



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

## ESE-2022(Prelims) Online Test Series Mechanical Engineering - Schedule

**No. of Test : 44 (32 Grand Tests + 12 Full Length Mock Tests)**  
+ **Free** 30 practice Tests of ESE-2021(Prelims) Online Test Series

### Subject-wise Tests

Test No	Name of the Subject	No. of Questions	Max Marks	Duration	Date of Activation
Test-01	Engineering Mechanics + Strength of Materials	50	100	60 Min	16-09-2021
Test-02	Basic Thermodynamics + Heat transfer	50	100	60 Min	
Test-03	Fluid Mechanics + Turbo Machinery	50	100	60 Min	24-09-2021
Test-04	Engineering Mathematics and Numerical Analysis	33	66	40 Min	
Test-05	Mechanisms and Machines	50	100	60 Min	01-10-2021
Test-06	Basics of Energy and Environment	33	66	40 Min	
Test-07	Power Plant Engineering	50	100	60 Min	05-10-2021
Test-08	General Principles of Design, Drawing, Importance of Safety	33	66	40 Min	
Test-09	IC Engines	50	100	60 Min	08-10-2021
Test-10	Ethics and values in Engineering profession	33	66	40 Min	
Test-11	Design of Machine Elements	50	100	60 Min	12-10-2021
Test-12	Information and Communication Technologies (ICT)	33	66	40 Min	
Test-13	Refrigeration and Air conditioning	50	100	60 Min	14-10-2021
Test-14	Engineering Aptitude covering Logical reasoning and Analytical ability	33	66	40 Min	
Test-15	Manufacturing + Engineering Materials	50	100	60 Min	16-10-2021
Test-16	Basics of Material Science and Engineering	33	66	40 Min	
Test-17	Renewable Sources of Energy	50	100	60 Min	22-10-2021
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	29-10-2021
Test-20	Basics of Project Management	33	66	40 Min	
Test-21	Mechatronics and Robotics	50	100	60 Min	05-11-2021
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 No	Mock codes	No. of Questions	Max Marks	Duration	Date of Activation
Test-23	Mock-1 PAPER-1	100	200	2 Hours	12-11-2021
Test-24	Mock-1 PAPER-2	150	300	3 Hours	
Test-25	Mock-2 PAPER-1	100	200	2 Hours	19-11-2021
Test-26	Mock-2 PAPER-2	150	300	3 Hours	

### Multi-Subject Wise Grand Tests

Test No	Name of the Subjects	No. of Questions	Max Marks	Duration	Date of Activation
Test-27	Fluid Mechanics + Turbo Machinery + Heat transfer	50	100	60 Min	23-11-2021
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	26-11-2021
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	30-11-2021
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	03-12-2021
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	07-12-2021
Test-36	Ethics and values in Engineering profession + Standards and Quality practices in production, construction, maintenance and services	33	66	40 Min	

### Full Length Mock Tests

Test No	Mock Name	No. of Questions	Max Marks	Duration	Date of Activation
Test-37	Mock-3 PAPER-1	100	200	2 Hours	14-12-2021
Test-38	Mock-3 PAPER-2	150	300	3 Hours	
Test-39	Mock-4 PAPER-1	100	200	2 Hours	21-12-2021
Test-40	Mock-4 PAPER-2	150	300	3 Hours	
Test-41	Mock-5 PAPER-1	100	200	2 Hours	29-01-2022
Test-42	Mock-5 PAPER-2	150	300	3 Hours	
Test-43	Mock-6 PAPER-1	100	200	2 Hours	05-02-2022
Test-44	Mock-6 PAPER-2	150	300	3 Hours	

# Free Practice Tests of ESE-2021(Prelims) Online Test

## Subject-wise Tests

Test No	Name of the Subject	No. of Questions	Max Marks	Duration	Date of Activation
ME_P01	Engineering Mechanics + Strength of Materials	50	100	60 Min	25-08-2021
ME_P02	Basic Thermodynamics + Heat transfer	50	100	60 Min	
ME_P03	Fluid Mechanics + Turbo Machinery	50	100	60 Min	
ME_P04	Engineering Mathematics and Numerical Analysis	33	66	40 Min	
ME_P05	Mechanisms and Machines	50	100	60 Min	
ME_P06	Basics of Energy and Environment	33	66	40 Min	
ME_P07	Power Plant Engineering	50	100	60 Min	
ME_P08	General Principles of Design, Drawing, Importance of Safety	33	66	40 Min	
ME_P09	IC Engines	50	100	60 Min	
ME_P10	Ethics and values in Engineering profession	33	66	40 Min	
ME_P11	Design of Machine Elements	50	100	60 Min	
ME_P12	Information and Communication Technologies (ICT)	33	66	40 Min	
ME_P13	Refrigeration and Air conditioning	50	100	60 Min	
ME_P14	Engineering Aptitude covering Logical reasoning and Analytical ability	33	66	40 Min	
ME_P15	Manufacturing + Engineering Materials	50	100	60 Min	
ME_P16	Basics of Material Science and Engineering	33	66	40 Min	
ME_P17	Renewable Sources of Energy	50	100	60 Min	
ME_P18	Standards and Quality practices in production, construction, maintenance and services	33	66	40 Min	
ME_P19	Industrial and Maintenance Engineering	50	100	60 Min	
ME_P20	Basics of Project Management	33	66	40 Min	
ME_P21	Mechatronics and Robotics	50	100	60 Min	
ME_P22	Current Issues of National and International importance related to social, Economic and Industrial Development	33	66	40 Min	

## Full Length Mock Tests

Test No	Mock Name	No. of Questions	Max Marks	Duration	Date of Activation
ME_P23	Mock-1 PAPER-1	100	200	2 Hours	01-09-2021
ME_P24	Mock-1 PAPER-2	150	300	3 Hours	
ME_P25	Mock-2 PAPER-1	100	200	2 Hours	
ME_P26	Mock-2 PAPER-2	150	300	3 Hours	
ME_P27	Mock-3 PAPER-1	100	200	2 Hours	
ME_P28	Mock-3 PAPER-2	150	300	3 Hours	
ME_P29	Mock-4 PAPER-1	100	200	2 Hours	
ME_P30	Mock-4 PAPER-2	150	300	3 Hours	