

Programme Core	Programme Elective	University Core	University Elective	Total Credits
19	18	27	6	70

Course Code	Course Title	Course Type	L	T	P	J	C
<b>PROGRAMME CORE</b>							
MEE5013	Advanced Mechanics of Solids	TH	3	0	0	0	3
MEE5014	Computer Graphics and Geometric Modelling	ETL	2	0	2	0	3
MEE5015	Finite Element Methods	ETL	2	2	2	0	4
MEE5016	Integrated Manufacturing Systems	ETL	2	0	2	0	3
MEE5017	Advanced Vibration Engineering	TH	2	2	0	0	3
MEE5022	Applied Materials Engineering	TH	3	0	0	0	3
Course Code	Course Title	Course Type	L	T	P	J	C
<b>PROGRAMME ELECTIVE</b>							
MEE5023	Design for Manufacture and Assembly	TH	3	0	0	0	3
MEE5024	Advanced Manufacturing Technology	ETP	2	0	0	4	3
MEE5026	Vehicle Dynamics	ETP	2	2	0	4	4
MEE6012	Design and Analysis of Experiments	ETP	2	2	0	4	4
MEE6015	Additive Manufacturing Technology	ETP	2	0	0	4	3
MEE6024	Vehicle Aerodynamics	TH	3	0	0	0	3
MEE6030	Advanced Finite Element Methods	ETP	2	0	0	4	3
MEE6031	Computational Fluid Dynamics	ETL	2	0	2	0	3
MEE6033	Product Design and Life Cycle Management	ETP	2	0	0	4	3
MEE6034	Fracture Mechanics	TH	3	0	0	0	3
MEE6035	Manufacturing and Mechanics of Composites Materials	TH	3	0	0	0	3
MEE6036	Computational and Experimental Vibration Analysis and Control	ETL	2	0	2	0	3
MEE6037	Optimisation Methods	TH	3	0	0	0	3
MEE6038	Design Thinking and Innovation	ETP	2	0	0	4	3
MEE6039	Machine Fault Diagnostics	TH	3	0	0	0	3
MEE6040	Computer Aided Process Planning	TH	3	0	0	0	3
MEE6041	CNC Technology and Programming	ETP	2	0	0	4	3
MEE6042	Industrial/Research Internship	PJT	0	0	0	8	2
MEE6055	Statistics and Quality Management	ETP	2	0	0	4	3
Course Code	Course Title	Course Type	L	T	P	J	C
<b>UNIVERSITY CORE</b>							
MAT5005	Advanced Mathematical Methods	TH	3	0	0	0	3
MEE6099	Masters Thesis	PJT	0	0	0	0	16
SET5001	Science, Engineering and Technology Project - I	PJT	0	0	0	0	2
SET5002	Science, Engineering and Technology Project - II	PJT	0	0	0	0	2
EFL5097	English and Foreign Language	CDB	0	0	0	0	2



Course Code	Course Title	Course Type	L	T	P	J	C
ENG5001 - Fundamentals of Communication Skills - LO							
ENG5002 - Professional and Communication Skills - LO							
FRE5001 - Francais fonctionnel - TH							
GER5001 - Deutsch fuer Anfaenger - TH							
STS6777	Soft Skills M.Tech.	CDB	0	0	0	0	2
STS5001 - Essentials of Business Etiquettes - SS							
STS5001 - Essentials of Business Etiquette and Problem Solving - SS							
STS5002 - Preparing for Industry - SS							
STS5102 - Programming and Problem Solving Skills - SS							
Course Code	Course Title	Course Type	L	T	P	J	C
<b>BRIDGE COURSE</b>							
Course Code	Course Title	Course Type	L	T	P	J	C
<b>NON CREDIT COURSE</b>							