



### M.Sc. Cyber Security & Digital Forensics

Semester	Papers		No. of Hours per week				Credits	Marks		
	No	Name	Theory	other	Practical	Total		Internal	External	Total
Sem - I	CSF401	Fundamentals of Cyber Security	3	1		4	4	40	60	100
	CSF402	Web Application Security	3	1		4	4	40	60	100
	CSF403	Cryptography and Basics of MSF	3	1		4	4	40	60	100
	CSF404	Data Communication & Computer Networks	3	1		4	4	40	60	100
	CSF405 PR	Practical-1 + Viva Voce			6	6	4	40	60	100
	CSF406 PR	Practical-2 + Viva Voce			6	6	4	40	60	100
	<b>Total</b>			<b>12</b>	<b>4</b>	<b>12</b>	<b>28</b>	<b>24</b>		
Sem - II	CSF407	IT Network Security	3	1		4	4	40	60	100
	CSF408	Mobile Application Security	3	1		4	4	40	60	100
	CSF409	Information Security Management System	3	1		4	4	40	60	100
	CSF410	Metasploit Framework-I	3	1		4	4	40	60	100
	CSF411 PR	Practical-1 + Viva Voce			6		4	40	60	100
	CSF412 PR	Practical-2 + Viva Voce			6		4	40	60	100
	<b>Total</b>			<b>12</b>	<b>4</b>	<b>12</b>	<b>28</b>	<b>24</b>		



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EDUCATION TO INNOVATION

Semester	Paper		No. of Hours per week				Credits	Marks		
	No	Name	Theory	Other	Practical	Total		Internal	External	Total
Sem – III	CSF501	Security Monitoring	3	1		4	4	40	60	100
	CSF502	Cyber Crime Investigation & Forensic	3	1		4	4	40	60	100
	*CSF503	Metasploit Framework-II	3	1		4	4	40	60	100
	*CSF504	Cloud Security								
	CSF505	Mini Project	0	8		4	4	0	100	100
	CSF506 PR	Practical-1 + Viva Voce			6	6	4	40	60	100
	CSF507 PR	Practical-2 + Viva Voce			6	6	4	40	60	100
	<b>Total</b>			<b>12</b>	<b>4</b>	<b>12</b>	<b>28</b>	<b>24</b>	<b>0</b>	<b>0</b>
Sem – IV	CSF508	Dissertation					20	200	300	500
	CSF509	Training/internship					4	40	60	100
	<b>Total</b>						<b>24</b>			<b>600</b>

\* The Elective is offered in the following disciplines:

- CSF503 – Metasploit Framework-I
- Or
- CSF504 Cloud Security