |  |  |
| 23.  | Fluid Mechanics & Fluid Machinery   | Objective Practice Sets   |  |  |
| 24.  | Theory of Machines  | Objective Practice Sets   |  |  |
| 25.  | Strength of Materials   | Objective Practice Sets   |  |  |
| 26.  | Material Science  | Objective Practice Sets   |  |  |
| 27.  | Production & Maintenance Engineering  | Objective Practice Sets   |  |  |
| 28.  | Renewable Sources of Energy   | Objective Practice Sets   |  |  |
| 29.  | Mechatronics & Robotics   | Objective Practice Sets   |  |  |
| 30.  | Engineering Mechanics   | Objective Practice Sets   |  |  |
| Technical Books : Set-C (Conventional Practice Sets)                             |   |   |  |  |
|  | Technical Books : Set-C (Conven   | ntional Practice Sets)  |  |  |
| SI.  | Technical Books : Set-C (Conver<br>Name of Books  | ntional Practice Sets) Description  |  |  |
| <b>SI.</b><br>31.  |   |   |  |  |
|  | Name of Books   | Description   |  |  |
| 31.  | Name of Books Thermodynamics  | Description           Conventional Practice Sets  |  |  |
| 31.<br>32.   | Name of Books         Thermodynamics         Internal Combustion Engine   | Description       Conventional Practice Sets       Conventional Practice Sets   |  |  |
| 31.<br>32.<br>33.  | Name of BooksThermodynamicsInternal Combustion EngineMachine Design   | Description         Conventional Practice Sets         Conventional Practice Sets         Conventional Practice Sets  |  |  |
| 31.<br>32.<br>33.<br>34.   | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial Engineering   | DescriptionConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice Sets   |  |  |
| 31.<br>32.<br>33.<br>34.<br>35.  | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat Transfer  | DescriptionConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice Sets   |  |  |
| 31.<br>32.<br>33.<br>34.<br>35.<br>36.   | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air Conditioning  | DescriptionConventional Practice SetsConventional Practice Sets   |  |  |
| 31.<br>32.<br>33.<br>34.<br>35.<br>36.<br>37.                                    | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant Engineering   | DescriptionConventional Practice SetsConventional Practice Sets   |  |  |
| 31.<br>32.<br>33.<br>34.<br>35.<br>36.<br>37.<br>38.                             | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant EngineeringFluid Mechanics & Fluid Machinery  | DescriptionConventional Practice SetsConventional Practice Sets   |  |  |
| 31.<br>32.<br>33.<br>34.<br>35.<br>36.<br>37.<br>38.<br>39.                      | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant EngineeringFluid Mechanics & Fluid MachineryTheory of Machines  | DescriptionConventional Practice SetsConventional Practice Sets   |  |  |
| 31.<br>32.<br>33.<br>34.<br>35.<br>36.<br>37.<br>38.<br>39.<br>40.               | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant EngineeringFluid Mechanics & Fluid MachineryTheory of MachinesStrength of Materials   | DescriptionConventional Practice SetsConventional Practice Sets   |  |  |
| 31.<br>32.<br>33.<br>34.<br>35.<br>36.<br>37.<br>38.<br>39.<br>40.<br>41.        | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant EngineeringFluid Mechanics & Fluid MachineryTheory of MachinesStrength of MaterialsMaterial Science                                     | DescriptionConventional Practice SetsConventional Practice Sets   |  |  |
| 31.<br>32.<br>33.<br>34.<br>35.<br>36.<br>37.<br>38.<br>39.<br>40.<br>41.<br>42. | Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant EngineeringFluid Mechanics & Fluid MachineryTheory of MachinesStrength of MaterialsMaterial ScienceProduction & Maintenance Engineering | DescriptionConventional Practice SetsConventional Practice Sets |  |  |

|     | Text Books/Previous Solved Papers              |                                       |  |  |  |
|-----|--|---------------------------------------|--|--|--|
| SI. | Name of Books                                  | Description                           |  |  |  |
| 46. | General English                                | Text Book with Practice Questions     |  |  |  |
| 47. | General Studies                                | Text Book with Practice Questions     |  |  |  |
| 48. | Engineering Mathematics for GATE / ESE Prelims | Text Book with Previous Solved Papers |  |  |  |
| 49. | Reasoning & Aptitude for GATE / ESE Prelims    | Text Book with Previous Solved Papers |  |  |  |
| 50. | ESE Prelims Solved Papers (Vol I)              | Previous Solved Papers                |  |  |  |
| 51. | ESE Prelims Solved Papers (Vol II)             | Previous Solved Papers                |  |  |  |
| 52. | ESE Mains Solved Paper - I                     | Previous Solved Papers                |  |  |  |
| 53. | ESE Mains Solved Paper - II                    | Previous Solved Papers                |  |  |  |
| 54. | GATE : Previous Solved Papers                  | Previous Solved Papers                |  |  |  |
| 55. | 4400 MCQs for ESE, GATE & PSUs : ME            | Practice Book                         |  |  |  |

| General Studies & Engineering Aptitude ESE-2022 (Paper-1)   |  |                             |  |  |
|---|--|-----------------------------|--|--|
| SI.   | Name of Books  | Description                 |  |  |
| 56.   | Current Affairs Annual Issue Exclusively for ESE 2022<br>Prelims | Magazine (Annual Edition)   |  |  |
| 57.   | General Principles of Design, Drawing, Importance of Safety      | Theory with Solved Examples |  |  |
| 58.   | Standards and Quality Practices in Production                    | Theory with Solved Examples |  |  |
| 59.   | Basics of Energy and Environment                                 | Theory with Solved Examples |  |  |
| 60.   | Basics of Project Management                                     | Theory with Solved Examples |  |  |
| 61.   | Basics of Material Science and Engineering                       | Theory with Solved Examples |  |  |
| 62.   | Information and Communication Technologies (ICT)                 | Theory with Solved Examples |  |  |
| 63.   | Ethics and Values in Engineering Profession                      | Theory with Solved Examples |  |  |
| <b>Note:</b> Engineering Mathematics and Engineering Aptitude books are covered in Text Books Section (Sl. No. 48 & 49) |  |                             |  |  |

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