



SAMRAT ASHOK TECHNOLOGICAL INSTITUTE

(ENGG. COLLEGE)

(An Autonomous Institute Affiliated to RGPV, Bhopal)

Vidisha (M.P.) 464001

SCHEME OF EXAMINATION W.E.F. 2011-12

First Semester – M.Tech. Computer Integrated Manufacturing

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Marks	Tests (Two)	Assignments / Quiz	End Sem. Practical / Viva	Practical Record/ Assign. / Quiz/ Presentation	
1	CIM-1111	Computer Aided Design	3	1	-	4	70	20	10	-	-	100
2	CIM-1112	Adv. Manufacturing Technology	3	1	-	4	70	20	10	-	-	100
3	CIM-1113	Flexible Manufacturing System	3	1	-	4	70	20	10	-	-	100
4	CIM-1114	Mechatronics	3	1	-	4	70	20	10	-	-	100
5	CIM-1115	Elective (E-I)	3	1	-	4	70	20	10	-	-	100
6	CIM-1116	Lab. I (CAD)	-	-	6	6	-	-	-	90	60	150
7	CIM-1117	Lab. II (FMS)	-	-	6	6	-	-	-	90	60	150
		Total	15	5	12	32	350	100	50	180	120	800

L : Lecture T : Tutorial P : Practical

Elective – I : (i) Total Quality Mgt. (ii) Design of Cellular Manufacturing (iii) Analysis & Control of Mfg. System



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SCHEME OF EXAMINATION W.E.F. 2011-12

Second Semester – M.Tech. Computer Integrated Manufacturing

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Marks	Tests (Two)	Assignments / Quiz	End Sem. Practical / Viva	Practical Record/ Assign. / Quiz/ Presentation	
1	CIM-1121	Computer Integrated Manufacturing	3	1	-	4	70	20	10	-	-	100
2	CIM-1122	Finite Element Analysis	3	1	-	4	70	20	10	-	-	100
3	CIM-1123	Computer Aided Process Planning	3	1	-	4	70	20	10	-	-	100
4	CIM-1124	Elective (E-II)	3	1	-	4	70	20	10	-	-	100
5	CIM-1125	Elective (E-III)	3	1	-	4	70	20	10	-	-	100
6	CIM-1126	Lab. III (CIM)	-	-	6	6	-	-	-	90	60	150
7	CIM-1127	Lab. IV (FEA)	-	-	6	6	-	-	-	90	60	150
		Total	15	5	12	32	350	100	50	180	120	800

L : Lecture T : Tutorial P : Practical

Elective – II : (i) Reliability & Total Productive Maintenance (ii) Project Management (iii) Production analysis & Cost optimization
Elective – III : (i) MIS & ERP (ii) Work Design & Ergonomics (iii) Intelligent Industrial System