Bachelor of Computer Applications

Course List

Term	Course	Credits
I	English I	4
I	Basics of Digital Electronics	4
I	Mathematics	4
I	Computer Fundamentals & Problem Solving	4
I	C Programming	4
I	C Programming Lab	2
II	English II	4
II	Data Structures & Applications	4
II	Discrete Mathematics	4
II	Operating System	4
II	Accounting and Financial Management	4
II	Data Structures Lab	2
III	English III	4
III	Computer Architecture & Microprocessor	4
III	OOPS With C++	4
III	Software Engineering	4
III	DBMS	4
III	OOPS with C++ Lab	2
IV	English IV	4
IV	Data Communication & Computer Networks	4
IV	Computer Oriented Numerical Analysis & Statistical Methods	4
IV	Data Warehousing & Data Mining	4
IV	Computer Graphics	4
IV	DBMS Lab	2

V	Constitution of India *	2
V	Environmental Studies *	2
V	Java	4
V	Operation Research	4
V	Elective-I	4
V	Elective-II	4
VI	Project Work	12

Elective Options

I	Computer Systems & Network Security	4
I	Multimedia	4
I	Computer Animation	4
II	System Software	4
II	Image Processing	4

* Foreign Students may substitute the marked courses with an Additional Elective

PREPARATORY BRIDGE COURSE

Term				
I	-	Basic Mathematics		
I	-	Fundamentals of Computers		

LAB WORK / PAPERS

Lab Courses / Practical Papers & Examinations in the Online Programs may be given/ completed using the Online Virtual Laboratory system as part of the approved online education platform of the University.