

School of Computer Science and Engineering

Department of Computer Science and Engineering

M. Tech CSE (With specialization in Cloud Technology and Information Security) Semester – I

				Teac (H	hing Irs./V			Exar	Examination		Examination Scheme			Total
Sr. No.	Core	Course Code	Course Name	L	Т	P	C	Formative Assessment CIA		Summ Assess ES	ment	Marks		
								Course	Lab	Course	Lab			
1	PC	PCI101	Advanced Operating System	3	1	1	4	50	1	50		100		
2	PC	PCI102	Information Security	3			3	50	-	50		100		
3	UC	17RDP101	Research Methodology	4		1	4	50		50		100		
4	PC	PCI103	Cloud Architecture	3	1		4	50		50		100		
5	PE	PCIE	Program Elective I	3	1		4	50	-	50		100		
6	PC	PCI111	Information Security Laboratory			4	2		25		25	50		
7	PC	PCI112	Cloud Computing Laboratory			4	2		25		25	50		
	TOTAL			16	02	8	23	250	50	250	50	600		

CIA: Continuous Internal Assessment	#: Internship for 15 days.	CIA	Weightage	Description
L: Theory Lecture	*: Oral Examination	CIA 1	10%	Home Assignment
T: Tutorial	UC: University Core	CIA 2	20%	Mid-Term Exam (MTE)
1. Tutoriai	C. University Core			Activity/Project and Research
P: Practical	PC: Programme Core	CIA 3	10%	based Learning with Seminar
TH: Theory Exam.	PE : Programme Elective			Presentation
TH. Theory Exam.	FE. Flogramme Elective	CIA 4	10%	Discipline and Attendance
		TOTAL	50%	

Program Elective I:

- 1) Advanced Storage Technology(**PCIE01**)
- 2) Advanced Network Administration(PCIE02)
- 3) System Security Management (PCIE03)
- 4) Principles of Secure Coding (PCIE04)



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Semester – II

				Teaching Scheme (Hrs./Week)		R. Vamination Scheme					me	Total
Sr. No.	Core	Course Code	Course Name	L	Т	P	C	Forma Assessi CIA	nent	Summa Assessi ESI	nent	Marks
								Course	Lab	Course	Lab	
1	PC	PCI201	Cloud Security	3			3	50	-	50		100
2	PC	PCI202	Wireless and Mobile Security	3	1		4	50		50		100
3	PC	PCI203	Internet of Things	3	1		4	50		50		100
4	PE	PCIE_	Program Elective II	3			3	50		50		100
5	PC	PCI211	Wireless Communication Laboratory			4	2		25		25	50
6	PC	PCI212	Internet of Things Laboratory			4	2		25		25	50
7	PC	PCI213	Seminar-I			8	4		50		50	100
	TOTAL			12	02	16	22	200	100	200	100	600

CIA: Continuous Internal	#: Internship for 15 days.	CIA	Weightage	Description
Assessment	*: Oral Examination	CIA 1	10%	Home Assignment
I. Theory I acture	UC: University Core	CIA 2	20%	Mid-Term Exam (MTE)
L: Theory Lecture	oc. Oniversity Core			Activity/Project and Research
T: Tutorial	PC: Programme Core	CIA 3	10%	based Learning with Seminar
P: Practical	PE: Programme Elective			Presentation
1. I factical	1 E. I logialilile Elective	CIA 4	10%	Discipline and Attendance
TH: Theory Exam.		CIA	1070	Discipline and Attendance



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Semester – III

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Sr. No.	Core	Course Code	Course Name	L	Т	P	С	Form Assess CIA	ment		native sment E	Total Marks
								Course	Lab	Course	Lab	
1	PC	PCI301	Applied Cyber Security	4			4	50		50		100
2	PC	PCI302	Machine Learning	3	1		4	50		50		100
3	PE	PCIE_	Program Elective III	4			4	50		50		100
4	PC	PCI311	Seminar-II			8	4		50		50	100
5	UC	PCI312	Dissertation Stage-I			16	8		50		50	100
TOTAL		11	01	24	24	150	100	150	100	500		

CIA: Continuous Internal Assessment	#: Internship for 15 days.	CIA	Weightage	Description
L: Theory Lecture T: Tutorial	*: Oral Examination UC: University Core	CIA 1	10%	Home Assignment
P: Practical	PC: Programme Core	CIA 2	20%	Mid-Term Exam (MTE)
TH: Theory Exam.	PE: Programme Elective	CIA 3	10%	Activity/Project and Research based Learning with Seminar Presentation
		CIA 4	10%	Discipline and Attendance
		TOTAL	50%	

Program Elective III:

- 1)Software Design Techniques and Security (PCIE08)
- 2) Information Security Management and Standards (PCIE09)
- 3) Penetration Testing and Vulnerability Assessment (PCIE10)
- 4) Mobile and Digital Forensics (PCIE11)



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Semester – IV

				Teaching Scheme (Hrs./Week)								
Sr. No.	Core	Course Code	Course Name	L	Т	P	С	Forma Assessi CLA	nent	Summ Assess ES	ment	Total Marks
								Course	Lab	Course	Lab	
1	PC	PCI411	Seminar -III			4	4		50		50	100
2	UC	PCI412	Dissertation Stage-II			16	8		100		100	200
TOTAL		00	00	20	12	00	150	00	150	300		

CIA: Continuous Internal Assessment	#: Internship for 15 days.	CIA	Weightage	Description
L: Theory Lecture	*: Oral Examination	CIA 1	10%	Home Assignment
T: Tutorial	IIC. University Cons	CIA 2	20%	Mid-Term Exam (MTE)
1. Tutoriai	UC: University Core			Activity/Project and Research
P: Practical	PC: Programme Core	CIA 3	10%	based Learning with Seminar
TH: Theory Exam.	PE: Programme Elective			Presentation
TH. Theory Exam.	F.E. Flogramme Elective	CIA 4	10%	Discipline and Attendance
		TOTAL	50%	