

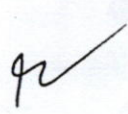
JABALPUR ENGINEERING COLLEGE, JABALPUR (MP)
(An Autonomous Institute of Govt. of M.P.)
Affiliated to Rajiv Gandhi Technological University, Bhopal (MP)
Scheme of Study and Examination (w.e.f. July 2010)

BE (PTDC)**Branch : Civil Engineering****Sem: Seventh**

Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
CE-41	Structural Design – III (RCC)	3	1	-	10	20	30	70	100	4
CE-43	Environmental Engineering – II	3	1	-	10	20	30	70	100	4
CE-45	Project Management	3	1	-	10	20	30	70	100	4
Refer Table	Elective -I	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
CE-42L	Structural Design-III Lab(RCC)	-	-	2	20	-	20	30	50	2
CE-44L	Environmental Engineering Lab -II	-	-	2	20	-	20	30	50	2
CE-48AL	Major Project Planning	-	-	2	20	-	20	30	50	2
CE-61L	Professional Activity	-	-	2	50	-	50	-	50	2
	Total	12	4	8	150	80	230	370	600	24

T.A. Teachers Assessment, CT- Class Test, ESE - End Semester Examination, Total Marks 600 Total Periods : 24, Total Credits : 24

Elective-I					
CE-047A	1. Computational Methods in Structural Engineering	CE-047B	2 Traffic Engineering	CE-047C	3 Industrial Waste Treatment


Dr. SHAILJA SHUKLA
 DEAN
 Academics
 Jabalpur Engineering College
 Jabalpur - 482 011 (M.P.)

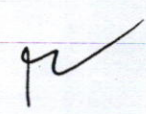
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BE (PTDC) Branch : Electrical Engineering Sem: Seventh

Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
EE-40	Electrical Drive	3	1	-	10	20	30	70	100	4
EE-42	Power System Planning & Reliability	3	1	-	10	20	30	70	100	4
EE-46	EHV AC & DC Transmission	3	1	-	10	20	30	70	100	4
Refer Table	Elective -I	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
EE-41L	Electrical Drive Lab	-	-	2	20	-	20	30	50	2
EE-67L	Advance Electrical Drive Lab	-	-	2	20	-	20	30	50	2
EE-44AL	Major Project Planning	-	-	2	20	-	20	30	50	2
EE-51L	Electrical Engineering Simulation Lab	-	-	2	50	-	50	-	50	2
	Total	12	4	8	150	80	230	370	600	24

T.A. Teachers Assessment, CT- Class Test, ESE - End Semester Examination, Total Marks 600 Total Periods : 24, Total Credits : 24

Elective-I					
EE-043A	1. Digital Control System	EE-043B	2. Generalized Theory Of Electrical Machine	EE-043C	3. Soft Computing Techniques


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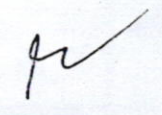
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BE (PTDC)**Branch : Electronics & Telecom. Engineering****Sem: Seventh**

Course Code	Subject	Periods			EVALUATION SCHEME					Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL	
					TA	CT	TOTAL			
EC – 41	TV and Digital Display Devices	3	1	-	10	20	30	70	100	4
EC – 43	Optical Communication	3	1	-	10	20	30	70	100	4
EC – 47	Information Theory and Coding	3	1	-	10	20	30	70	100	4
Refer Table	Elective -I	3	1	-	10	20	30	70	100	4
(PRACTICAL/DRAWING/DESIGN)										
EC – 42L	TV and Digital Display Devices Lab	-	-	2	20	-	20	30	50	2
EC – 44L	Optical Communication Lab	-	-	2	20	-	20	30	50	2
EC – 49AL	Major Project Planning	-	-	2	20	-	20	30	50	2
EC -65L	Professional Activity	-	-	2	50	-	50	-	50	2
	Total	12	4	8	150	80	230	370	600	24

T.A. Teachers Assessment, CT- Class Test, ESE - End Semester Examination, Total Marks 600 Total Periods : 24, Total Credits : 24

Elective-I					
EC-048A	1. Image Processing & Pattern Recognition	EC-048B	2. Artificial Intelligence and Neural Network	EC-048C	3. Wireless and Mobile Communication.


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BE (PTDC)

Branch : Mechanical Engineering

Sem: Seventh

Mechanical Engineering											Sem: Seventh
Course Code	Subject	Periods			EVALUATION SCHEME						Credits
		L	T	P	SESSIONAL EXAM			ESE	SUB TOTAL		
					TA	CT	TOTAL				
ME- 50	OR & Supply Chain	3	1	-	10	20	30	70	100	4	
ME-52	Renewable Energy System	3	1	-	10	20	30	70	100	4	
ME-67	Machine Design	3	1	-	10	20	30	70	100	4	
Refer Table	Elective -I	3	1	-	10	20	30	70	100	4	
(PRACTICAL/DRAWING/DESIGN)											
ME-51L	OR & Supply Chain Lab	-	-	2	20	-	20	30	50	2	
ME-68L	Machine Design Lab	-	-	2	20	-	20	30	50	2	
ME-54AL	Major Project Planning	-	-	2	20	-	20	30	50	2	
ME-76L	Professional Activity	-	-	2	50	-	50	-	50	2	
	Total	12	4	8	150	80	230	370	600	24	

T.A. Teachers Assessment, CT- Class Test, ESE - End Semester Examination, Total Marks 600 Total Periods : 24, Total Credits : 24

Elective-I					
ME-053A	1. Design of Heat Exchangers	ME-053B	2 Computer Aided Engineering & FEM	ME-053C	3 Industrial Robotics

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