

Semester wise course plan

SEMESTER - 1								
#	Course Code	Course Title	Course Type	Credit				Credit Units
				L	T	PS	SW	
1	CSE645	Advance Data Structure	Core Course	2	0	4	2	5
2	CSE 648	Principles of Machine Learning	Core Course	2	0	2	4	5
3	IT602	Advanced Data Communication and Computer Networks	Core Courses	2	0	2	4	5
4	FSIC618	Web and Mobile Applications	Core Course	2	0	0	2	3
5	IT601	Advance DBMS	Core Course	2	0	4	2	5
6	VAC	Communication Skills	VAC	2	0	0	2	3
7	VAC	FBL	VAC	2	0	0	0	2
Total credit								28
SEMESTER - 2								
#	Course Code	Course Title	Course Type	Credit				Credit Units
				L	T	PS	SW	
1	CSIT606	Introduction to Data Analytics	Core Course	2	0	2	4	5
2	CSIT745	Research Methodology	Core Course	2	0	0	2	3
3	CSE733	IT Security Compliance and Forensics	Core Courses	2	0	2	4	5
4	CSIT727	Internet of Things / IOE	Core Courses	2	0	0	2	3
5	NTCC	Term paper	NTCC	0	0	0	0	2
6	CSE602	Data Warehousing and Data Mining	Specialization Elective	2	0	2	4	5
7	CSE764	Web Intelligence and Big Data Analytic	Specialization Elective	2	0	2	4	5
8	IT632	Advance Computer and Communication Networks	Specialization Elective	2	0	2	4	5
9	CSIT640	Introduction to Cyber Security	Specialization Elective	2	0	0	0	2
10	IT722	Ethical Hacking	Specialization Elective	2	0	0	4	4
11	VAC	Behavioural Science		3	0	0	0	3
12	FBL			0	1	0	0	2
Total credit								28
SEMESTER - 3								
#	Course Code	Course Title	Course Type	Credit				Credit Units
				L	T	PS	SW	
1	CSIT805	Cloud Infrastructure and services	Core Course	2	0	0	2	3
2	CSIT813	Open Source Technologies	Core Course	2	0	0	2	3
3	CSE744	Data Visualization	Specialization Elective	2	0	0	4	4
4	IT621	Information Retrieval System	Specialization Elective	2	0	0	4	4
5	CSE712	Data Progression & Technique	Specialization Elective	2	0	0	4	4
6	CSE763	Text mining and Analytics	Specialization Elective	2	0	0	4	4
7	CSIT654	Network Security and Cryptography	Specialization Elective	2	0	2	2	4
8	FSIC706	Machine Learning for Cybersecurity and digital forensics	Specialization Elective	2	0	0	4	4
9	FSIC708	Malware Analysis and reverse Engineering	Specialization Elective	2	0	2	2	4
10	FSIC630	Advanced Digital Mobile Forensic and Cyber Security	Specialization Elective	2	0	2	2	4
11		NTCC		0	0	0	0	5
12	VAC	FBL	VAC	0	1	0	2	2
Total number of credits (Required)								25
SEMESTER - 4								
#	Course Code	Course Title	Course Type	Credit				Credit Units
				L	T	PS	SW	
1		Dissertation	NTCC	0	0	0	0	19
Total number of credits (Required)								100