

**MINOR IN MECHANICAL ENGINEERING (MME)
MINOR CURRICULUM**

S.No	Course Type	Course Code	Course Name	Credits
1	Minor Compulsory Courses	U18MME1001	Thermodynamics	18
2		U18MME1002	Mechanics of Solids	
3		U18MME1003	Fundamentals of Manufacturing Processes	
	Minor Elective Courses	Elective courses (any 3 to 6 courses)		
4		U18MME1004	Steam Power Engineering	
5		U18MME1005	Fluid Mechanics and Machinery	
6		U18MME1006	Heat Transfer	
7		U18MME1007	IC Engines and Gas Turbines	
8		U18MME1008	Refrigeration and Air Conditioning	
9		U18MME1009	Design of Machine Elements	
10		U18MME1010	Kinematics of Machinery	
11		U18MME1011	Dynamics of Machinery	
12		U18MME1012	Automobile Engineering	
13		U18MME1013	Finite Element Methods	
14		U18MME1014	Material Science and Metallurgy	
15		U18MME1015	Machine Tool Technology	
16		U18MME1016	Engineering Metrology	
17		U18MME1017	Production Management	
18	U18MME1018	Quality Management		
<p>I. In exigency situations such as the student already completed the listed compulsory courses(s) or elective course(s) on his/her own interest during previous semesters through valid MOOCs etc, the HoD in consultation with Dean-AA shall propose an alternative course(s) for the specific scenario, after verification of relevant documents.</p> <p>II. By the end of April of every academic year, the department in consultation with Dean-AA, shall</p> <ol style="list-style-type: none"> 1. notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the courses listed under Minor curriculum 2. propose a new course(s) in the place of any course(s) listed under Minor curriculum, in case no equivalent course is found in MOOCs 				
-	Minor Laboratory Courses	Laboratory Courses (any 2 courses)		2
19		U18MME1019	Thermal Engineering Laboratory	
20		U18MME1020	Design Engineering Laboratory	
21		U18MME1021	Production Engineering Lab	
Total Credits				20