

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. Second Year

Branch : Civil

Sem : Fourth

Sem - I		Sem - II		Sem - III		Sem - IV				
Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
CH-03	Energy Ecology Environment & Society	3	1	-	10	20	30	70	100	4
CE-14	Surveying	3	1	-	10	20	30	70	100	4
MA-04	Numerical Computation	3	1	-	10	20	30	70	100	4
CE-16	Geotechnical Engineering - I	3	1	-	10	20	30	70	100	4
ME-10	Fluid Mechanics - I	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
CE-15L	Surveying Lab	-	-	2	20	-	20	30	50	2
MA-05L	Numerical Computation Lab	-	-	2	20	-	20	30	50	2
CE-17L	Geotechnical Engineering Lab - I	-	-	2	20	-	20	30	50	2
ME-11L	Fluid Mechanics Lab - I	-	-	2	20	-	20	30	50	2
CE-55L	Professional Activity	-	-	2	50	-	50	-	50	2
CE-58L	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
DEAN
Academics
Jabalpur Engineering College
Jabalpur - 482 011

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B.E. Second Year

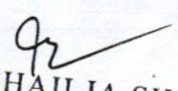
Branch :Comp.Science Engg.

Sem : Fourth

Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
IT-04	Computer Architecture	3	1	-	10	20	30	70	100	4
MA-06	Discrete Structure	3	1	-	10	20	30	70	100	4
CS-08	Data Base Management System	3	1	-	10	20	30	70	100	4
IT-06	Principles of Communication	3	1	-	10	20	30	70	100	4
CS-10	Analysis & Design of Algorithms	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
CS-11L	Analysis & Design of Algorithms Lab	-	-	2	20	-	20	30	50	2
CS-09L	Data Base Management System Lab	-	-	2	20	-	20	30	50	2
CS-12L	Dot net Lab	-	-	2	20	-	20	30	50	2
IT-07L	Principles of Communication Lab	-	-	2	20	-	20	30	50	2
CS-45L	Professional Activity	-	-	2	50	-	50	-	50	2
CS-46L	Seminar/Group Discussion	-	-	2	50	-	50	-	50	2
	Total	15	5	12	230	100	330	470	800	32

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B.E. Second Year

Branch : Electrical

Sem :Fourth

B.E. Second Year		Branch : Electrical			Sem : Fourth					
Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
EE-09	Electrical Machines - I	3	1	-	10	20	30	70	100	4
EE-11	Drawing Estimating & Costing	3	1	-	10	20	30	70	100	4
EE-16	Power System	3	1	-	10	20	30	70	100	4
EE-14	Analog & Digital Electronics	3	1	-	10	20	30	70	100	4
EE-12A	Network Analysis & Synthesis	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
EE-10L	Electrical Machines - I Lab	-	-	2	20	-	20	30	50	2
EE-17L	Power System Lab	-	-	2	20	-	20	30	50	2
EE-15L	Analog & Digital Electronics Lab	-	-	2	20	-	20	30	50	2
EE-13L	Network Analysis & Synthesis Lab	-	-	2	20	-	20	30	50	2
EE-55L	Professional Activity	-	-	2	50	-	50	-	50	2
EE-60L	Seminar/Group Discussion	-	-	2	50	-	50	-	50	2
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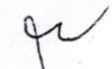
B.E. Second Year

Branch : Electronics & Tele.

Sem : Fourth

Course Code		Subject	Periods			EVALUATION SCHEME					Credits
			L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
						TA	CT	TOTAL			
EC-15	Electronic Circuits	3	1	-	10	20	30	70	100	4	
EC-10	Signals & Systems	3	1	-	10	20	30	70	100	4	
EC-06	Digital Circuit & Systems	3	1	-	10	20	30	70	100	4	
EC-12	Linear Control Theory	3	1	-	10	20	30	70	100	4	
EC-14	Electromagnetic Theory	3	1	-	10	20	30	70	100	4	
(PRACTICAL/DRAWING/DESIGN)											
EC-16L	Electronic Circuits Lab	-	-	2	20	-	20	30	50	2	
EC-13L	Linear Control Lab	-	-	2	20	-	20	30	50	2	
EC-21L	Simulation Lab	-	-	2	20	-	20	30	50	2	
EC-09L	Digital Circuit & Systems Lab	-	-	2	20	-	20	30	50	2	
EC-56L	Professional Activity	-	-	2	50	-	50	-	50	2	
EC-58L	Seminar/Group Discussion	-	-	2	50	-	50	-	50	2	
	Total	15	5	12	230	100	330	470	800	32	

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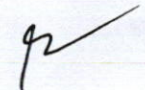
Branch : Industrial Production

Sem :Fourth

Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOT			
✓ <u>CH-03</u>	Energy Ecology Environment & Society	3	1	-	10	20	30	70	100	4
✓ <u>ME-12A</u>	Material Science & Metallurgy	3	1	-	10	20	30	70	100	4
✓ <u>IP-08</u>	Theory of Machines & Mechanism	3	1	-	10	20	30	70	100	4
✓ <u>IP-10</u>	Machine Design	3	1	-	10	20	30	70	100	4
✓ <u>ME-10</u>	Fluid Mechanics-I	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
✓ <u>IP-09L</u>	Theory of Machine & Mechanism Lab	-	-	2	20	-	20	30	50	2
✓ <u>CS-12L</u>	Dot Net Lab	-	-	2	20	-	20	30	50	2
✓ <u>IP-11L</u>	Machine Design Lab	-	-	2	20	-	20	30	50	2
✓ <u>ME-11L</u>	Fluid Mechanics –I Lab	-	-	2	20	-	20	30	50	2
✓ <u>IP-44L</u>	Professional Activity	-	-	2	50	-	50	-	50	2
✓ <u>IP-45L</u>	Seminar/Group Discussion	-	-	2	50	-	50	-	50	2
Total		15	5	12	230	100	330	470	800	32

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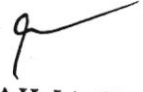
B.E. Second Year

Branch : Information Tech.

Sem : Fourth

		Periods			EVALUATION SCHEME					Credits
Course Code	Subject	L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOT			
IT-04	Computer Architecture	3	1	-	10	20	30	70	100	4
MA-06	Discrete Structure	3	1	-	10	20	30	70	100	4
CS-08	Data Base Management System	3	1	-	10	20	30	70	100	4
IT-06	Principles of Communication	3	1	-	10	20	30	70	100	4
CS-10	Analysis & Design of Algorithms	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
IT-05L	Computer Architecture Lab	-	-	2	20	-	20	30	50	2
CS-09L	Data Base Management System Lab	-	-	2	20	-	20	30	50	2
CS-11L	Analysis & Design of Algorithms Lab	-	-	2	20	-	20	30	50	2
IT-07L	Principles of Communication Lab	-	-	2	20	-	20	30	50	2
IT-40L	Professional Activity	-	-	2	50	-	50	-	50	2
IT-41L	Seminar/Group Discussion	-	-	2	50	-	50	-	50	2
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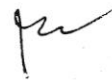
B.E. Second Year

Branch : MECHANICAL

Sem : Fourth

Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
MA-03	Mathematics - III	3	1	-	10	20	30	70	100	4
ME-12A	Material Science & Metallurgy	3	1	-	10	20	30	70	100	4
ME-13A	Production Processes	3	1	-	10	20	30	70	100	4
ME-25A	Thermal Engg. & Gas Dynamics	3	1	-	10	20	30	70	100	4
ME-14A	Theory of Machines & Mechanism	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
CS-12L	Dot Net Lab	-	-	2	20	-	20	30	50	2
ME-27L	Production Processes Lab	-	-	2	20	-	20	30	50	2
ME-62L	Theory of Machines & Mechanism Lab	-	-	2	20	-	20	30	50	2
ME-26L	Thermal Engg. & Gas Dynamics Lab	-	-	2	20	-	20	30	50	2
ME-63L	Self Study	-	-	2	50	-	50	-	50	2
ME-61L	Seminar/Group Discussion	-	-	2	50	-	50	-	50	2
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