

Samrat Ashok Technological Institute (Engineering College), Vidisha

Department of Mechanical Engineering

Department of Mechanical Engineering introduces **Minor Degree in Mechanical Engineering** from session 2023-24. Students of any UG engineering program other than mechanical engineering can obtain minor degree by earning additional twenty credits from the following subjects on SWAYAM platform.

Eligibility – V semester onwards, UG engineering students of discipline other than Mechanical Engineering with CGPA>7.0.

S.No.	Name of subject	Swayam Course Id	Course Run by	Credit	Remark
1	Thermodynamics	noc23-me65	IITD	3	
2	Introduction To Fluid Mechanics	noc23-me42	IITKGP	3	Not for BTech (civil engineering)
3	Heat Transfer	noc23-ch06	IITK	3	
4	Thermal Engineering: Basic and Applied	noc23-me31	IITG	3	
5	IC Engines and Gas Turbines	noc23-me55	IITG	3	
6	Refrigeration and air-conditioning	noc23-me132	IITR	2	
7	Solid Mechanics	noc23-me70	IITD	3	
8	Kinematics Of Mechanisms And Machines	noc22-me25	IITKGP	2	
9	Basics of Materials Engineering	noc23-me78	IITM	3	
10	Fundamentals of manufacturing processes	noc23-me131	IITR	3	
11	Introduction to Machining and Machining Fluids	noc22-me21	IITR	2	
12	Mechanical Measurement System	noc23-me09	IIT Tirupati	2	
13	Principles of Industrial Engineering	noc23-me06	IITR	3	

The list is for session 2023-24. Addition/ deletion of some courses is possible depending upon the availability of course on Swayam platform. Subjects 1,2,10,12 are compulsory.