



**ACE**<sup>®</sup>  
Engineering Academy  
Leading Institute for ESE/GATE/PSUs



# ESE(PRELIMS)-2025

## *Online* Test Series

### Mechanical Engineering Schedule

No. of Tests : 44 + 30 *free* practice tests of ESE(Prelims)-2024 Online Test Series

	ESE(Prelims) - 2025 Test Series	Practice Tests ESE(Prelims) - 2024
Subject Wise Tests	22	22
Multi-Subject Wise Tests	10	-
Full Length Mock Tests	12	8
<b>Total Tests - 74</b>		

**Note:**

- ★ The Syllabus considered as per Previous year Notification of ESE. ACE Engineering Academy does not take any responsibility for deviations in syllabus in the final exam.
- ★ The Dates of Tests may Change according to the ESE-2025(Prelims) Exam schedule.
- ★ Tests will be activated at 06:00 pm on the scheduled day.
- ★ All tests will be active till ESE-2025(Prelims) exam.

## Subject-wise Tests

Test No	Name of the Test	No. of Questions	Max Marks	Duration	Date of Activation
Test-01	Engineering Mechanics + Strength of Materials	50	100	60 Min	15-06-2024
Test-02	Basic Thermodynamics + Heat transfer	50	100	60 Min	
Test-03	Fluid Mechanics + Turbo Machinery	50	100	60 Min	28-06-2024
Test-04	Engineering Mathematics and Numerical Analysis	33	66	40 Min	
Test-05	Mechanisms and Machines	50	100	60 Min	05-07-2024
Test-06	Basics of Energy and Environment	33	66	40 Min	
Test-07	Power Plant Engineering	50	100	60 Min	12-07-2024
Test-08	General Principles of Design, Drawing, Importance of Safety	33	66	40 Min	
Test-09	IC Engines	50	100	60 Min	19-07-2024
Test-10	Ethics and values in Engineering profession	33	66	40 Min	
Test-11	Design of Machine Elements	50	100	60 Min	26-07-2024
Test-12	Information and Communication Technologies (ICT)	33	66	40 Min	
Test-13	Refrigeration and Air conditioning	50	100	60 Min	02-08-2024
Test-14	Engineering Aptitude covering Logical reasoning and Analytical ability	33	66	40 Min	
Test-15	Manufacturing + Engineering Materials	50	100	60 Min	09-08-2024
Test-16	Basics of Material Science and Engineering	33	66	40 Min	
Test-17	Renewable Sources of Energy	50	100	60 Min	16-08-2024
Test-18	Standards and Quality practices in production, construction, maintenance and services	33	66	40 Min	
Test-19	Industrial and Maintenance Engineering	50	100	60 Min	23-08-2024
Test-20	Basics of Project Management	33	66	40 Min	
Test-21	Mechatronics and Robotics	50	100	60 Min	30-08-2024
Test-22	Current Issues of National and International importance related to social, Economic and Industrial Development	33	66	40 Min	

Test No	Name of the Test	No. of Questions	Max Marks	Duration	Date of Activation
<b>Full Length Mock Tests -1<sup>st</sup> Series</b>					
Test-23	Mock-1 PAPER-1	100	200	2 Hours	20-09-2024
Test-24	Mock-1 PAPER-2	150	300	3 Hours	
Test-25	Mock-2 PAPER-1	100	200	2 Hours	27-09-2024
Test-26	Mock-2 PAPER-2	150	300	3 Hours	

<b>Multi-Subject Wise Grand Tests</b>					
Test-27	Fluid Mechanics + Turbo Machinery + Heat transfer	50	100	60 Min	11-10-2024
Test-28	Basics of Energy and Environment + Engineering Aptitude covering Logical reasoning and Analytical ability	33	66	40 Min	
Test-29	Engineering Mechanics + Strength of Materials + Design of Machine Elements	50	100	60 Min	18-10-2024
Test-30	Engineering Mathematics and Numerical Analysis + Current Issues of National and International importance related to social, Economic and Industrial Development	33	66	40 Min	
Test-31	Basic Thermodynamics + Renewable Sources of Energy + IC Engines + Refrigeration and Air conditioning	50	100	60 Min	25-10-2024
Test-32	Basics of Project Management + Basics of Material Science and Engineering	33	66	40 Min	
Test-33	Power Plant Engineering + Mechanisms and Machines	50	100	60 Min	01-11-2024
Test-34	Information and Communication Technologies (ICT) + General Principles of Design, Drawing, Importance of Safety	33	66	40 Min	
Test-35	Manufacturing + Engineering Materials + Industrial and Maintenance Engineering+ Mechatronics and Robotics	50	100	60 Min	08-11-2024
Test-36	Ethics and values in Engineering profession + Standards and Quality practices in production, construction, maintenance and services	33	66	40 Min	

<b>Full Length Mock Tests -2<sup>nd</sup> Series</b>					
Test-37	Mock-3 PAPER-1	100	200	2 Hours	03-12-2024
Test-38	Mock-3 PAPER-2	150	300	3 Hours	
Test-39	Mock-4 PAPER-1	100	200	2 Hours	10-12-2024
Test-40	Mock-4 PAPER-2	150	300	3 Hours	
Test-41	Mock-5 PAPER-1	100	200	2 Hours	17-12-2024
Test-42	Mock-5 PAPER-2	150	300	3 Hours	
Test-43	Mock-6 PAPER-1	100	200	2 Hours	24-12-2024
Test-44	Mock-6 PAPER-2	150	300	3 Hours	

# Free Practice Tests of ESE-2024(Prelims) Online Test Series

## Subject-wise Tests

Test No	Name of the Test	No. of Questions	Max Marks	Duration	Date of Activation
Test-01	Engineering Mechanics + Strength of Materials	50	100	60 Min	01-05-2024
Test-02	Basic Thermodynamics + Heat transfer	50	100	60 Min	
Test-03	Fluid Mechanics + Turbo Machinery	50	100	60 Min	
Test-04	Engineering Mathematics and Numerical Analysis	33	66	40 Min	
Test-05	Mechanisms and Machines	50	100	60 Min	
Test-06	Basics of Energy and Environment	33	66	40 Min	
Test-07	Power Plant Engineering	50	100	60 Min	
Test-08	General Principles of Design, Drawing, Importance of Safety	33	66	40 Min	
Test-09	IC Engines	50	100	60 Min	
Test-10	Ethics and values in Engineering profession	33	66	40 Min	
Test-11	Design of Machine Elements	50	100	60 Min	
Test-12	Information and Communication Technologies (ICT)	33	66	40 Min	
Test-13	Refrigeration and Air conditioning	50	100	60 Min	
Test-14	Engineering Aptitude covering Logical reasoning and Analytical ability	33	66	40 Min	
Test-15	Manufacturing + Engineering Materials	50	100	60 Min	
Test-16	Basics of Material Science and Engineering	33	66	40 Min	
Test-17	Renewable Sources of Energy	50	100	60 Min	
Test-18	Standards and Quality practices in production, construction, maintenance and services	33	66	40 Min	
Test-19	Industrial and Maintenance Engineering	50	100	60 Min	
Test-20	Basics of Project Management	33	66	40 Min	
Test-21	Mechatronics and Robotics	50	100	60 Min	
Test-22	Current Issues of National and International importance related to social, Economic and Industrial Development	33	66	40 Min	

## Full Length Mock Tests -1<sup>st</sup> Series

Test-23	Mock-1	PAPER-1	100	200	2 Hours	10-05-2024
Test-24	Mock-1	PAPER-2	150	300	3 Hours	
Test-25	Mock-2	PAPER-1	100	200	2 Hours	
Test-26	Mock-2	PAPER-2	150	300	3 Hours	
Test-27	Mock-3	PAPER-1	100	200	2 Hours	
Test-28	Mock-3	PAPER-2	150	300	3 Hours	
Test-29	Mock-4	PAPER-1	100	200	2 Hours	
Test-30	Mock-4	PAPER-2	150	300	3 Hours	