JSPM UNIVERSITY PUNE
Faculty of Science and Technology (FST)
School of Basic and Applied Sciences
Course Structure: B.Sc. Computer Science (DS and AI)

Semester – I
Level 4.5

Sr. No.	Course Type	Course Code	Course Name	Teaching Scheme (Hrs. per week)				Examination and Marking Scheme			Credits
				L	T	P	EL	TH	PR	OR	
1	BSC	230GMAB04_01	Applied Statistics	2	1	-	-	100	-	-	3
2	BSC	230GMAB02_01	Discrete Mathematics	2	1	-	-	100	-	-	3
3	PCC	230GDIB01_01	Fundamentals of Computer Programming using Python	3	-	-	-	100	-	-	3
4	PCC	230GSCB02_01	Database Management Systems	2	-	-	2	100	-	-	2.5
5	SEC	230VBCB09_01	Financial Literacy	2	-	2	-	-	50	50	3
6	IKS (HSMC)	230UHIB02_01	Wisdom through Ancient Indian History	2	-	-	-	50	-	-	2
7	VEC/EEC (HSMC)	230GCEB02_01	Environment and Sustainability	2	-	-	-	50	-	-	2
8	LC	230GDIB02_01	Python Programming Lab	-	-	2	-	-	50	-	1
9	LC	230GSCB04_01	Database Management Systems Lab	-	-	2	-	-	50	-	1
10	LLC	230UPYB01_01	Yoga and Fitness	-	-	2	2	-	-	50	1.5
Total Academic Engagement and Credits				15	2	8	4	500	200	50	22
				25				750			

Dr. A. S. Deshpande
Academic Coordinator
FST

Dr. R. S. Deshpande
Dean
FST

Dr. B. B. Ahuja
Vice Chancellor
JSPM University Pune
JSPM University
Pune

JSPM UNIVERSITY PUNE
Faculty of Science and Technology (FST)
School of Basic and Applied Sciences
Course Structure: B.Sc. Computer Science (DS and AI)

Semester – II
Level 4.5

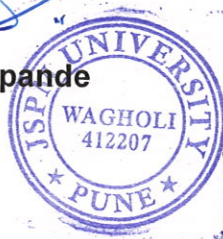| Sr. No.	Course Type	Course Code	Course Name	Teaching Scheme (Hrs. per week)				Examination and Marking Scheme			Credits
				L	T	P	EL	TH	PR	OR	
1	BSC	230GMAB05_02	Basic Calculus	2	-	-	-	100	-	-	2
2	PCC	230GDIB03_02	Programming in C	3	-	-	-	100	-	-	3
3	PCC	230GSCB06_02	Relational Database Management Systems	2	1	-	-	50	-	-	3
4	MMC	230VBBB03_02	Essentials of Human Resource Management	2	-	-	-	100	-	-	2
5	SEC	230VBCB10_02	Advanced Excel	2	-	2	-	-	50	50	3
6	VSC	230IDCB01_02	Design Thinking and Creativity	1	-	-	2	-	-	50	1.5
7	AEC (HSMC)	230UENB01_02	Effective Communication Skills	1	-	2	-	50	-	-	2
8	LC	230GSCB03_02	C Programming Lab	-	-	2	-	-	50	-	1
9	LC	230GSCB07_02	Relational Database Management Systems Lab	-	-	2	-	-	50	-	1
10	LLC	230UPYB02_02	Mind Fullness and Wellbeing	1	-	-	2	-	-	50	1.5
11	IITP/ FP/ CEP	230GDIB04_01	Internship / Field Project / Community Engagement Programme	4 to 6 weeks				-	-	50	2
Total Academic Engagement and Credits				14	1	8	4	400	150	200	22
				23				750			

Note: A **Certificate** will be awarded if a student exits after first year. For Exit at the end of first year the student must complete: (Total credits = 8)
a) An internship / OJT of 8 - 10 weeks (4 credits)
b) Additional Course 1 (4 credits) (Course offered will be Vocational Skill Course (VSC) or Skill Enhancement Course (SEC))

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