Brach Code: 59, Branch Name: Computer Engineering (Cyber Security)   w.e.f. July-2017

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		
2710001	Research Skills	1	2	0	2	0	0	80	0	20	0		100
2715901	Mathematical Foundation for Cyber Security**	3	2	0	4	70	30	20	10	10	10		150
2715902	Operating System and Host Security	4	0	2#	5	70	30	20	10	10	10		150
2715903	Introduction to Cryptography	4	0	2#	5	70	30	20	10	10	10		150
	Major Elective I	4	0	2#	5	70	30	20	10	10	10		150

	Major Elective I
2715904	Cyber Forensic and Incident Response
2715905	Cyber Crimes , Ethics and Laws
2715906	Cyber Security: Administration and Management

ESE	End Semester Exam
PA	Progressive Assessment
OEP	Open Ended Problem
RP	Review Presentation

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.

** Every Student should be allocated a chapter each and find Engineering applications for that chapter. He/ She should prepare a write up including graphics/pictures/video to illustrate the application. These should be submitted online to GTU.
The write up should give proper references along with a certificate that it was not plagiarized material. GTU will put it on the web for all to use.