



ANNA UNIVERSITY
Chennai-25.
Curriculum

October 9, 2003

Degree Name M.E.(Part Time) **Specialization** CAD/CAM

Regulations 2002

Semester No. 1

Theory

Course Code	Course Title	L	T	P	M
ED132	Computer Applications in Design	3	0	2	100
CD133	Finite Element Analysis	3	0	0	100
PE039	Robotics and Sensors	3	0	0	100

Practical

Course Code	Course Title	L	T	P	M
CD143	CAD Lab	0	0	2	100

Total 400

Semester No. 2

Theory

Course Code	Course Title	L	T	P	M
CD035	Computer Integrated Manufacturing Systems	3	0	0	100
PE034	Manufacturing Information Systems	3	0	0	100
ED043	Product Design and Development Strategies	3	0	0	100

Practical

Course Code	Course Title	L	T	P	M
PE049	CAM Laboratory	0	0	4	100

Total 400

Semester No. 3

Theory

Course Code	Course Title	L	T	P	M
PD132	Concurrent Engineering	3	0	0	100
E1---	Elective I	3	0	0	100
CD142	Mechanical Vibrations	3	0	2	100

Total 300

Semester No. 4

Theory

Course Code	Course Title	L	T	P	M
ED142	Computer Integrated Design	3	0	0	100
E2---	Elective II	3	0	0	100
E3---	Elective III	3	0	0	100
Total					300

Semester No. 5

Theory

Course Code	Course Title	L	T	P	M
E4---	Elective IV	3	0	0	100
E5---	Elective V	3	0	0	100
E6---	Elective VI	3	0	0	100

Practical

Course Code	Course Title	L	T	P	M
CM232	Project Work - Phase I	0	0	12	200
Total					500

Semester No. 6

Practical

Course Code	Course Title	L	T	P	M
CM233	Project Work - Phase II	0	0	24	400
Total					400

TOTAL MARKS : 2300**List of Electives**

Course Code	Course Title	L	T	P	M
CD141	Optimization in Design	3	0	0	100
ED031	Tribology in Design	3	0	0	100
ED032	Design of Hydraulic and Pneumatic Systems	3	0	0	100
ED041	Advanced Machine Tool Design	3	0	0	100
ED133	Mechanical Vibrations	3	0	2	100
ED141	Advanced Mechanisms Design	3	1	0	100
ED143	Design for Manufacture	3	0	0	100
IC034	Computational Fluid Dynamics	3	0	0	100

Course Code	Course Title	L	T	P	M
ID036	Total Quality Management	3	0	0	100
ID037	Reliability Engineering	3	0	0	100
IS033	Maintenance Management	3	0	0	100
PE036	Mechatronics in Manufacturing Systems	3	0	0	100
PE038	Computer Aided Process Planning	3	0	0	100
PE132	Applied Materials Engineering	3	0	0	100
PE141	Flexible Competitive Manufacturing System	3	0	0	100
PE143	Metrology and Non Destructive Testing	3	0	0	100
ED044	Advanced Strength of Materials	3	0	0	100
ED045	Design of Material Handling Equipments	3	0	0	100
PE050	Data Communication in CAD/CAM	3	0	0	100
PE051	Industrial Safety Management	3	0	0	100
PE052	Manufacturing System and Simulation	3	0	0	100
PE053	Performance Modelling and Analysis of Manufacturing System	3	0	0	100