

## **BSC IT SYLLABUS**

Paper code	Course Structure	Theory / Tutorial Credit	Examination	Full Marks	Pass Marks	Total Marks
<b>Semester I</b>						
<b>BITC1</b>	Introduction to IT	4	Semester End	70	28	350
<b>BITC2</b>	Programming in C	4	Semester End	70	28	
<b>BITC(P)-1</b>	Lab on MS-Office & C programming	4	Practical	60	24	
<b>GE-1</b>	GE(Maths)	4,2	Semester End	70	28	
	GE(Maths)-1		Internal	30	12	
<b>AECC-I</b>	Eng Communication / MIL Communication	2		50	20	
<b>Semester II</b>						
<b>BITC3</b>	Digital Electronics	4	Semester End	70	28	350
<b>BITC4</b>	Data Structure using C++	4	Semester End	70	28	
<b>BITC(P)-2</b>	Lab on C++ & Data Structure	4	Practical	60	24	
<b>GE-2</b>	GE(Maths)	4	Semester End	70	28	
	GE(Maths)-2	2	Internal	30	12	
<b>AECC-II</b>	Environmental Sc.	2	Semester End	50	20	
<b>Semester III</b>						
<b>BITC5</b>	Operating System	4	Semester End	70	28	450
<b>BITC6</b>	Relational Data Base Management System	4	Semester End	70	28	
<b>BITC7</b>	Numerical Techniques	4	Semester End	70	28	
<b>BITC(P)-3</b>	Lab on Linux , Oracle & Numerical Techniques	4,2	Practical	90	36	
<b>GE-3</b>	GE(Maths)	4	Semester End	70	28	
	GE(Maths)-3	2	Internal	30	12	
<b>SEC-I</b>	General Knowledge & Current Affairs	2	Semester End	50	20	
<b>Semester IV</b>						
<b>BITC8</b>	Web Technology	4	Semester End	70	28	450
<b>BITC9</b>	Java Programming	4	Semester End	70	28	
<b>BITC10</b>	Software Engineering	4	Semester End	70	28	

<b>BITC(P)-4</b>	Lab on Internet & Web Technology	6	Practical	90	36	
<b>GE-4</b>	GE(Maths)	4	Semester End	70	28	
	GE(Maths)-4	2	Internal	30	12	
<b>SEC-II</b>	Personality Development	2	Semester End	50	20	
<b>Semester V</b>						
<b>BITC11</b>	Windows Programming	4	Semester End	70	28	400
<b>BITC12</b>	Data Communication & Computer Networks	4	Semester End	70	28	
<b>BITC(P)-5</b>	Lab on Windows Programming & Network	4	Practical	60	24	
<b>DSE</b>	(Elective1*)	4	Semester End	70	28	
	DSE-2(Elective2**)	4	Semester End	70	28	
	DSE(P)-1(Lab on Elective)	4	Practical	60	24	
<b>Semester VI</b>						
<b>BITC13</b>	Computer Graphics & Multimedia	4	Semester End	70	28	400
<b>BITC14</b>	Advance Web Programming		Semester End	70	28	
<b>BITC(P)-6</b>	Lab on Computer Graphics & Advanced Web Programming		Practical	60	24	
<b>DSE</b>	(Elective3***)	4	Semester End	70	28	
	DSE(P)-2 (Lab on Elective)	2	Internal	30	12	
<b>DSE-4</b>	Project	6	Project	100	40	