Chhattisgarh Swami Vivekananda Technical University, Bhilai (C.G.)

Scheme of Teaching, Examination & Evaluation

M. Tech. (e-Security)

Department: INFORMATION TECHNOLOGY

1st Semester

S. No	Board of Study	Subject Code	Subject	Period s per Week			Scheme of Examination			Total Marks	Credit L+(T+P) / 2
				L	T	P	Theory / Practical				
							ESE	CT	TA		
1	Computer Sc. & Engg.	571111 (22)	Mathematical Foundation of Information Security	3	1	-	100	20	20	140	4
2	Information Technology	577111 (33)	Network System Architecture	3	1	-	100	20	20	140	4
3	Information Technology	577112 (33)	Data and Knowledge Security	3	1	-	100	20	20	140	4
4	Information Technology	577113 (33)	Coding Techniques for Secure Transaction	3	1	-	100	20	20	140	4
5	*Refer Table – I*		*Elective –I*	3	1	-	100	20	20	140	4
6	Information Technology	577121 (33)	Data & Knowledge Security Lab	-	-	3	75	-	75	150	2
7	Information Technology	577122 (33)	Network Simulation Lab	-	-	3	75	-	75	150	2
Total				**15**	**5**	**6**	**650**	**100**	**250**	**1000**	**24**

L- Lecture   T- Tutorial   P- Practical   ESE- End Semester Exam   CT- Class Test

TA- Teacher's Assessment

TABLE –I			
ELECTIVE -I			
S. No	Board of Study	Subject Code	Subject
1	Information Technology	577131 (33)	Security Issues In Operating System
2	Information Technology	577132 (33)	Distributed Systems
3	Information Technology	577133 (33)	E – Commerce & Web Security

Note (1) Choice of elective once made for an examination cannot be changed in future examinations.

Note (2) Examination Duration of all Theory papers will be of THREE hours.

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2nd Semester

S. No	Board of Study	Subject Code	Subject	Period s per Week			Scheme of Examination Theory / Practical			Total Marks	Credit L+(T+P) / 2
				L	T	P	ESE	CT	TA		
1	Information Technology	577211 (33)	Trusted Internet	3	1	-	100	20	20	140	4
2	Information Technology	577212 (33)	Business Ethics and Cyber Laws	3	1	-	100	20	20	140	4
3	Information Technology	577213 (33)	Advanced Cryptography	3	1	-	100	20	20	140	4
4	Information Technology	577214 (33)	Security Threats and Management	3	1	-	100	20	20	140	4
5	*Refer Table - II*		*Elective - II*	3	1	-	100	20	20	140	4
6	Information Technology	577221 (33)	Secured Operating System Lab	-	-	3	75	-	75	150	2
7	Information Technology	577222 (33)	Image Processing and Security Lab	-	-	3	75	-	75	150	2
Total				15	5	6	650	100	250	1000	24

L- Lecture   T- Tutorial   P- Practical   ESE- End Semester Exam CT- Class Test TA- Teacher's Assessment

TABLE –II			
ELECTIVE –II			
S. No	Board of Study	Subject Code	Subject
1	Information Technology	577231 (33)	Mobile Wireless Security
2	Computer Sc. & Engg.	571233 (22)	Grid Computing
3	Information Technology	577232 (33)	Steganography & Water Marking

Note (1) Choice of elective once made for an examination cannot be changed in future examinations.

Note (2) Examination Duration of all Theory papers will be of THREE hours.

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3rd Semester

S. No	Board of Study	Subject Code	Subject	Period s per Week			Scheme of Examination Theory / Practical			Total Marks	Credit L+(T+P) / 2
				L	T	P	ESE	CT	TA		
1	Information Technology	577311 (33)	Information Assurance & Cyber Security	3	1	-	100	20	20	140	4
2	Refer Table - III		Elective – III	3	1	-	100	20	20	140	4
3	Information Technology	577321 (33)	Preliminary work on Dissertation	-	-	28	100	-	100	200	14
4	Information Technology	577322 (33)	Seminar on Industrial Training & Dissertation	-	-	3	-	-	20	20	2
Total				6	2	31	300	40	160	500	24

L- Lecture   T- Tutorial   P- Practical   ESE- End Semester Exam CT- Class Test TA- Teacher's Assessment

TABLE –III			
ELECTIVE -III			
S. No	Board of Study	Subject Code	Subject
1	Information Technology	577331 (33)	Biometrics Security
2	Information Technology	577332 (33)	Security Issues in Wireless Adhoc Network
3	Computer Science & Engineering	571332(22)	Cloud Computing

Note (1) Choice of elective once made for an examination cannot be changed in future examinations.

Note (2) Examination Duration of all Theory papers will be of THREE hours.

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4th Semester

S. No	Board of Study	Subject Code	Subject	Period s per Week			Scheme of Examination Theory / Practical			Total Marks	Credit L+(T+P) / 2
				L	T	P	ESE	CT	TA		
1	Information Technology	577421(33)	Project + Seminar	6	-	34	300	-	200	500	23
Total				**6**	**-**	**34**	**300**	**-**	**200**	**500**	**23**

L- Lecture   T- Tutorial   P- Practical   ESE- End Semester Exam CT- Class Test TA- Teacher's Assessment