





JSPM UNIVERSITY PUNE
Faculty of Science and Technology
School of Computational Sciences
Course Structure: M. Tech. (Information Security)

Semester – I
Level - 6.5

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	
01	PSMC	230GMAM02_01	Advanced Numerical Methods	2	1	-	-	100	-	-	3
02	PCC	230GCSM01_01	Design and Analysis of Algorithms	2	-	-	-	100	-	-	2
03	PCC	230GCSM02_01	System Modeling and Design	3				100			3
04	PCC	230GCSM03_01	Soft Computing	2			2	100			2.5
05	MMC	230GRAM24_01	Sensors and Automation	1	-	2	-	-	50	50	2
06	SEC	230GCSM19_01	R Programming	2		2			50	50	3
07	VSC	230IDCB01_01	Design Thinking and Creativity	1	-	-	2	-	-	50	1.5
08	AEC (HSMC)	230UENM01_01	Communicative English for Professionals	1	-	2	-	50	-	-	2
09	RMC	230IRMM01_01	Research Methodology	2	-	-	-	50	-	-	2
10	LC	230GCSM20_01	Design and Analysis of Algorithms Lab	-	-	2	-	-	50	-	1
Total Academic Engagement and Credits				16	1	8	4	500	150	150	22
				25			4	800			


Dr. R. R. Chakre
 Programme Coordinator
 FST


Dr. R. S. Deshpande
 Dean
 FST


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





JSPM UNIVERSITY PUNE
Faculty of Science and Technology
School of Computational Sciences
Course Structure: M. Tech. (Information Security)

Semester – II
Level – 6.5

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	
01	PSMC	230GMAM03_02	Probability and Statistics	2	1	-	-	100	-	-	3
02	PCC	230GISM01_02	Security Architecture	2	1	-	-	100	-	-	3
03	PCC	230GISM02_02	IT Acts and Cyber Laws	3	-	-	2	100	-	-	3.5
04	PCC	230GISM03_02	Cyber Security	2	-	-	-	100	-	-	2
05	MMC	230GETM16_02	IoT Basics and Applications	1	-	2	-	-	50	50	2
06	VSC	230IINB02_02	Innovation	1	-	-	2	-	-	50	1.5
07	AEC (HSMC)	230UENM02_02	Business Communication	1	-	2	-	50	-	-	2
08	RMC	230IRMM02_02	Research Design and Techniques	2	-	-	-	50	-	-	2
09	LC	230GISM04_02	Cyber Security Lab	-	-	2	-	-	50	-	1
10	IITP/FP/CEP	230GISM05_02	Internship/Field Project/Community Engagement Programme	4 to 6 weeks				-	-	50	2
Total Academic Engagement and Credits				14	2	6	4	500	100	150	22
				22				750			

Note: A **Postgraduate Diploma** 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)

- An internship / OJT of 8 - 10 weeks (4 credits)
- Additional Course 1 (4 credits) (Vocational Skill Course (VSC) / Skill Enhancement Course (SEC))

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