

BCA (COURSE STRUCTURE)**2017-18**

Sem.	Name of Papers	Type of Paper
I	Mathematics	Theory
	Introduction to Computer Science	Theory
	Programming in C	Theory
	Communication skills/Technical English	Theory
	C and IT Lab	Practical
II	Data Structures & C++	Theory
	Probability & Statistics	Theory
	Logic Design	Theory
	Managerial Economics	Theory
	Data Structure & C++ Lab	Practical
III	Scientific Computing	Theory
	Software Engineering Principles	Theory
	Relational Database Management Systems	Theory
	Operating System and Linux Programming	Theory
	OS (Linux) And RDBMS (Oracle) Lab	Practical
IV	Data Communication and Computer Network	Theory
	Object Oriented Programming in JAVA	Theory
	Programming in Visual Basic	Theory
	LAB of JAVA	Practical
	LAB Visual Basic	Practical
V	Electronic Commerce and Application	Theory
	Web Technology	Theory
	Computer Graphic and Multimedia	Theory
	Web Technology and Multimedia (HTML, XML, JavaScript, ASP.Net)	Practical
	Computer Graphics & Multimedia LAB (Graphics, 2D Animation, Multimedia)	Practical
VI	Elective Paper	Theory
	Distributed Computing	Theory
	Accounting and Finance Management	Theory
	LAB of Elective Papers	Practical
	PROJECT	Practical

List of Electives:

- A) Agile Software Development Process
- B) Data Mining and Warehousing System
- C) Programming
- D) Distributed Database System
- E) Decision Support System