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Engineering Academy  
Leading Institute for ESE/GATE/PSUs



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# ESE-2025(Prelims)

## *Offline* Test Series

### Mechanical Engineering

**No.of Tests: 24**  
(Grand Test: 20 and Mock Tests: 4)

**Paper-I (General Studies and Engineering Aptitude)**

No.of Tests: 12 (Grand Test: 10 and Mock Tests: 2)

**Paper-II (Mechanical Engineering )**

No.of Tests: 12 (Grand Test: 10 and Mock Tests: 2)

**Starts from: 08<sup>th</sup> March 2025**

**Test Series will be conducted at: HYDERABAD | PUNE | DELHI**

# Grand Tests

Date	Test No	Subject Name	Paper	Time	No. of Questions	Max Marks
08-03-2025 (SATURDAY)	Test-1	Thermodynamics + Mechanisms and Machines	Paper-II	5:30 to 7:00 PM	75	150
	Test-2	Information and Communication Technologies (ICT)	Paper-I	7:15 to 8:15 PM	50	100
15-03-2025 (SATURDAY)	Test-3	IC Engines, Refrigeration and Air conditioning + Power Plant Engg.	Paper-II	5:30 to 7:00 PM	75	150
	Test-4	General Principles of Design, Drawing, Importance of Safety	Paper-I	7:15 to 8:15 PM	50	100
22-03-2025 (SATURDAY)	Test-5	Mechatronics and Robotics + Renewable Sources of Energy + Maintenance Engineering	Paper-II	5:30 to 7:00 PM	75	150
	Test-6	Ethics and values in Engineering profession	Paper-I	7:15 to 8:15 PM	50	100
29-03-2025 (SATURDAY)	Test-7	Fluid Mechanics + Turbo Machinery + Engineering Materials + Heat transfer	Paper-II	5:30 to 7:00 PM	75	150
	Test-8	Standards and Quality practices in production, construction, maintenance and services	Paper-I	7:15 to 8:15 PM	50	100
05-04-2025 (SATURDAY)	Test-9	Engineering Mechanics + Industrial Engineering + Design of Machine Elements	Paper-II	5:30 to 7:00 PM	75	150
	Test-10	Basics of Energy and Environment	Paper-I	7:15 to 8:15 PM	50	100
12-04-2025 (SATURDAY)	Test-11	Strength of Materials + Manufacturing Engineering	Paper-II	5:30 to 7:00 PM	75	150
	Test-12	Basics of Project Management	Paper-I	7:15 to 8:15 PM	50	100

Date	Test No	Subject Name	Paper	Time	No. of Questions	Max Marks
19-04-2025 (SATURDAY)	Test-13	Fluid Mechanics + Turbo Machinery + Thermodynamics and Heat transfer	Paper-II	5:30 to 7:00 PM	75	150
	Test-14	Basics of Material Science and Engineering	Paper-I	7:15 to 8:15 PM	50	100
26-04-2025 (SATURDAY)	Test-15	IC Engines, Refrigeration and Air conditioning + Power Plant Engg. + Renewable Sources of Energy	Paper-II	5:30 to 7:00 PM	75	150
	Test-16	Engineering Aptitude covering Logical reasoning and Analytical ability	Paper-I	7:15 to 8:15 PM	50	100
03-05-2025 (SATURDAY)	Test-17	Engineering Materials + Manufacturing , Industrial and Maintenance Engineering + Mechatronics and Robotics	Paper-II	5:30 to 7:00 PM	75	150
	Test-18	Engineering Mathematics and Numerical Analysis	Paper-I	7:15 to 8:15 PM	50	100
10-05-2025 (THURSDAY)	Test-19	Engineering Mechanics & Strength of Materials+ Mechanisms and Machines + Design of Machine Elements	Paper-II	5:30 to 7:00 PM	75	150
	Test-20	Current issues of national and international	Paper-I	7:15 to 8:15 PM	50	100

## Full Length Mock Tests

17-05-2025 (SATURDAY)	Test-21	Full Length Mock Tests-1 (General Studies & Engineering Aptitude)	Paper-I	10 am - 12 noon	100	200
	Test-22	Full Length Mock Tests-2 (Engineering Discipline)	Paper-II	2 pm - 5 pm	150	300
24-05-2025 (SATURDAY)	Test-23	Full Length Mock Tests-3 (General Studies & Engineering Aptitude)	Paper-I	10 am - 12 noon	100	200
	Test-24	Full Length Mock Tests-4 (Engineering Discipline)	Paper-II	2 pm - 5 pm	150	300