

VIII Semester

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per Week			Total Credit
				Theory			Practical			L	T	P	
				End Sem	Mid Sem	Quiz / Assignment	End Sem	Term Work /Lab Work & Sessional					
1.	BCST-801 BCSP-801	DC	Advanced Operating Systems	100	30	20	30	20	200	3	1	2	5
2.	BCST -802 BCSP-802	DC	Cryptography & Network Security	100	30	20	30	20	200	3	1	2	5
3.	BCST -803	DE	Departmental Elective	100	30	20	-	-	150	3	1	0	4
4.	BOCS-804	OE	Open Elective	100	30	20	-	-	150	3	1	0	4
5	BCSP -805	P	Major Project	-	-	-	100	100	200	0	0	8	4
Total				400	120	80	120	130	900	12	4	12	22
NSS/NCC													

Departmental Electives		Open Electives	
BCST 803 (A)	Speech and Natural Language Processing	BOCS -804(A)	Fault Tolerant Computing
BCST 803 (B)	Embedded Systems	BOCS -804 (B)	Artificial Intelligence
BCST 803 (C)	Queuing Theory and Modeling	BOCS 804 (C)	Cognitive Radio Networks
BCST 803 (D)	Cloud Security	BOCS 804 (D)	Service Oriented Architecture
BCST 803 (E)	Blockchain	BOCS 804 (E)	Subject from SWAYAM etc

Note: 20% of subjects can be allowed to be taken online through SWAYAM or any other international Institute.

Specialisation:

- A separate list of additional credits will be released for Minor/Specialisation degree
- Additional 18 credits are to be earned for degree with specialisation.
- In final semester of degree students may be allowed for two subjects online and other subjects can be completed in 6-8 weeks.