

B.Sc.(IT) Batch 2022

Semester I										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	CSIT140	Programming in C	Core Courses	3	0	4	0	0	0	5
2	CSIT141	Introduction to Information & Communication Technology	Core Courses	3	0	0	0	4	0	5
3	MATH111	Basic Mathematics- I	Allied Courses	3	1	0	0	0	0	4
4	MGMT101	Management Foundation	Human Social Sciences & Management Courses	3	0	0	0	2	0	4
5	BC107	English Language and Communication Skills	Value Added Course	2	0	0	0	4	0	4

Semester II										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	ACCT103	Financial Accounting - I	Human Social Sciences & Management Courses	3	0	0	0	0	0	3
2	CSIT123	Operating System Concepts	Core Courses	3	0	0	0	2	0	4
3	CSIT124	Data Structures Using C	Core Courses	2	0	4	0	2	0	5
4	CSIT127	Network Basics	Allied Courses	3	0	2	0	0	0	4
5	SOC221	Sociology of Change and Development	Human Social Sciences & Management Courses	2	1	0	0	0	0	3
6	BC108	Professional Excellence	Value Added Course	3	0	0	0	2	0	4

Semester III										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	CSE207	Digital Electronics and Computer Organization	Core Courses	3	0	2	0	2	0	5
2	CSIT120	Object Oriented Programming Using Java	Core Courses	3	0	2	0	2	0	5
3	CSIT132	Introduction to Data Base Management Systems	Core Courses	3	0	2	0	2	0	5
4	CSIT214	Computer Oriented Numerical Methods	Allied Courses	3	0	0	0	2	0	4
5	ETTP100	Term Paper	Non-Teaching Credit Courses	0	0	0	0	0	0	3
6	BS105	Individual Excellence and Social Dynamics	Value Added Course	2	0	0	0	2	0	3

Semester IV										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	CSIT111	Computer Communications and Networking	Specialisation Elective Courses	3	0	0	0	2	0	4
2	CSIT136	Internet of Things	Specialisation Elective Courses	2	0	0	0	2	0	3
3	CSIT216	Fundamentals of Routing Protocols	Specialisation Elective Courses	2	0	2	0	2	0	4
4	CSIT232	Python Programming	Core Courses	2	0	2	0	2	0	4
5	CSIT321	E-governance	Specialisation Elective Courses	2	0	0	0	2	0	3
6	ETISR101	Independent Study and Research - I	Non-Teaching Credit Courses	0	0	0	0	0	0	2
7	IT301	Software Engineering	Core Courses	3	0	2	0	2	0	5

8	IT425	Cyber and Information Security	Specialisation Elective Courses	2	0	0	0	2	0	3
9	MKTG101	Principles of Marketing	Human Social Sciences & Management Courses	2	0	0	0	2	0	3
10	BS208	Creativity for Team Excellence	Value Added Course	2	0	0	0	2	0	3

Semester V										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	CSE424	Business Process Management and Mining	Specialisation Elective Courses	3	0	0	0	0	0	3
2	CSIT137	Fundamentals of Digital Marketing	Specialisation Elective Courses	3	0	0	0	0	0	3
3	CSIT224	IT Project Management	Specialisation Elective Courses	3	0	0	0	0	0	3
4	CSIT231	Introduction to Open Source Technologies-php,Mysql	Core Courses	3	0	2	0	2	0	5
5	CSIT243	Fundamental of Cloud Computing & Enterprise	Specialisation Elective Courses	3	0	0	0	0	0	3
6	CSIT311	Unix Operating System and Shell Programming	Core Courses	3	0	2	0	2	0	5
7	CSIT312	Introduction to Enterprise Resource Planning(UG) Syllabus	Specialisation Elective Courses	3	0	0	0	0	0	3
8	CSIT322	Image Processing	Specialisation Elective Courses	3	0	0	0	0	0	3
9	CSIT344	Multimedia Technologies	Specialisation Elective Courses	2	0	2	0	0	0	3
10	ETSI101	Summer Internship - I	Non-Teaching Credit Courses	0	0	0	0	0	0	3
11		Foreign Business Language	Value Added Course	1	0	0	0	0	0	2

Semester VI										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	CSIT223	Visual .Net Technologies	Specialisation Elective Courses	3	0	2	0	0	0	4
2	CSIT232	Python Programming	Specialisation Elective Courses	3	0	2	0	0	0	4
3	CSIT301	Web Technologies and Applications	Specialisation Elective Courses	2	0	2	0	0	0	3
4	CSIT304	Object Oriented Analysis and Design	Specialisation Elective Courses	3	0	0	0	0	0	3
5	CSIT332	Matlab Programming(UG) Syllabus	Specialisation Elective Courses	3	0	2	0	0	0	4
6	CSIT333	Introduction to Mobile Computing	Specialisation Elective Courses	3	0	2	0	0	0	4
7	CSIT334	Fundamentals of E-commerce	Employability & Skill Enhancement Courses	3	0	0	0	2	0	4
8	CSIT335	Fundamentals of Network Security	Specialisation Elective Courses	2	1	0	0	0	0	3
9	CSIT341	Data Warehousing and Mining	Specialisation Elective Courses	2	1	0	0	0	0	3
10	CSIT342	Software Testing Techniques	Specialisation Elective Courses	2	1	0	0	0	0	3
11	CSIT343	Animation and Gaming	Specialisation Elective Courses	2	0	2	0	0	0	3
12	CSIT344	Multimedia Technologies	Specialisation Elective Courses	2	0	2	0	0	0	3
13	ETMJ100	Major Project	Non-Teaching Credit Courses	0	0	0	0	0	0	6
12		Foreign Business Language	Value Added Course	1	0	0	0	0	0	2

B.Sc. (IT) Batch 2023

Semester I										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	CSIT107	Digital Logics and Circuit Design	Allied Courses	3	0	2	0	2	0	5
2	CSIT113	Computer and Information Technology	Core Courses	2	0	2	0	2	0	4
3	CSIT140	Programming in C	Core Courses	3	0	2	0	2	0	5
4	ETTP100	Term Paper	Non-Teaching Credit Courses	0	0	0	0	0	0	2
5	EVS101	Environmental Studies	Allied Courses	2	0	0	0	4	0	4
6	BC109	Communication Skills	Value Added Course	2	0	0	0	0	0	3

Semester II										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	ACCT103	Financial Accounting - I	Human Social Sciences & Management Courses	3	0	0	0	0	0	3
2	CSIT123	Operating System Concepts	Core Courses	3	0	0	0	2	0	4
3	CSIT124	Data Structures Using C	Core Courses	3	0	2	0	2	0	5
4	CSIT127	Network Basics	Allied Courses	3	0	2	0	2	0	5
5	ETISR101	Independent Study and Research - I	Non-Teaching Credit Courses	0	0	0	0	0	0	1
6	SOC221	Sociology of Change and Development	Human Social Sciences & Management Courses	2	1	0	0	0	0	3
7	BC206	Communication Skills	Value Added Course	2	0	0	0	2	0	3

Semester III										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1		Discrete Mathematics for IT	Allied Courses	3	0	0	0	2	0	4
2	CSIT120	Object Oriented Programming Using Java	Core Courses	3	0	2	0	2	0	5
3	CSIT131	Computer Architecture and Assembly Language	Core Courses	2	0	2	0	0	0	3
4	CSIT132	Introduction to Data Base Management Systems	Core Courses	3	0	2	0	0	0	4
5	ETTP100	Term Paper	Non-Teaching Credit Courses	0	0	0	0	0	0	2
6	BS105	Individual Excellence and Social Dynamics	Value Added Course	2	0	0	0	0	0	3

Semester IV										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1		Principles of Computer Graphics	Specialisation Elective Courses	3	0	2	0	2	0	5
2	ACCT102	Accounting Fundamentals	Specialisation Elective Courses	3	0	0	0	0	0	3
3	CSIT137	Fundamentals of Digital Marketing	Specialisation Elective Courses	3	0	0	0	0	0	3
4	CSIT139	Computational Statistics	Specialisation Elective Courses	3	0	0	0	2	0	4
5	CSIT142	Software Engineering and Modeling	Core Courses	2	0	2	0	2	0	4
6	CSIT216	Fundamentals of Routing Protocols	Specialisation Elective Courses	3	0	2	0	0	0	4
7	CSIT224	IT Project Management	Specialisation Elective Courses	3	0	0	0	0	0	3
8	CSIT243	Fundamental of Cloud Computing & Enterprise	Specialisation Elective Courses	3	0	0	0	0	0	3
9	CSIT301	Web Technologies and Applications	Core Courses	2	0	2	0	0	0	3

10	CSIT325	Human Computer Interaction	Specialisation Elective Courses	3	0	0	0	0	0	3
11	IT425	Cyber and Information Security	Core Courses	3	0	0	0	0	0	3
12	BS208	Creativity for Team Excellence	Value Added Course	2	0	0	0	0	0	3

Semester V										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	CSIT136	Internet of Things	Specialisation Elective Courses	3	0	0	0	0	0	3
2	CSIT138	INTRODUCTION TO PACKET TRACER	Specialisation Elective Courses	1	0	2	0	0	0	2
3	CSIT232	Python Programming	Core Courses	3	0	2	0	0	0	4
4	CSIT304	Object Oriented Analysis and Design	Specialisation Elective Courses	3	0	0	0	0	0	3
5	CSIT311	Unix Operating System and Shell Programming	Core Courses	2	0	2	0	0	0	3
6	CSIT322	Image Processing	Specialisation Elective Courses	3	0	0	0	0	0	3
7	CSIT326	Introduction to e-Governance	Specialisation Elective Courses	3	0	0	0	0	0	3
8	CSIT334	Fundamentals of E-commerce	Specialisation Elective Courses	3	0	0	0	0	0	3
9	CSIT341	Data Warehousing and Mining	Specialisation Elective Courses	2	1	0	0	0	0	3
10	ETSI100	Summer Internship	Non-Teaching Credit Courses	0	0	0	0	0	0	2
11		Foreign Business Language	Value Added Course	1	0	0	0	0	0	2

Semester VI										
S.No.	Course Code	Course Title	Course Type	Credit					Arch/Des Studio	Credit Units
				L	T	PS	FW	SW		
1	CSIT202	Computer Oriented Statistical and Optimization Methods	Specialisation Elective Courses	3	0	2	0	0	0	4
2	CSIT205	Basics of Modeling and Simulation	Specialisation Elective Courses	2	0	0	0	0	0	2
3	CSIT221	Elementary Algorithms	Specialisation Elective Courses	3	1	0	0	0	0	4
4	CSIT242	Switched Networks	Specialisation Elective Courses	3	0	2	0	0	0	4
5	CSIT342	Software Testing Techniques	Specialisation Elective Courses	2	1	0	0	0	0	3
6	CSIT344	Multimedia Technologies	Specialisation Elective Courses	2	0	2	0	0	0	3
7	CSIT358	Blockchain Technologies	Specialisation Elective Courses	2	0	0	0	2	0	3
8	CSIT359	Introductions to Data Science	Specialisation Elective Courses	3	0	0	0	2	0	4
9	CSIT361	Introduction to Artificial Intelligence	Specialisation Elective Courses	2	0	0	0	0	0	2
10	ETMJ100	Major Project	Non-Teaching Credit Courses	0	0	0	0	0	0	6
11	HR208	Principles of Organizational Behaviour	Specialisation Elective Courses	0	0	0	0	0	0	0
12		Foreign Business Language	Value Added Course	1	0	0	0	0	0	2