

## Outline of B.Sc. IT

### a. Semester I

<b>i. Prog. Code</b>	<b>Subject Name</b>	<b>Credits</b>
BSCIT-101	Programming Fundamentals using C	4
BSCIT-102	Digital Electronics	4
BSCIT-103	MS Office	4
BSCIT-104	Mathematics-I	4
BSCIT-105	Practical Lab-I	2

### b. Semester II

<b>i. Prog. Code</b>	<b>Subject Name</b>	<b>Credits</b>
BSCIT-201	Basics of Information Technology	4
BSCIT-202	Data Communication & Networks	4
BSCIT-203	Object Oriented Programming using C++	4
BSCIT-204	Operating System	4
BSCIT-205	Practical Lab-II	2

### c. Semester III

<b>i. Prog. Code</b>	<b>Subject Name</b>	<b>Credits</b>
BSCIT-301	Computer Architecture & Microprocessor	4
BSCIT-302	Computer Networks	4
BSCIT-303	Data Structures & Algorithms	4
BSCIT-304	Database Management Systems	4
BSCIT-305	Practical Lab-III	2

### d. Semester IV

<b>i. Prog. Code</b>	<b>Subject Name</b>	<b>Credits</b>
BSCIT-401	Programming in Java	4
BSCIT-402	Scientific Computing	4
BSCIT-403	Visual Programming	4
BSCIT-404	Principles of Management	4
BSCIT-405	Practical Lab-IV	2

### e. Semester V

<b>i. Prog. Code</b>	<b>Subject Name</b>	<b>Credits</b>
BSCIT-501	Internet & Website Management	4
BSCIT-502	Digital Signal Processing	4
BSCIT-503	C# & .Net Programming	4
BSCIT-504	E-Commerce	4
BSCIT-505	Practical Lab-V	2

### f. Semester VI

<b>i. Prog. Code</b>	<b>Subject Name</b>	<b>Credits</b>
BSCIT-601	Computer Graphics & Multimedia	4
BSCIT-602	Data warehousing & Data Mining	4
BSCIT-603	Practical Lab-VI	2
BSCIT-603	Major Project	10