



**IPS Academy, Institute of Engineering & Science**  
(A UGC Autonomous Institute, Affiliated to RGPV, Bhopal)

I Year, I Semester, Group A [CSE, CSE-DS, RC, CE, FT]

S. No.	Course Type	Course Code	Course Title	Hours per week			Credits
				L	T	P	
1	BSC	MA01	Linear Algebra	2	1	-	3
2	BSC	PY01	Optics and Modern Physics	3	-	-	3
3	ESC	ME01	Engineering Graphics and Visualization	2	-	-	2
4	ESC	CE01	Basic Civil Engineering	2	-	-	2
5	ESC	EC01	Basic Electronics Engineering	2	-	-	2
6	ESC	CS01	Programming for Problem Solving	2	-	-	2
7	BSC	PY01(P)	Optics and Modern Physics Lab	-	-	2	1
8	ESC	ME01(P)	Engineering Graphics Lab	-	-	2	1
9	ESC	CE01(P)	Basic Civil Engineering Lab	-	-	2	1
10	ESC	CS01(P)	Programming for Problem Solving Lab	-	-	2	1
11	SBC	EC01(P)	Electronics and Computer Workshop	-	-	2	1
12	HSMC	HS01	Design Thinking	-	-	2	1



IPS Academy, Institute of Engineering & Science

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

I Year, I Semester, Group B [CSIT, AIML, AG, EC, EEE, CM, ME, CSIT-CS, IOT]

S.No.	Course Type	Course Code	Course Title	Hours per week			Credits
				L	T	P	
1	BSC	MA02	Calculus	2	1	-	3
2	BSC	CH01	Applied Chemistry	3	-	-	3
3	ESC	ME02	Fundamentals of Mechanical Engineering	2	-	-	2
4	ESC	CE02	Engineering Mechanics	2	-	-	2
5	ESC	EE01	Basic Electrical Engineering	2	-	-	2
6	HSMC	HS02	Communicative English	2	-	-	2
7	BSC	CH01(P)	Applied Chemistry Lab	-	-	2	1
8	ESC	CE02(P)	Engineering Mechanics Lab	-	-	2	1
9	ESC	EE01(P)	Basic Electrical Engineering Lab	-	-	2	1
10	HSMC	HS02(P)	Language Lab	-	-	2	1
11	SBC	ME01(P)	Tech. Shop Lab	-	-	2	1



**PSAcademy,InstituteofEngineering&Science**  
**(AUGCAutonomousInstitute,AffiliatedtoRGPV, Bhopal)**