

B. SC. IT

Program Structure

1 st SEMESTER							
Sl. No.	Sub Code	Names of subjects	L	T	P	C	TCP
Core Courses							
1	INT052C101	Fundamentals of Computer Science	3	1	0	4	4
2	INT052C102	Introduction to C Programming	3	1	0	4	4
3	INT052C103	Digital Logic and Computer Design	3	1	0	4	4
4	INT052C114	C Programming Lab	0	0	4	2	4
5	INT052C115	Office Automation Lab	0	0	4	2	4
GE							
6	BSA032G106	Principles of Management	3	0	0	3	3
7	MAT012G107	Basic Mathematics	3	0	0	3	3
AECC							
8	BHS992A105	Concepts of Behavioural Science	1	0	0	1	1
9	CEN102A101	Developing Oral Communication and Listening Skills	1	0	0	1	1
TOTAL						24	28
2 nd SEMESTER							
Sl. No.	Sub Code	Names of subjects	L	T	P	C	TCP
Core Courses							
1	INT052C201	Computer Organization and Architecture	3	1	0	4	4
2	INT052C202	Introduction to Data Structures	3	1	0	4	4
3	INT052C203	Object Oriented Programming using C++	3	1	0	4	4
4	INT052C214	Introduction to Data Structures Lab	0	0	4	2	4
5	INT052C215	Object Oriented Programming using C++ Lab	0	0	4	2	4
GE							
6	BSA032G206	Organizational Behaviour	3	0	0	3	3
7	MAT012G207	Discrete Mathematics	3	0	0	3	3
AECC							
8	BHS992A205	Understanding Self and Others	1	0	0	1	1
9	CEN102A201	Conversation and Public Speaking	1	0	0	1	1
TOTAL						24	28
3 rd SEMESTER							
Sl. No.	Sub Code	Names of subjects	L	T	P	C	TCP
Core Courses							
1	INT052C301	JAVA Programming	3	1	0	4	4
2	INT052C302	Introduction to Database Management Systems	3	1	0	4	4
3	INT052C303	Graph Theory	3	1	0	4	4
4	INT052C314	JAVA Programming Lab	0	0	4	2	4
5	INT052C315	Introduction to Database Management Systems Lab	0	0	4	2	4
GE							

6	COM042G306	Accountancy	3	0	0	3	3
7	COM042G317	Accountancy Lab (Tally/SAP)	0	0	4	2	4
AEEC							
8	INT052S308	Open Source Software(IT)/Subjects from other depts.	2	0	0	2	2
AEEC							
9	EVS052A309	Environmental Sciences	2	0	0	2	2
10	CEN102A301	Career Oriented Communication	1	0	0	1	1
		TOTAL				26	32
4th SEMESTER							
Sl. No.	Sub Code	Names of subjects	L	T	P	C	TCP
Core Courses							
1	INT052C401	Operating Systems	3	1	0	4	4
2	INT052C402	Computer Communication & Networks	3	1	0	4	4
3	INT052C403	Design and Analysis of Algorithms	3	1	0	4	4
4	INT052C414	Operating Systems Lab	0	0	4	2	4
5	INT052C415	Computer Communication & Networks Lab	0	0	4	2	4
6	INT052C416	Windows Programming Lab	0	0	4	2	4
GE							
7	ECO062G2407	Economics	3	0	0	3	3
AEEC							
8	INT052S408	PHP Programming (IT)/ Subjects from other depts.	2	0	0	2	2
AEEC							
9	CEN102A401	Communication and Presentation Skills	1	0	0	1	1
		TOTAL				24	30
5th SEMESTER							
Sl. No.	Sub Code	Names of subjects	L	T	P	C	TCP
Core Courses							
1	INT052C501	Web Technology	4	0	0	4	4
2	INT052C512	Web Technology Lab	0	0	4	2	4
DSE							
3	INT052D503	Elective I	4	0	0	4	4
4	INT052D504	Elective II	4	0	0	4	4
5	INT052D515	Elective I Lab	0	0	4	2	4
AEEC							
6	CEN102A501	Communicative English- V	1	0	0	1	1
MINI PROJECT							
7	INT052C527	Mini Project	0	0	8	4	8
		TOTAL				21	29
6th SEMESTER							
Sl. No.	Sub Code	Names of subjects	L	T	P	C	TCP
Core Courses							
1	INT052C601	System Analysis and Design	4	0	0	4	4
2	INT052C612	System Analysis and Design Lab	0	0	4	2	4
DSE							
3	INT52D603	Elective III	4	0	0	4	4

AECC							
4	CEN102A601	Communicative English- VI	1	0	0	1	1
MAJOR PROJECT							
5	INT052C625	Project	0	0	12	6	12
TOTAL						21	33

SEMESTER	CREDITS
I	24
II	24
III	26
IV	24
V	21
VI	21

Total Credits=140