

BAIT - Programme Structure				
	Module Code	Module Name	Credits	Status
Semester 1 (Compulsory – C)				
1	CIT100	Essentials of Information Technology	3	C
2	CIT101	Fundamentals of Programming	3	C
3	CIT102	Digital Fundamentals	2	C
4	CIT103	Fundamentals of Networking	3	C
5	CMA100	Basics of Probability and Statistics	2	C
6	CEN100	Oral and Written Communication	3	C
				Total = 16/16
Semester 2 (Compulsory – C)				
7	CIT110	Object Oriented Approach to Programming	3	C
8	CIT111	Fundamentals of Database Management Systems	3	C
9	CIT112	Web Technologies	3	C
10	CIT113	Operating Systems	3	C
11	CIT114	Information Security	2	C
12	CMN110	IT Strategies for Businesses	2	C
				Total = 16/16
Semester 3 (Compulsory – C)				
13	CIT200	Advanced Object Oriented Programming	3	C
14	CIT201	Internet Technologies	3	C
15	CIT202	Software Engineering	3	C
16	CIT203	Graphic Design	3	C
17	CMN200	IT for Accounting and Finance	2	C
18	CMN201	Management Information Systems	2	C
				Total = 16/16
Semester 4 (Compulsory – C)				
19	CIT210	Enterprise Software Development	3	C
20	CIT211	Mobile Software Development	3	C
21	CIT212	Artificial Intelligence and Machine Learning	3	C
22	CMA210	Digital Strategies for Marketing	2	C
23	CMN210	Ethics and Social Responsibility	2	C
24	CMN211	IT Project Management	3	C
				Total = 16/16
Semester 5 (Elective – E)				
25	CIT300	Data Structures and Algorithms	2	E
26	CIT301	Data Science and Big Data	3	E
27	CIT302	Embedded Systems & Microcontrollers	2	E
28	CIT303	Geographical Information Systems and Remote Sensing	2	E
29	CIT304	Business Intelligence and Analytics	2	E
30	CIT305	Social Media Applications	2	E
31	CIT306	IT Quality Control	2	E
32	CIT307	Internet of Things	2	E
33	CIT308	Data Visualization	3	E
				Total = 16 Minimum/20
Semester 6 (Core & Elective – C&E)				
34	CIT310	Information Technology Project	5	C
35	CIT311	Entrepreneurship Essentials	2	E
36	CIT312	User Experience and User Interface Design	2	E
37	CIT313	Digital Tools for Arts	2	E
38	CIT314	Cloud Computing	2	E
39	CIT315	Health Information Systems	2	E
40	CIT316	Advanced Software design	2	E
41	CIT317	Blockchain applications	2	E
42	CIT318	Digital Forensics	2	E
				Total = 11 Minimum (+Project -Recommended 16)/21