

CREDIT INFO		
S.no	Catagory	Credits
1	Programme Core	24
2	Programme Elective	21
3	University Core	29
4	University Elective	6
Total Credits		80

Programme Core									
sl.no	Course Code	Course Title	Course Type	Ver sio n	L	T	P	J	Credits
1	ITA5002	Problem solving with Data structures and Algorithms	Embedded Theory and Lab	1.0	3	0	2	0	4.0
2	ITA5003	Data Communication and Networking	Theory Only	1.1	3	0	0	0	3.0
3	ITA5004	Object Oriented Programming using JAVA	Embedded Theory and Lab	1.0	2	0	2	0	3.0
4	ITA5005	Object Oriented Software Engineering	Theory Only	1.1	3	0	0	0	3.0
5	ITA5006	Distributed Operating Systems	Embedded Theory and Project	1.0	2	0	0	4	3.0
6	ITA5007	Data Mining and Business Intelligence	Embedded Theory and Project	1.0	3	0	0	4	4.0
7	ITA5008	Database Technologies	Embedded Theory and Lab	1.0	3	0	2	0	4.0

Programme Elective									
sl.no	Course Code	Course Title	Course Type	Ver sio n	L	T	P	J	Credits
1	ITA6001	Mobile Application Design and Development	Embedded Theory and Project	1.0	3	0	0	4	4.0
2	ITA6002	Programming in C#	Embedded Theory and Lab	1.1	3	0	2	0	4.0
3	ITA6003	Internet and Web Programming	Embedded Theory, Lab and Project	1.0	2	0	2	4	4.0
4	ITA6004	Soft Computing	Embedded Theory and Project	1.0	3	0	0	4	4.0
5	ITA6005	Online Transaction using Mainframe Computing	Theory Only	1.0	3	0	0	0	3.0
6	ITA6006	Storage Systems and Management	Theory Only	1.1	3	0	0	0	3.0
7	ITA6007	Network and Information Security	Embedded Theory and Project	1.0	3	0	0	4	4.0

Programme Elective									
8	ITA6008	Big Data Analytics	Embedded Theory and Project	1.0	3	0	0	4	4.0
9	ITA6009	Cloud Computing	Embedded Theory and Project	1.0	3	0	0	4	4.0
10	ITA6010	Internet of Things	Embedded Theory and Project	1.0	3	0	0	4	4.0
11	ITA6011	Advanced Computer Architecture	Embedded Theory and Project	1.0	3	0	0	4	4.0
12	ITA6012	Semantic Web	Embedded Theory and Project	1.0	3	0	0	4	4.0
13	ITA6013	Advanced Software Testing	Embedded Theory and Lab	1.1	3	0	2	0	4.0
14	ITA6014	Software Process and Metrics	Theory Only	1.1	3	0	0	0	3.0
15	ITA6016	Machine Learning	Embedded Theory and Lab	1.0	3	0	2	0	4.0
16	ITA6017	Python Programming	Embedded Theory and Lab	1.0	2	0	2	0	3.0
17	ITA6018	Digital Forensics	Embedded Theory and Project	1.0	3	0	0	4	4.0
18	ITA6019	Game Programming	Embedded Theory and Lab	1.0	3	0	2	0	4.0

University Core									
sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credits
1	EFL6097	English and Foreign Language	Basket	1.0	0	0	0	0	2.0
2	ITA5001	Software Project Management	Theory Only	1.1	2	0	0	0	2.0
3	ITA6099	Masters Thesis	Project	2.0	0	0	0	0	16.0
4	MAT5007	Applied Statistical Methods	Embedded Theory, Lab and Project	1.0	1	0	2	4	3.0
5	SET5001	Science, Engineering and Technology Project - I	Project	1.0	0	0	0	0	2.0
6	SET5002	Science, Engineering and Technology Project - II	Project	1.0	0	0	0	0	2.0
7	STS5777	Soft Skills MCA	Basket	1.0	0	0	0	0	2.0