

M. Tech. (Mechanical - PLM)

Course Outline:

Group of subject	Sr. No.	Subject	Teaching Credits				Examination Scheme (Equivalent marks)			
			L	T	P	CREDIT S	Mid Term	End Term	Session als/TW	Total
SEMESTER - I										
A	MMP-511A	PLM Fundamentals	3	-	-	3	30	70	-	100
	MMP-512A	New Product Design	3	-	-	3	30	70	-	100
	MMP-513A	Data Management	3	-	-	3	30	70	-	100
B	MMP-511B to MMP-516B	Students can register for any two from the list of electives provided	4	-	-	4	30	70	-	100
	MMP-511B to MMP-516B		4	-	-	4	30	70	-	100
C	MMP-511C	Programming Lab.	-	-	2	1	-	-	50	50
	MMP-512C	CAD/CAE Lab.	-	-	2	1	-	-	50	50
	MMP-513C	PLM Lab - I	-	-	4	2	-	-	100	100
	MMP-514C	Seminar – I / Communication Skills	-	-	2	1	-	-	50	50
SUB-TOTAL			17	-	10	22	150	350	250	750
SEMESTER - II										
A	MMP-521A	Project Management	3	-	-	3	30	70	-	100
	MMP-522A	Web and Networking Technologies	3	-	-	3	30	70	-	100
	MMP-523A	PLM: Advanced Concepts	3	-	-	3	30	70	-	100
B	MMP-521B to MMP-526B	Students can register for any two from the list of electives provided	4	-	-	4	30	70	-	100
	MMP-521B to MMP-526B		4	-	-	4	30	70	-	100
C	MMP-521C	Web and Networking Technologies Lab.	-	-	2	1	-	-	50	50
	MMP-522C	CAM Lab.	-	-	2	1	-	-	50	50
	MMP-523C	PLM Lab - II	-	-	4	2	-	-	100	100
	MMP-524C	Seminar - II	-	-	2	1	-	-	50	50
SUB-TOTAL			17	-	10	22	150	350	250	750

SEMESTER III AND IV

Sr. No.	Subject	Teaching Credits			
		L	T	P	Credits
MMP-601	Dissertation Part - I	-	-	10	22
Sub Total		-	-	10	22
MMP-602	Dissertation Part - II	-	-	10	22
Sub Total		-	-	10	22

ELECTIVES:

SEMESTER - I	SEMESTER - II
Computer Aided Design	Computer Aided Manufacturing
Lean Manufacturing	Computational Fluid Dynamics
Finite Element Analysis	Supply Chain Management
Enterprise Resources Planning	Composites: Design & Manufacturing
Mechatronics & Robotics	Digital Manufacturing
Reliability and Life Testing	Nano Technology
Sheet Metals: Modelling and Manufacturing	Green Manufacturing