

PEOPLE'S UNIVERSITY, BHOPAL

Scheme of Examination

(Applicable for Admitted from Academic Session 2019-20 onwards)

PROGRAMME: Bachelor of Technology
BRANCH : Electrical Engineering

SEMESTER: III

S No.	Subject Code	Subject Name	Maximum Marks Allotted							Teaching hour Per Week			Total Credits	Remark	
			Theory Slot				Practical Slot			Total Marks	L	T			P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work							
					Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance									
1	BT-1301	Engineering Mathematics -II	70	20	5	5	-	-	-	100	3	1	-	04	One hour Lecture (L) refers to 1 credit, One hour Tutorial (T) refers to 1 credit, One hour Practical (P) refers to 0.5 credit.
2	EET-1302	Electrical Engineering Material	70	20	5	5	-	-	-	100	3	1	-	04	
3	EET-1303	Electrical Machine - I	70	20	5	5	35	10	5	150	3	1	2	05	
4	EET-1304	Electrical Measurement & Instrumentation	70	20	5	5	35	10	5	150	3	1	2	05	
5	EET-1305	Circuit Theory	70	20	5	5	35	10	5	150	3	1	2	05	
6	BT-1306	C++ Programming	-	-	-	-	35	10	5	50	-	-	2	01	
7	BT-1307	Professional Skills	-	-	-	-	-	-	50	50	-	-	2	01	
8	EET-1308	Electrical Workshop	-	-	-	-	35	10	5	50	-	-	2	01	
Total			350	100	25	25	175	50	75	800	15	5	12	26	800

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical

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PROGRAMME: Bachelor of Technology
BRANCH : Electrical Engineering

SEMESTER: IV

S.No	Subject Code	Subject Name	Maximum Marks Allotted							Teaching hour Per Week			Total Credits	Remark	
			Theory Slot				Practical Slot			Total Marks	L	T			P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work							
								Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance						
1	BT-1401	Engineering Mathematics -III	70	20	5	5	-	-	-	100	3	1	-	04	One hour Lecture (L) refers to 1 credit, One hour Tutorial (T) refers to 1 credit, One hour Practical (P) refers to 0.5 credit.
2	EET-1402	Electrical Power Generation	70	20	5	5	-	-	-	100	3	1	-	04	
3	EET-1403	Electronic Device & Circuits	70	20	5	5	35	10	5	150	3	1	2	05	
4	EET-1404	Electrical Machine - II	70	20	5	5	35	10	5	150	3	1	2	05	
5	EET-1405	Analog & Digital Communication	70	20	5	5	35	10	5	150	3	1	2	05	
6	EET-1406	PCB Lab	-	-	-	-	35	10	5	50	-	-	2	01	
7	BT-1407	Social Engineering	-	-	-	-	-	-	50	50	-	-	2	01	
8	EET-1408	Electrical Software Lab- I	-	-	-	-	35	10	5	50	-	-	2	01	
Total			350	100	25	25	175	50	75	800	15	5	12	26	800

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical

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PROGRAMME: Bachelor of Technology
BRANCH : Electrical Engineering

SEMESTER: V

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Teaching hour Per Week			Total Credits	Remark	
			Theory Slot				Practical Slot			Total Marks	L	T			P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work							
								Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance						
1	BT-1501	Entrepreneurship & IPR	70	20	5	5	-	-	-	100	3	1	-	04	One hour Lecture (L) refers to 1 credit, One hour Tutorial (T) refers to 1 credit, One hour Practical (P) refers to 0.5 credit.
2	BT-1522	Electromagnetic Theory	70	20	5	5	-	-	-	100	3	1	-	04	
3	EET-1503	Transmission & Distribution of Electrical Power	70	20	5	5	35	10	5	150	3	1	2	05	
4	EET-1504	Digital Electronics	70	20	5	5	35	10	5	150	3	1	2	05	
5	EET-1505	Control Systems	70	20	5	5	35	10	5	150	3	1	2	05	
6	EET-1506	Electrical Software Lab -II	-	-	-	-	35	10	5	50	-	-	2	01	
7	EET-1507	Industrial Training-I	-	-	-	-	70	20	10	100	-	-	4	02	
8	BT-1508	#Indian Constitution	35	00	10	5	-	-	-	50	2	-	-	00	
TOTAL			350	100	25	25	210	60	30	800	17	5	12	26	800

#Mandatory (Non Credit) subject according to AICTE. Non University Examination, End Sem marks not to be included in total marks and credit. Students must pass in this subject.

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L: Lecture T: Tutorial P: Practical

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PROGRAMME : Bachelor of Technology

BRANCH : Electrical Engineering

SEMESTER: VI

S No.	Subject Code	Subject Name	Maximum Marks Allotted								Teaching Hour Per Week			Total Credits	Remark	
			Theory Slot				Practical Slot				Total Marks	L	T			P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work								
								Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance							
1	Refer Table -I	Open Elective	70	20	5	5	-	-	-	100	3	1	-	04	One hour Lecture (L) refers to 1 credit, One hour Tutorial (T) refers to 1 credit, One hour Practical (P) refers to 0.5 credit.	
2	EET-1602	Utilization of Electrical Power	70	20	5	5	-	-	-	100	3	1	-	04		
3	EET-1603	Switchgear & Protection	70	20	5	5	35	10	5	150	3	1	2	05		
4	EET-1604	Power Electronics	70	20	5	5	35	10	5	150	3	1	2	05		
5	EET-1605	Electronics Instrumentation & Measurement	70	20	5	5	35	10	5	150	3	1	2	05		
6	EET-1606	Electrical Engineering Simulation Lab	-	-	-	-	35	10	5	50	-	-	2	01		
7	BT-1607	Research Methodology	-	-	-	-	-	-	50	50	-	-	2	01		
8	EET-1608	GD/Seminar	-	-	-	-	-	-	50	50	-	-	2	01	Grand Total	
Total			350	100	25	25	140	40	120	800	15	5	12	26	800	

Table I: Open Elective

Subject Code	BT-16101	BT-16102	BT-16103
Name of Open Elective Subject	Ethical Hacking & Cyber Security	Human Health & Nutrition Disorder	Human Resource Management

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PROGRAMME: Bachelor of Technology

BRANCH : Electrical Engineering

SEMESTER: VII

SNo.	Subject Code	Subject Name	Maximum Marks Allotted								Teaching Hour Per Week			Total Credits	Remark	
			Theory Slot				Practical Slot				Total Marks	L	T			P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work								
								Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance							
1	Refer to Table-II	Professional Elective - I	70	20	5	5	-	-	-	100	3	1	-	04	One hour Lecture (L) refers to 1 credit, One hour Tutorial (T) refers to 1 credit, One hour Practical (P) refers to 0.5 credit.	
2	EET-1702	Non Conventional Energy Source	70	20	5	5	-	-	-	100	3	1	-	04		
3	EET-1703	Electrical Drives	70	20	5	5	35	10	5	150	3	1	2	05		
4	EET-1704	Protection of Power Systems	70	20	5	5	35	10	5	150	3	1	2	05		
5	EET-1705	Electrical Machine Design CAD Based	-	-	-	-	-	-	50	50	-	-	2	01		
6	EET-1706	Minor Project	-	-	-	-	105	40	5	150	-	-	6	03		
7	EET-1707	Industrial Training-II	-	-	-	-	70	25	5	100	-	-	4	02		
Total			280	80	20	20	245	85	70	800	12	04	16	24	800	

Table II: Professional Elective-I

Subject Code	EET-17101	EET-17102	EET-17103
Name of Professional Elective-I Subject	Computer Application to Power Systems	Generalized theory of Electrical Machine	Electrical Safety & Protection

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L: Lecture

T: Tutorial

P: Practical

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BRANCH : Electrical Engineering

SEMESTER: VIII

SNo.	Subject Code	Subject Name	Maximum Marks Allotted							Teaching Hour Per Week	Total Credits	Remark				
			Theory Slot				Practical Slot						Total Marks	L	T	P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work								
					Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance										
1	Refer to Table - III	Professional Elective - II	70	20	5	5	-	-	-	100	3	1	-	04	One hour Lecture (L) refers to 1 credit, One hour Tutorial (T) refers to 1 credit, One hour-Practical (P) refers to 0.5 credit.	
2	EET-1802	EHV AC / DC Transmission Systems	70	20	5	5	-	-	-	100	3	1	-	04		
3	EET-1803	Computer Aided Design of Electrical Machine	70	20	5	5	35	10	5	150	3	1	2	05		
4	EET-1804	Power System Operation & Control	70	20	5	5	35	10	5	150	3	1	2	05		
5	EET-1805	MATLAB	-	-	-	-	-	-	50	50	-	-	2	01		
6	EET-1806	Major Project	-	-	-	-	140	55	5	200	-	-	8	04		
7	BT-1807	Professional Ethics and Proficiency	-	-	-	-	35	10	5	50	-	-	2	01		
Total			280	80	20	20	245	85	70	800	12	04	16	24	800	

Table III: Professional Elective-II

Subject Code	EET-18101	EET-18102	EET-18103
Name of Professional Elective-II Subject	Power Quality	Power Systems Deregulation	Advanced Electrical Drive

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical