

**Scheme/Structure for
M.Tech in Smart Manufacturing**

Semester I						
S. No.	Course Code	Course Name	Category	I	P	C
1		Scientific Computing	PEC	2	2	3
2		Applied AI for Manufacturing	PEC	3	3	5
3		Mechatronic Product Design	PEC	3	3	5
4		Advanced Manufacturing Processes	PEC	3	3	5
5		Elective-I	PEC	3	0	3
6		Seminar	PCD	0	3	2
Total				14	14	23
Semester II						
S. No.	Course Code	Course Name	Category	I	P	C
1		Industrial IoT and Cloud Computing	PEC	3	3	5
2		Modelling and Simulation of Manufacturing Systems	PEC	3	3	5
3		Micro and Nano Manufacturing Technology	PEC	3	3	5
4		Elective-II	PEC	3	0	3
5		Elective-III	PEC	3	0	3
6		Comprehensive Viva-Voce	PEC	2	0	2
Total				17	9	23
Semester III						
1		Dissertation Work-I	PCD	0	25	10
2		Skill development course-I	PEC	3	0	Pass/ Fail
Total				0	25	15
Semester IV						
1		Dissertation Work-II	PCD	0	25	15
Total				0	25	15

Grand total number of credits for M.Tech = 76