

# BCA COURSE STRUCTURE

## FIRST YEAR

		Examination Scheme				
Subject Code	Names of Subject	Ext. Marks	Int. Marks	Total	Category	Credit
<b>SEMESTER I</b>						
BCA-140-20	Computer Fundamentals & Networking	60	40	100	Core	4
BCA-141-20	C programming	60	40	100	Core	4
BCA-142-20	Mathematics	60	40	100	Core	4
BCA-143-20	English	30	20	50	Elective	2
BCA-146-20	Operating System	60	40	100	Core	4
BCA-147-20	Lab- C Programming	30	20	50	Complimentary	2
<b>Total Credit points for Semester</b>						<b>20</b>

		Examination Scheme				
Subject Code	Names of Subject	Ext. Marks	Int. Marks	Total	Category	Credit
<b>SEMESTER II</b>						
BCA-240-20	Statistics	60	40	100	Core	4
BCA-241-20	Communication Skills	30	20	50	Elective	2
BCA-242-20	Object Oriented Programming using c ++	60	40	100	Core	4
BCA-243-20	Structured System Analysis & Design	60	40	100	Core	4
BCA-244-20	Principles and Practice of Management -I	60	40	100	Core	4
BCA-247-18	Lab- Object Oriented Programming using c ++	40	20	100	Complimentary	2
<b>Total Credit points for Semester</b>						<b>20</b>

# **BCA COURSE STRUCTURE**

## **SECOND YEAR**

		Examination Scheme				
Subject Code	Names of Subject	Ext. Marks	Int. Marks	Total	Category	Credit
<b>SEMESTER III</b>						
BCA-340-20	Advanced Web Designing	60	40	100	Core	4
BCA-341-20	Database Management System	60	40	100	Core	4
BCA-342-20	E-Commerce	30	20	50	Elective	2
BCA-344-20	Enterprise Resource Planning	60	40	100	Core	4
BCA-345-20	Software Testing & Quality Assurance	60	40	100	Core	4
BCA-346-20	Lab- Advanced Web Designing	30	20	50	Complimentary	2
<b>Total Credit points for Semester</b>						<b>20</b>

		Examination Scheme				
Subject Code	Names of Subject	Ext. Marks	Int. Marks	Total	Category	Credit
<b>SEMESTER IV</b>						
BCA-440-20	Java	60	40	100	Core	4
BCA-441-20	Principles and Practice of Management -II	60	40	100	Core	4
BCA-444-20	Advanced Database Management System	60	40	100	Core	4
BCA-445-20	Environmental Studies	60	40	100	Core	4
BCA-446-20	Lab- Java	30	20	50	Complimentary	2
BCA-447-20	Lab - Advanced Database	30	20	50	Complimentary	2
<b>Total Credit points for Semester</b>						<b>20</b>

# BCA COURSE STRUCTURE

## THIRD YEAR

Subject Code	Names of Subject	Examination Scheme				
		Ext. Marks	Int. Marks	Total	Category	Credit
<b>SEMESTER V</b>						
BCA-541-20	Python	60	40	100	Core	4
BCA-542-20	Linux	60	40	100	Core	4
BCA-543-20	Business Application	60	40	100	Core	4
BCA-546-20	UML	60	40	100	Core	4
BCA-548-20	Lab-Python	30	20	50	Complimentary	2
BCA-549-20	Lab- Linux	30	20	50	Complimentary	2
<b>Total Credit points for Semester</b>						<b>20</b>

Subject Code	Names of Subject	Examination Scheme				
		Ext. Marks	Int. Marks	Total	Category	Credit
<b>SEMESTER VI</b>						
BCA-640-20	Cloud Computing	60	40	100	Core	4
BCA-641-20	Adv.Java	60	40	100	Core	4
BCA-643-20	Organizational Behavior	30	20	50	Elective	2
BCA-645-20	Lab- Adv. Java	30	20	50	Complimentary	2
BCA-647-20	Lab- Cloud Computing	30	20	50	Complimentary	2
BCA-648-20	Project	90	60	150	Complimentary	6
<b>Total Credit points for Semester</b>						<b>20</b>