



RAHUL  
UNIVERSITY

B.C.A

(Bachelor Of Computer Application)

SEMISTER-5		
Subject Code:	Subject Name:	About:
CC-301	Open Source Operating System	The course provides the knowledge of the Ubuntu Linux Operating System. This course intends to teach various features that will help the students to use and learn the working of Ubuntu operating system.
CC-302	Advanced Visual and Windows Programming	The course would make students acquainted with the advanced features of VB.NET programming language which will include database controls, .NET classes, crystal report, and object-oriented methods.
CC-303	Data Communication and Networking	This course will introduce students to the fundamentals of data and computer communications. It provides the student with a conceptual foundation for the study of data communications and networking. The students will be exposed to communication principles,

		different types of media, modulation techniques, multiplexing, error detection and correction, switched networks, TCP/IP suite, cellular communication, fiber-optic communications and the state-of-art networking applications. It also reviews the current events in the field of communications so that the student has a sound knowledge in today's competitive environment.
CC-304	Open Source Operating System Practical	The students using the concepts of filters, special commands in Linux operating system will be able to write efficient shell scripts. It also gives information about process management and communication commands
CC-305	Advanced Visual and Windows Programming Practical	Students will be provided with practical knowledge of vb.net programming language which includes object-oriented concepts, ADO.NET, file handling, inbuilt .net framework classes, advanced framework controls etc.
CC-306	Software Development Project-PART I	This course provides an opportunity for students to apply the knowledge and skills acquired in the core courses to larger and more complex problems and to gain experience in working in teams.

#### TEXTBOOK INFORMATION

Subject Code:	Subject Name:	Textbook with author:
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CC-301	Open Source Operating System	Beginning with Ubuntu Linux (First Edition 2007) Publisher: Apress Publications By Keir Thomas Unix : Concepts and Applications (Fourth Edition) Publisher: Tata McGraw Hill By Sumitabha Das
CC-302	Advanced Visual and Windows Programming	Murach's Beginning Visual Basic .NET Publisher : BPB Publication By Anne Prince
CC-303	Data Communication and Networking	Data Communications and Networks, 2nd Edition Publisher: McGraw Hill By Achyut S Godbole, Atul Kahate

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