CHAUDHARY CHARAN SINGH UNIVERSITY, MEERUT
THREE YEARS BACHELOR OF COMPUTER APPLICATION PROGRAMME

COURSE CONTENT (w.e.f. August 2011)

SEMESTER I

COURSE CODE	COURSE NAME
BCA-101	Mathematics –I (MATHS)
BCA-102	Programming Principle & Algorithm (PPA)
BCA-103	Computer Fundamental & Office Automation (CFOA)
BCA-104	Principle of Management (POM)
BCA-105	Business Communication (BC)
BCA-106P	Computer Laboratory and Practical Work of Office Automation
BCA-107P	Computer Laboratory & Practical Work of C Programming
QUALIFYING PAPER	
008	Environmental Studies (EVS)

SEMESTER II

COURSE CODE	COURSE NAME
BCA-201	Mathematics II (MATHS)
BCA-202	C Programming (C Prog)
BCA-203	Organization Behavior (OB)
BCA-204	Digital Electronics & Computer Organization (DECO)
BCA-205	Financial Accounting & Management (FAM)
BCA-206P	Computer Laboratory and Practical Work of C Programming

SEMESTER III

COURSE CODE	COURSE NAME
BCA-301	Object Oriented Programming Using C++ (C++)
BCA-302	Data Structure Using C & C++ (DSC)
BCA-303	Computer Architecture & Assembly Language (CAAL)
BCA-304	Business Economics (BE)
BCA-305	Elements of Statistics (EL)
BCA-306P	Computer Laboratory and Practical Work of OOPS
BCA-307P	Computer Laboratory and Practical Work of DS

SEMESTER IV

COURSE CODE	COURSE NAME
BCA-401	Computer Graphics & Multimedia Application (CGMA)
BCA-402	Operating System (OS)
BCA-403	Software Engineering (SE)
BCA-404	Optimization Techniques (OT)
BCA-406	Mathematics-III (MATHS)
BCA-405	Computer Laboratory and Practical Work of CGMA

SEMESTER V

COURSE CODE	COURSE NAME
BCA-501	Introduction to DBMS
BCA-502	Java Programming and Dynamic Webpage Design
BCA-503	Computer Network
BCA-504	Numerical Methods
BCA-505P	Minor Project
BCA-506P	Viva-Voice on Summer Training
BCA-507P	Computer Laboratory and Practical Work of DBMS
BCA-508P	Computer Laboratory and Practical Work of Java Programming & Dynamic Webpage Design

SEMESTER VI

COURSE CODE	COURSE NAME
BCA-601	Computer Network Security
BCA-602	Information System: Analysis Design & Implementation
BCA-603	E-Commerce
BCA-604	Knowledge Management
BCA-605P	Major Project
BCA-506P	Presentation/Seminar based on Major Project