

**Brach Code: 59, Branch Name: Computer Engineering (Cyber Security) w.e.f. Jan-2018**

Subject Code	Subject Name	Theory	Tutorial/ Presentation	Practical	Credits	Theory Marks		Tutorial/Practical Marks				Total Marks
						ESE (E)	PA (M)	ESE (V)		PA (I)		
								ESE	OEP	PA	RP	
2725901	Defense Programming in Python	3	0	2#	4	70	30	20	10	10	10	150
2725902	Internetworking and Security	4	0	2#	5	70	30	20	10	10	10	150
2725903	Ethical Hacking	4	0	2#	5	70	30	20	10	10	10	150
	Major Elective II	4	0	2#	5	70	30	20	10	10	10	150
	Major Elective III	3	0	2#	4	70	30	20	10	10	10	150

Major Elective II	
2725904	Web and Database Security
2725905	Risk Assessment and Security Audit
2725906	Cryptoanalysis: Fundamentals and Applications

<b>ESE</b>	<b>End Semester Exam</b>
<b>PA</b>	<b>Progressive Assessment</b>
<b>OEP</b>	<b>Open Ended Problem</b>
<b>RP</b>	<b>Review Presentation</b>

Major Elective III	
2725907	Data Center Management
2725908	Malware Analysis
2725909	Cryptography: Protocols and Standards

# The concerned faculty member shall provide the list of peer reviewed Journals and Tier-I & Tier-II Conferences relating to the subject (or relating to the area of thesis for seminar) of the students in the beginning of the semester i.e. within 10 days. The same list will be uploaded on GTU website within the first two weeks of the start of the semester. Every student or a group of students shall critically study 2 research papers, integrate the details and make presentation in the last two weeks of the semester. The GTU marks entry portal will allow entry of marks to institutes only after uploading of the best 3 presentations of the students. A unique id number will be generated only after uploading the presentations. Thereafter the entry of marks will be allowed. The best 3 presentations of each college will be uploaded on GTU website.