

SCHEME OF TEACHING AND EXAMINATION 2010-2011
B.E INDUSTRIAL & PRODUCTION ENGINEERING
III SEMESTER

Sl. No	Subject Code	Title of the Subject	Teaching Dept.	Teaching Hours / week		Examination			
				Theory	Pract				Total
							IA	Theory/ Pract.	
1	10MAT31	Engineering Mathematics – III	Maths	04	---	03	25	100	125
2	10ME32A / 10ME 32B	Material Science & Metallurgy / Mechanical Measurements & Metrology	ME/IP/ IM	04	---	03	25	100	125
3	10ME33	Basic Thermodynamics	ME/IP/ IM	04	---	03	25	100	125
4	10ME34	Mechanics of Materials	ME/IP/ IM	04	---	03	25	100	125
5	10ME 35	Manufacturing Processes-I	ME/IP/ IM	04	---	03	25	100	125
6	10ME 36A / 10ME36B	Computer Aided Machine Drawing/ Fluid Mechanics	ME/IP/ IM	01 04	03	03	25	100	125
7	10MEL37A/ 10MEL 37B	Metallography & Material Testing Lab/ Mechanical Measurements & Metrology Lab	ME/IP/ IM	---	03	03	25	50	75
8	10MEL38A/ 10MEL 38B	Foundry & Forging Laboratory/ Machine Shop	ME/IP/ IM	---	03	03	25	50	75
Total				21/24	09	-	200	700	900

**SCHEME OF TEACHING AND EXAMINATION 2010-2011
B.E INDUSTRIAL & PRODUCTION ENGINEERING
IV SEMESTER**

Sl. No	Subject Code	Title of the Subject	Teaching Dept.	Teaching Hours / week		Duration (Hrs)	Examination		
				Theory	Pract		Marks		
							IA	Theory/ Pract.	Total
1	10MAT41	Engineering Mathematics – IV	Maths	04	---	03	25	100	125
2	10ME42A / 10ME 42B	Material Science & Metallurgy / Mechanical Measurements & Metrology	ME/IP/ IM	04	---	03	25	100	125
3	10ME43	Applied Thermodynamics	IP/IM	04	---	03	25	100	125
4	10ME44	Kinematics of Machines	ME/IP/ IM	04	---	03	25	100	125
5	10ME 45	Manufacturing Processes-II	ME/IP/ IM	04	---	03	25	100	125
6	10ME 46A / 10ME46B	Computer Aided Machine Drawing/ Fluid Mechanics	ME/IP/ IM	01 04	---	03	25	100	125
7	10MEL47A/ 10MEL 47B	Metallography & Material Testing Lab/ Mechanical Measurements & Metrology Lab	ME/IP/ IM	---	03	03	25	50	75
8	10MEL48A/ 10MEL 48B	Foundry & Forging Laboratory/ Machine Shop	ME/IP/ IM	---	03	03	25	50	75
Total				21/24	06	-	200	700	900

**SCHEME OF TEACHING AND EXAMINATION 2010-2011
B.E INDUSTRIAL & PRODUCTION ENGINEERING
V SEMESTER**

Sl. No	Subject Code	Title of the Subject	Teaching Dept.	Teaching Hours / week		Duration (Hrs)	Examination		
				Theory	Pract		Marks		
							IA	Theory / Pract.	Total
1	10AL51	Management & Entrepreneurship	IP/IM	04	-	03	25	100	125
2	10IP/IM 52	Engineering Economy	IP/IM	04	-	03	25	100	125
3	10IP/IM 53	Work Study and Ergonomics	IP/IM	04	-	03	25	100	125
4	10IP/IM 54	CAD / CAM	IP/IM	04	-	03	25	100	125
5	10IP/IM 55	Design of Machine Elements	IP/IM	04	-	03	25	100	125
6	10IP 56	Hydraulics and Pneumatics	IP	04	-	03	25	100	125
7	10IPL 57	Mechanical and Fluid Power Lab	IP	-	03	03	25	50	75
8	10IPL/IML 58	Work Study and Ergonomics Lab	IP/IM	-	03	03	25	50	75
Total				24	06	-	200	700	900

SCHEME OF TEACHING AND EXAMINATION 2010-2011
B.E INDUSTRIAL & PRODUCTION ENGINEERING
VI SEMESTER

Sl. No	Subject Code	Title of the Subject	Teaching Dept.	Teaching Hours / week		Duration (Hrs)	Examination		
				Theory	Pract		Marks		
							IA	Theory/ Pract.	Total
1	10IP /IM 61	Materials Management	IP/IM	04		03	25	100	125
2	10IP/IM 62	Quality Assurance and Reliability	IP/IM	04		03	25	100	125
3	10IP/IM 63	Operations Research	IP/IM	04		03	25	100	125
4	10IP 64	Tool Engineering & Design	IP	04		03	25	100	125
5	10IP 65	Computer Integrated Manufacturing	IP	04		03	25	100	125
6		Elective I (Group A)	IP/IM	04		03	25	100	125
7	10IPL/ IML 67	CAD/CAM Lab	IP/IM		03	03	25	50	75
8	10IPL 68	Machine Tools Lab	IP		03	03	25	50	75
Total				24	06	-	200	700	900

Elective I (Group A)					
Sl. No.	Subject Code	Subject	Sl. No.	Subject Code	Subject
1	10IP / IM 661	Value Engineering	4	10IP / IM 664	Human Resource Management
2	10IP / IM 662	Theory of Metal Forming	5	10IP 665	Analysis of Manufacturing Processes
3	10IP / IM 663	Finite Element Method			

**SCHEME OF TEACHING AND EXAMINATION 2010-2011
B.E INDUSTRIAL & PRODUCTION ENGINEERING
VII SEMESTER**

Sl. No	Subject Code	Title of the Subject	Teaching Dept.	Teaching Hours / week		Examination			
				Theory	Pract	Duration (Hrs)	Marks		
							IA	Theory/ Pract.	Total
1	10IP/IM 71	Total Quality Management	IP/IM	04		03	25	100	125
2	10IP/IM 72	Operations Management	IP/IM	04		03	25	100	125
3	10IP73	Non Conventional Machining Processes	IP	04		03	25	100	125
4	10IP 74	Mechatronics	IP	04		03	25	100	125
5		Elective II (Group B)	IP/IM	04		03	25	100	125
6		Elective III (Group C)	IP/IM	04		03	25	100	125
7	10IPL 77	Software Applications Lab	IP	-	03	03	25	50	75
8	10IPL 78	CNC and Robotics Lab	IP	-	03	03	25	50	75
Total				24	06	--	200	700	900

Elective II (Group B)			Elective III (Group C)		
Sl. No.	Subject Code	Subject	Sl. No.	Subject Code	Subject
1	10IP / IM 751	Enterprise Resource Planning	1	10IP/IM 761	Financial Management
2	10IP/IM 752	Concurrent Engineering	2	10IP/IM 762	Project Management
3	10IP/IM 753	Marketing Management	3	10IP/IM 763	Composite Materials
4	10IP/IM 754	Technology Management	4	10IP/IM764	World Class Manufacturing
5	10IP 755	Simulation Modeling & Analysis	5	10IP 765	Management Information Systems
			6	10IP766	Machine Tool Design

**SCHEME OF TEACHING AND EXAMINATION 2010-2011
B.E INDUSTRIAL & PRODUCTION ENGINEERING
VIII SEMESTER**

Sl. No	Subject Code	Title of the Subject	Teaching Dept.	Teaching Hours / week		Duration (Hrs)	Examination		
				Theory	Pract		Marks		
							IA	Theory/ Pract.	Total
1	10IP/IM 81	Supply Chain Management	IP/IM	04	--	03	25	100	125
2	10IP/IM 82	Facilities Planning and Design	IP/IM	04	--	03	25	100	125
3		Elective IV (Group D)	IP/IM	04	--	03	25	100	125
4		Elective V (Group E)	IP/IM	04	--	03	25	100	125
5	10IP 85	Project Work	IP	--	--	03	100	100	200
6	10IP 86	Seminar	IP	--	03	03	50	-	50
Total				16	03	--	250	500	750

Elective IV (Group D)			Elective V (Group E)		
Sl. No.	Subject Code	Subject	Sl. No.	Subject Code	Subject
1	10IP/IM 831	Organizational Behaviour	1	10IP/IM 841	Artificial Intelligence & Expert Systems
2	10IP/IM 832	Knowledge Management	2	10IP/IM 842	Just in Time Manufacturing
3	10IP/IM 833	Design of Experiments	3	10IP/IM 843	Automation in Manufacture
4	10IP/IM 834	Advanced Operations Research	4	10IP 844	Product Design & Manufacturing
5	10IP/IM 835	Data Base Management System	5	10IP 845	Engineering System Design
6	10IP 836	Advanced Joining Processes & NDT	6	10IP 846	Automobile Engineering

