

I Semester



IPS Academy, Institute of Engineering & Science, Indore

(A UGC Autonomous Institute, Affiliated to RGPV, Bhopal)

Bachelor of Technology (B.Tech.)

Common to All Branches

First Year First Semester, Group-A (CSE, CSE-DS, RL, EC, EX, FT)



S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Semester	Term work Lab Work & Sessional					
1.	BSC-101	BSC	Calculus and Linear Algebra	70	20	10	-	-	100	3	1	0	4
2.	BSC-102	BSC	Optics & Modern Physics	70	20	10	60	40	200	2	1	2	4
3.	ESC-101	ESC	Engineering Graphics & Visualization	70	20	10	60	40	200	3	0	2	4
4.	ESC-102	ESC	Basic Electrical & Electronics Engineering	70	20	10	60	40	200	2	1	2	4
5.	ESC-103	ESC	Programming for Problem Solving	70	20	10	60	40	200	3	0	2	4
6.	MC-1	MC	Design Thinking	-	-	-	-	-	-	0	0	4	0
			Total	350	100	50	240	160	900	13	03	12	20



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I Semester

First Year First Semester, Group-B (CSIT, CSE-IOT, CS-IML, AIML, CE, CM, ME)

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem.	Quiz/ Assignment	End Semester	Term work Lab Work & Sessional					
1.	BSC-101	BSC	Calculus and Linear Algebra	70	20	10	-	-	100	3	1	0	4
2.	BSC-202	BSC	Applied Chemistry	70	20	10	60	40	200	2	1	2	4
3.	ESC-201	ESC	Basic Civil Engineering & Engineering Mechanics	70	20	10	60	40	200	2	1	2	4
4.	ESC-202	ESC	Basic Mechanical Engineering & Manufacturing Practices	70	20	10	60	40	200	2	1	2	4
5.	ESC-203	ESC	Electronics & Computer Workshops	-	-	-	60	40	100	0	0	2	1
6.	HSMC-101	HSMC	English	70	20	10	60	40	200	2	0	2	3
7.	MC-1	MC	Design Thinking	-	-	-	-	-	-	0	0	4	0
			Total	350	100	50	300	200	1000	11	04	14	20