

SCHEME OF COURSES FOR ME (CAD/CAM Engineering)

First Semester

S. No.	Course No.	Course Name	L	T	P	Cr
1.	PCD103	<u>Mechatronics</u>	3	1	0	3.5
2.	PCD105	<u>Computer Aided Manufacturing</u>	3	0	2	4.0
3.	PCD106	Geometric <u>Modeling</u> and <u>Analysis</u>	2	4	0	4.0
4.	PCD107	Finite Element Methods	3	0	2	4.0
5.	PCL105	Statistical Methods and Algorithms	3	0	2	4.0
		Total	14	5	6	19.5

Second Semester

S. No.	Course No.	Course Name	L	T	P	Cr
1	PCD202	Computer Aided Design	3	1	2	4.5
2	PCD205	Robotics	3	1	0	3.5
3	PCD208	Modern Control of Dynamic Systems	3	1	0	3.5
4	PCD325	Rapid Prototyping	3	1	0	3.5
5		Elective-I	3	1	0	3.5
6	PCD291	Seminar				2
		Total	15	5	2	20.5

Third Semester

S. No.	Course No.	Course Name	L	T	P	Cr
1	PCD312	Computational Fluid Dynamics	3	0	2	4.0
2		Elective-II	3	1	0	3.5
3	PCD392	Minor Project				4.0
4		Dissertation starts				
		Total	6	1	2	11.5

Fourth Semester

S. No.	Course No.	Course Name	L	T	P	Cr
1.	PCD491	Dissertation				12.0
		Total				12.0

List of Electives -I

S. No.	Course No.	Course Name	L	T	P	Cr
1	PCD 316	Applied Optimization in Engineering Design	3	1	0	3.5
2	PCD 315	Modelling and simulation of Dynamic Systems	3	1	0	3.5
3	PCD206	Computer Integrated Manufacturing Systems	3	1	0	3.5

List of Electives -II

S. No.	Course No.	Course Name	L	T	P	Cr
1	PCD313	Machine Tool Design	3	1	0	3.5
2	PCD 204	Industrial Automation	3	1	0	3.5
3	PCD 317	Advanced Robotics and control	3	1	0	3.5

Total Number of Credits: 63.5