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Mechanical Engineering

Package



All subjects are as per revised pattern of ESE and GATE

ESE + GATE + PSUs : 2025

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 & Maintenance Engineering	Theory with Solved Examples		
5.	Heat Transfer	Theory with Solved Examples		
6.	Refrigeration & Air Conditioning	Theory with Solved Examples		
7.	Power Plant Engineering	Theory with Solved Examples		
8.	Fluid Mechanics & Hydraulic Machines	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 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	tional Practice Sets)		
SI.	Technical Books : Set-C (Conven Name of Books	tional Practice Sets) Description		
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	Name of Books	Description		
31.	Name of Books Thermodynamics	Description Conventional Practice Sets		
31. 32.	Name of Books Thermodynamics Internal Combustion Engine	Description Conventional Practice Sets Conventional Practice Sets		
31. 32. 33.	Name of Books Thermodynamics Internal Combustion Engine Machine Design	Description Conventional Practice Sets Conventional Practice Sets Conventional Practice Sets		
31. 32. 33. 34.	Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial Engineering	DescriptionConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice Sets		
31. 32. 33. 34. 35.	Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat Transfer	DescriptionConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice SetsConventional Practice Sets		
31. 32. 33. 34. 35. 36.	Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air Conditioning	DescriptionConventional Practice SetsConventional Practice Sets		
31. 32. 33. 34. 35. 36. 37.	Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant Engineering	DescriptionConventional Practice SetsConventional Practice Sets		
31. 32. 33. 34. 35. 36. 37. 38.	Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant EngineeringFluid Mechanics & Fluid Machinery	DescriptionConventional Practice SetsConventional Practice Sets		
31. 32. 33. 34. 35. 36. 37. 38. 39.	Name of BooksThermodynamicsInternal Combustion EngineMachine DesignIndustrial EngineeringHeat TransferRefrigeration & Air ConditioningPower Plant EngineeringFluid Mechanics & Fluid MachineryTheory of Machines	DescriptionConventional Practice SetsConventional Practice Sets		
31. 32. 33. 34. 35. 36. 37. 38. 39. 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. 32. 33. 34. 35. 36. 37. 38. 39. 40. 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. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 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-2025 (Paper-1)				
SI.	Name of Books	Description		
56.	Current Affairs Annual Issue Exclusively for ESE 2025 Prelims	Annual Edition Magazine (Digital Copy)		
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		
Note: Engineering Mathematics and Engineering Aptitude books are covered in Text Books Section (SI. No. 48 & 49)				

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