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JABALPUR ENGINEERING COLLEGE, JABALPUR (MP)
(An Autonomous Institute of Govt. of M.P.)

Affiliated to Rajiv Gandhi Technological University, Bhopal (MP)
Scheme of Study and Examination (w.e.f. July 2010)

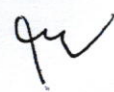
B.E. Third Year

Branch : Civil Engineering

Sem :Sixth

Course Code		Subject	Periods			EVALUATION SCHEME					Credits
			L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
						TA	CT	TOTAL			
CE-28	Geographical Information System	3	1	-	10	20	30	70	100	4	
CE-30	Structural Analysis - II	3	1	-	10	20	30	70	100	4	
CE-31	Transportation Engg - I	3	1	-	10	20	30	70	100	4	
CE-33	Structural Design & Drawing - II (Steel)	3	1	-	10	20	30	70	100	4	
CE-35	Environmental Engg. - I	3	1	-	10	20	30	70	100	4	
(PRACTICAL/DRAWING/DESIGN)											
CE-32L	Transportation Engg Lab - I	-	-	2	20	-	20	30	50	2	
CE-34L	Structural Design & Drawing - II (Steel) Lab	-	-	2	20	-	20	30	50	2	
CE-36L	Environmental Engg Lab - I	-	-	2	20	-	20	30	50	2	
CE-39L	Minor Project	-	-	2	20	-	20	30	50	2	
CE-59L	Professional Activity			2	50	-	50	-	50	2	
CE-60L	Seminar/Group Discussion			2	50	-	50	-	50	2	
	Total	15	5	12	230	100	330	470	800	32	

T.A. Teachers Assessment, CT- Class Test, ESE - End Semester Examination, Total Marks 800
Total Periods : 32, Total Credits : 32


Dr. SHAILJA SHUKLA
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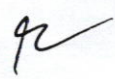
B.E. Third Year

Branch : Computer Science & Engineering

Sem :Sixth

B.E. Third Year										
Branch: Computer Engineering										
Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
CS-20	Theory of Computation	3	1	-	10	20	30	70	100	4
CS-21	Artificial Intelligence	3	1	-	10	20	30	70	100	4
CS-23	Computer Graphics & Multimedia	3	1	-	10	20	30	70	100	4
CS-25	Wireless & Mobile Computing	3	1	-	10	20	30	70	100	4
CS-27-	Principle of Management & Industrial Organization	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
CS-22L	Artificial Intelligence Lab	-	-	2	20	-	20	30	50	2
CS-24L	Computer Graphics & Multimedia Lab	-	-	2	20	-	20	30	50	2
CS-26L	Wireless & Mobile Computing Lab	-	-	2	20	-	20	30	50	2
CS-28L	Minor Project	-	-	2	20	-	20	30	50	2
CS-48L	Professional Activity			2	50	-	50	-	50	2
CS-49L	Seminar/Group Discussion			2	50	-	50	-	50	2
	Total	15	5	12	230	100	330	470	800	32

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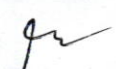
B.E. Third Year

Branch : Electrical Engineering

Sem :Sixth

B.E. Third Year										
Branch : Electrical Engineering										
Semester : III										
Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
EE-23	Microprocessor & Microcontroller	3	1	-	10	20	30	70	100	4
EE-27	Signal and Systems	3	1	-	10	20	30	70	100	4
EE-28	Utilization of Electrical Energy	3	1	-	10	20	30	70	100	4
EE-32	Control System	3	1	-	10	20	30	70	100	4
EE-34	Electrical Machine Design	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
EE-24L	Microprocessor & Microcontroller Lab	-	-	2	20	-	20	30	50	2
EE-29L	Utilization of Elect. Energy Lab	-	-	2	20	-	20	30	50	2
EE-33L	Control System Lab	-	-	2	20	-	20	30	50	2
EE-35L	Minor Project	-	-	2	20	-	20	30	50	2
EE-63L	Professional Activity			2	50	-	50	-	50	2
EE-64L	Seminar/Group Discussion			2	50	-	50	-	50	2
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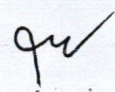
BE Third Year Branch : Electronics & Telecom. Engg Sem: Sixth

Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
EC- 27A	Digital Communication	3	1	-	10	20	30	70	100	4
EC-29A	Microprocessor & Microcontroller	3	1	-	10	20	30	70	100	4
EC- 33	Antenna Wave Propagation	3	1	-	10	20	30	70	100	4
EC- 35	VLSI Technology	3	1	-	10	20	30	70	100	4
EC -37	Data Communication & Computer Network	3	1	-	10	20	30	70	100	4

(PRACTICAL/DRAWING/DESIGN)

EC -28L	Digital Communication Lab	-	-	2	20	-	20	30	50	2
EC-30AL	Microprocessor & Microcontroller Lab	-	-	2	20	-	20	30	50	2
EC -36L	VLSI Technology Lab	-	-	2	20	-	20	30	50	2
EC 40L	Minor Project	-	-	2	20	-	20	30	50	2
EC-63L	Professional Activity	-	-	2	50	-	50	-	50	2
EC 64L	Seminar/Group Discussion	-	-	2	50	-	50	-	50	2
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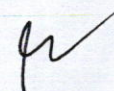
B.E. Third Year

Branch - Industrial & Production

Sem :Sixth

B.E. Third Year		Branch - Industrial & Production			Semester - 5					
Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
✓IP-21	Work Study and Ergonomics	3	1	-	10	20	30	70	100	4
✓IP-23	Applied Thermodynamics	3	1	-	10	20	30	70	100	4
✓IP-25	Manufacturing Technology	3	1	-	10	20	30	70	100	4
✓IP-26	Advanced Manufacturing Processes	3	1	-	10	20	30	70	100	4
✓IP-27	Operations Research	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
✓IP-22L	Work Study & Ergonomics Lab	-	-	2	20	-	20	30	50	2
✓IP-24L	Applied Thermodynamics Lab	-	-	2	20	-	20	30	50	2
✓IP-28L	Operations Research Lab	-	-	2	20	-	20	30	50	2
✓IP-29L	Minor Project	-	-	2	20	-	20	30	50	2
✓IP-50L	Professional Activity			2	50	-	50	-	50	2
✓IP-51L	Seminar/Group Discussion			2	50	-	50	-	50	2
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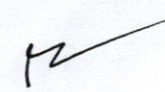
B.E. Third Year

Branch : Information Technology

Sem : Sixth

B.E. Third Year										
Branch : Information Technology										
Sem : Sixth										
Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
IT-13	Automata and Compiler Design	3	1	-	10	20	30	70	100	4
IT-15	Microprocessor & Interfacing	3	1	-	10	20	30	70	100	4
IT-17	Internet & Web Technology	3	1	-	10	20	30	70	100	4
IT-19	Management information System	3	1	-	10	20	30	70	100	4
IT-20	E Commerce & Governance	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
IT-14L	Automata and Compiler Design Lab	-	-	2	20	-	20	30	50	2
IT-16L	Microprocessor & Interfacing Lab	-	-	2	20	-	20	30	50	2
IT-18L	Internet & Web Technology Lab	-	-	2	20	-	20	30	50	2
IT-21L	Minor Project	-	-	2	20	-	20	30	50	2
IT-43L	Professional Activity			2	50	-	50	-	50	2
IT-44L	Seminar/Group Discussion			2	50	-	50	-	50	2
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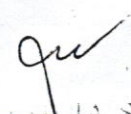
B.E. Third Year

Branch : Mechanical Engineering

Sem :Sixth

Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TO TA L	
					TA	CT	TO TA L			
ME-23A	Internal Combustion Engine	3	1	-	10	20	30	70	100	4
ME-35	Power Plant Engineering	3	1	-	10	20	30	70	100	4
ME-39	Heat & Mass Transfer	3	1	-	10	20	30	70	100	4
ME-41	Operation Management	3	1	-	10	20	30	70	100	4
ME-42	Metal Cutting & CNC Machines	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
ME-24L	Internal Combustion Engine Lab	-	-	2	20	-	20	30	50	2
ME-40L	Heat & Mass Transfer Lab	-	-	2	20	-	20	30	50	2
ME-43L	Metal Cutting & CNC Machines Lab	-	-	2	20	-	20	30	50	2
ME-44L	Minor Project	-	-	2	20	-	20	30	50	2
ME-45L	Computer Aided Engg.			2	50	-	50	-	50	2
ME-66L	Seminar/Group Discussion			2	50	-	50	-	50	2
	Total	15	5	12	230	100	330	470	800	32

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