

**SUSTAINABILITY COURSES/SUBJECTS OFFERED****FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY (FTMK)**

No.	Course Code	Course Name	Programme	SDG
1	DITI 1213	CALCULUS	Diploma in Information and Communication Technology (DIT)	4
2	DITP 1113	PROGRAMMING I	Diploma in Information and Communication Technology (DIT)	4
3	DITP 1333	DATABASE	Diploma in Information and Communication Technology (DIT)	4
4	DITS 1133	COMPUTER ORGANISATION AND ARCHITECTURE	Diploma in Information and Communication Technology (DIT)	4
5	DITM 2113	MULTIMEDIA SYSTEM	Diploma in Information and Communication Technology (DIT)	4
6	DITI 1223	DISCRETE MATHEMATICS	Diploma in Information and Communication Technology (DIT)	4
7	DITP 2213	SYSTEM ANALYSIS AND DESIGN	Diploma in Information and Communication Technology (DIT)	4
8	DITP 1123	PROGRAMMING II	Diploma in Information and Communication Technology (DIT)	4
9	DITS 2213	OPERATING SYSTEM	Diploma in Information and Communication Technology (DIT)	4
10	DITM 2123	WEB PROGRAMMING	Diploma in Information and Communication Technology (DIT)	4

No.	Course Code	Course Name	Programme	SDG
11	DITI 2213	LINEAR ALGEBRA AND NUMERICAL METHODS	Diploma in Information and Communication Technology (DIT)	4
12	DITP 2113	DATA STRUCTURE AND ALGORITHM	Diploma in Information and Communication Technology (DIT)	4
13	DITP 3113	OBJECT-ORIENTED PROGRAMMING	Diploma in Information and Communication Technology (DIT)	4
14	DITS 2313	DATA COMMUNICATION AND NETWORKING	Diploma in Information and Communication Technology (DIT)	4
15	DITI 2233	STATISTICS AND PROBABILITY	Diploma in Information and Communication Technology (DIT)	4
16	DITU 3933	SYSTEM DEVELOPMENT WORKSHOP	Diploma in Information and Communication Technology (DIT)	4
17	DITP 2123	EVENT-BASED PROGRAMMING	Diploma in Information and Communication Technology (DIT)	4
18	DITI 3113	ARTIFICIAL INTELLIGENCE	Diploma in Information and Communication Technology (DIT)	4
19	DITI 3123	LOGIC PROGRAMMING	Diploma in Information and Communication Technology (DIT)	4
20	DITI 3513	ARTIFICIAL INTELLIGENCE IN ROBOTIC AND AUTOMATION	Diploma in Information and Communication Technology (DIT)	4
21	DITM 3133	DIGITAL AUDIO AND VIDEO TECHNOLOGY	Diploma in Information and Communication Technology (DIT)	4

No.	Course Code	Course Name	Programme	SDG
22	DITM 3143	DIGITAL MEDIA DESIGN	Diploma in Information and Communication Technology (DIT)	4
23	DITM 3313	USER INTERFACE DESIGN	Diploma in Information and Communication Technology (DIT)	4
24	DITM 3323	INTRODUCTION TO COMPUTER GAMES PROGRAMMING	Diploma in Information and Communication Technology (DIT)	4
25	DITP 2313	DATABASE PROGRAMMING	Diploma in Information and Communication Technology (DIT)	4
26	DITP 3213	SOFTWARE ENGINEERING	Diploma in Information and Communication Technology (DIT)	4
26	DITP 3253	SOFTWARE REQUIREMENTS AND DESIGN	Diploma in Information and Communication Technology (DIT)	4
27	DITP 3263	SOFTWARE VERIFICATION AND VALIDATION	Diploma in Information and Communication Technology (DIT)	4
28	DITP 3273	STRATEGIC INFORMATION SYSTEM PLANNING	Diploma in Information and Communication Technology (DIT)	4
29	DITP 3313	DATABASE DESIGN	Diploma in Information and Communication Technology (DIT)	4
30	DITP 3323	DATABASE ADMINISTRATION	Diploma in Information and Communication Technology (DIT)	4
31	DITS 3613	BASIC NETWORKING	Diploma in Information and Communication Technology (DIT)	4

No.	Course Code	Course Name	Programme	SDG
32	DITS 3623	NETWORK ROUTING	Diploma in Information and Communication Technology (DIT)	4
33	DITS 3633	IMPLEMENTATING AND ADMINISTERING ACTIVE DIRECTORY	Diploma in Information and Communication Technology (DIT)	4
34	DITS 3643	IMPLEMENTING AND ADMINISTERING NETWORK INFRASTRUCTURE	Diploma in Information and Communication Technology (DIT)	4
35	BITI 1213	LINEAR ALGEBRA AND DISCRETE MATHEMATICS	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
36	BITM 1113	MULTIMEDIA SYSTEM	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
37	BITP 1113	PROGRAMMING TECHNIQUE	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
38	BITS 1123	COMPUTER ORGANISATION AND ARCHITECTURE	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
39	BITI 1223	CALCULUS AND NUMERICAL METHODS	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
40	BITM 2313	HUMAN COMPUTER INTERACTION	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
41	BITP 1123	DATA STRUCTURE AND ALGORITHM	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4

No.	Course Code	Course Name	Programme	SDG
42	BITP 1323	DATABASE	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
43	BITS 1313	DATA COMMUNICATION AND NETWORKING	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
44	BITU 2913	WORKSHOP I	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
45	BITI 2233	STATISTICS AND PROBABILITY	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
46	BITP 3113	OBJECT ORIENTED PROGRAMMING	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
47	BITS 1213	OPERATING SYSTEM	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
48	BITS 2313	LOCAL AREA NETWORK	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
49	BITS 2610	CCNA PROFESSIONAL CERTIFICATE	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
50	BITI 1113	ARTIFICIAL INTELLIGENCE	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
51	BITP 2213	SOFTWARE ENGINEERING	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
52	BITS 2323	WIDE AREA NETWORK	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4

No.	Course Code	Course Name	Programme	SDG
53	BITS 2333	NETWORK ANALYSIS AND DESIGN	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
54	BITU 3923	WORKSHOP II	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
55	BITS 3313	NETWORK ADMINISTRATION AND MANAGEMENT	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
56	BITS 3323	NETWORK PROJECT MANAGEMENT	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
57	BITS 3533	WIRELESS NETWORK AND MOBILE COMPUTING	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
58	BITU 3973	FINAL YEAR PROJECT I	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
59	BITS 3333	MULTIMEDIA NETWORKING	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
60	BITS 3413	INFORMATION TECHNOLOGY AND NETWORK SECURITY	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
61	BITS 3513	TCP/IP PROGRAMMING	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
62	BITM 1123	INTERACTIVE MEDIA AUTHORIZING	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
63	BITM 2113	WEB APPLICATION DEVELOPMENT	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4

No.	Course Code	Course Name	Programme	SDG
64	BITM 2123	DIGITAL AUDIO AND VIDEO TECHNOLOGY	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
65	BITS 2513	INTERNET TECHNOLOGY	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
66	BITS 3343	FIBRE OPTIC	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
67	BITS 3443	DIGITAL FORENSICS	Bachelor of Computer Science (Computer Networking) with Honours (BITC)	4
68	BITP 2303	DATABASE PROGRAMMING	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
69	BITP 2313	DATABASE DESIGN	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
70	BITP 2620	DATABASE FOUNDATION CERTIFIED JUNIOR ASSOCIATE	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
71	BITP 2223	SOFTWARE REQUIREMENT AND DESIGN	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
72	BITP 2323	DATABASE ADMINISTRATION	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
73	BITS 3423	INFORMATION TECHNOLOGY AND DATABASE	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
74	BITP 3223	SOFTWARE PROJECT MANAGEMENT	Bachelor of Computer Science (Database Management) with Honours (BITD)	4

No.	Course Code	Course Name	Programme	SDG
75	BITP 3363	DATA WAREHOUSING AND BUSINESS INTELLIGENCE	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
76	BITP 3483	GEOGRAPHIC INFORMATION SYSTEMS	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
77	BITP 3353	MULTIMEDIA DATABASE	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
78	BITI 2223	MACHINE LEARNING	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
79	BITP 3233	STRATEGIC INFORMATION SYSTEM PLANNING	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
80	BITP 3253	SOFTWARE VALIDATION AND VERIFICATION	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
81	BITP 3423	SPECIAL TOPIC IN SOFTWARE ENGINEERING	Bachelor of Computer Science (Database Management) with Honours (BITD)	4
82	BITP 3513	ADVANCED DATABASE PROGRAMMING	Bachelor of Computer Science (Database Management) with Honours (BITD)	4

**TOTAL COURSE: 83**