

PEOPLE'S UNIVERSITY, BHOPAL

Scheme of Examination

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

PROGRAMME: Bachelor of Technology

BRANCH : Information Technology

SEMESTER: III

S No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted Subject Wise			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	05	05	-	-	-	100	3	1	-	04	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.
2	BT-1312	Computer System Organization	70	20	05	05	-	-	-	100	3	1	-	04	
3	BT-1313	Data Structures & Algorithms	70	20	05	05	35	10	05	150	3	1	2	05	
4	BT-1314	Data Communication	70	20	05	05	35	10	05	150	3	1	2	05	
5	BT-1315	Object Oriented Programming	70	20	05	05	35	10	05	150	3	1	2	05	
6	BT-1306	C++ Programming	-	-	-	-	35	10	05	50	-	-	2	01	
7	BT-1307	Professional Skills	-	-	-	-	-	-	50	50	-	-	2	01	
8	BT-1318	Java Programming	-	-	-	-	35	10	05	50	-	-	2	01	
Total			350	100	25	25	175	50	75	800	15	05	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 : Information Technology

SEMESTER: IV

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								
								Performance, Lab Record & Assignment	Quiz/Attendance							
1	BT-1401	Engineering Mathematics -III	70	20	05	05	-	-	-	100	3	1	-	04	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.	
2	BT-1412	Digital Circuits & Systems	70	20	05	05	-	-	-	100	3	1	-	04		
3	BT-1413	Internet Technology	70	20	05	05	35	10	05	150	3	1	2	05		
4	ITT-1404	Information Theory and Coding	70	20	05	05	35	10	05	150	3	1	2	05		
5	ITT-1405	Analog Digital Circuits	70	20	05	05	35	10	05	150	3	1	2	05		
6	BT-1416	Dot net Lab	-	-	-	-	35	10	05	50	-	-	2	01		
7	BT-1407	Social Engineering	-	-	-	-	-	-	50	50	-	-	2	01		
8	BT-1418	Hardware Lab	-	-	-	-	35	10	05	50	-	-	2	01		
Total			350	100	25	25	175	50	75	800	15	05	12	26	800	

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

L: Lecture

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BRANCH : Information Technology

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	05	05	-	-	-	100	3	1	-	04	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.	
2	BT-1512	Discrete Structure	70	20	05	05	-	-	-	100	3	1	-	04		
3	ITT-1503	Analysis and Design of Algorithm	70	20	05	05	35	10	05	150	3	1	2	05		
4	BT-1514	Database Management System	70	20	05	05	35	10	05	150	3	1	2	05		
5	ITT-1505	Computer Graphics and Multimedia	70	20	05	05	35	10	05	150	3	1	2	05		
6	BT-1516	MATLAB	-	-	-	-	35	10	05	50	-	-	2	01		
7	ITT-1507	Industrial Training-I	-	-	-	-	70	20	10	100	-	-	4	02		
8	BT-1508	#Indian Constitution	35	00	10	05	-	-	-	50	2	-	-	00		Grand Total
TOTAL			350	100	25	25	210	40	60	800	17	05	12	26	800	

Mandatory (Non Credit) subject as per UGC & 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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BRANCH : Information Technology

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	05	05	-	-	-	100	3	1	-	04 One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.		
2	ITT-1602	Software Project Management	70	20	05	05	-	-	-	100	3	1	-		04	
3	ITT-1603	Compiler Design	70	20	05	05	35	10	05	150	3	1	2		05	
4	BT-1614	Computer Network	70	20	05	05	35	10	05	150	3	1	2		05	
5	ITT-1605	System Programming and Operating System	70	20	05	05	35	10	05	150	3	1	2		05	
6	BT-1616	Web Designing Lab	-	-	-	-	35	10	05	50	-	-	2		01	
7	BT-1607	Research Methodology	-	-	-	-	-	-	50	50	-	-	2		01	
8	BT-1608	GD/Seminar	-	-	-	-	-	-	50	50	-	-	2		01	
Total			350	100	25	25	140	40	120	800	15	05	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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BRANCH : Information Technology

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	05	05	-	-	-	100	3	1	-	04	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.
2	BT-1712	Network Security & Cryptography	70	20	05	05	-	-	-	100	3	1	-	04	
3	ITT-1703	Python Programming	70	20	05	05	35	10	05	150	3	1	2	05	
4	BT-1714	Artificial Intelligence & Neural Network	70	20	05	05	35	10	05	150	3	1	2	05	
5	BT-1715	Programming with PHP	-	-	-	-	-	-	50	50	-	-	2	01	
6	ITT-1706	Minor Project	-	-	-	-	105	40	05	150	-	-	6	03	
7	ITT-1707	Industrial Training-II	-	-	-	-	70	25	05	100	-	-	4	02	
Total			280	80	20	20	245	85	70	800	12	4	16	24	800

Table II: Professional Elective-I

Subject Code	ITT-17101	ITT-17102	ITT-17103
Name of Professional Elective-I Subject	Internet Of Things	Backup and DR	Advance Computer Architecture

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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	05	05	-	-	-	100	3	1	-	04	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.
2	BT-1812	Machine Learning	70	20	05	05	-	-	-	100	3	1	-	04	
3	BT-1813	Data Warehousing & Mining	70	20	05	05	35	10	05	150	3	1	2	05	
4	BT-1814	Web Engineering	70	20	05	05	35	10	05	150	3	1	2	05	
5	BT-1815	Android Application Development	-	-	-	-	-	-	50	50	-	-	2	01	
6	ITT-1806	Major Project	-	-	-	-	140	55	05	200	-	-	8	04	
7	BT-1807	Professional Ethics and Proficiency	-	-	-	-	35	10	05	50	-	-	2	01	
Total			280	80	20	20	245	85	70	800	12	04	16	24	800

Table III: Professional Elective-II

Subject Code	ITT-18101	ITT-18102	ITT-18103
Name of Professional Elective –II Subject	Digital Image Processing	Big Data Analytics	Cloud Computing

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

L: Lecture

T: Tutorial

P: Practical