

## DEPARTMENT OF BUSINESS ADMINISTRATION & COMMERCE

BBA

- BBA is a 3-year – full time under-graduate semester programme which is affiliated to CCS University, Meerut Equipped with an in-depth understanding of management theory & practices coupled with industry exposure. The programme lays emphasis on creating an impeccable foundation by rendering specialization courses in domains entailing Finance, Marketing, Data Analytics and Entrepreneurship

BBA Program facilitate the young minds with an intellectually stimulating environment to learn the art of business management and leadership. The emerging competitive landscape of business has rendered the need for a new cadre of professionals.

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### students will be able

- To have knowledge on Biomolecules, their importance and Classification .
- To explain the properties of Biomolecules
- To describe the conversion of Biomolecules into Energy.
- To describe the biophysical techniques for the Isolation, Identification and Quantification of Biomolecules.
- To understand Biostatistical Analysis of the Biological Experiments.
- To learn the Methodologies of Biostatistics and its application in selection of the Biological samples.
- To gain knowledge about principle and application of various types of Microscopy.
- To Classify and explain the structure and general characteristics of Microorganisms.
- To prepare various Bacteriological, Algal, and Fungal Media.
- To get insight in Primary and Secondary organs of Immune system.
- To describe Antigenicity and factors affecting it.
- To explain cell mediated immunity, Monoclonal antibody production and Hypersensitivity.

B.Com	<ul style="list-style-type: none"> <li>B.Com is a 3-year – full time under-graduate Annual programme which is affiliated to CCS University, Meerut meets the expending needs in Commerce education t all levels &amp; provide necessary man power to industry, trade, PSU’s, Govt. &amp; private enterprises in the areas like Finance, International Business &amp; Accounting.</li> </ul>
Business Mathematics	<ul style="list-style-type: none"> <li>Ability to apply mathematical model to solve real world problem using appropriate techniques and suitable formulas like ratios, interest, probability etc.</li> </ul>
Business Communication	<ul style="list-style-type: none"> <li>Being able to comprehend and write effective reports and design documentation, make effective presentations, and give &amp; receive clear instructions. Interact effectively on complex managerial activities with the organizational community and with society at large.</li> </ul>
Financial Management	<ul style="list-style-type: none"> <li>Apply knowledge and understanding of the Financial management principles &amp; techniques and apply these to prepare various financial statements, as a member and leader in a team, to manage current and future financial tasks in multidisciplinary departments in organization.</li> </ul>
Organizational Behavior	<ul style="list-style-type: none"> <li>Candidates able to better understand their fellow workers and channelize their skills &amp; resources to achieve goals of the organization.</li> </ul>
Computer Fundamental	<ul style="list-style-type: none"> <li>Expertise in office automation software’s like documentation, presentation, spread sheet and data storage.</li> </ul>
E-Commerce	<ul style="list-style-type: none"> <li>Business-to-Business strategies, Virtual Communities, Web Portals, E-commerce Software, Payment systems, Security and User’s Experience-business Infrastructure, Selling and Marketing on the Web, Web Server Hardware and Software.</li> </ul>
Principles of Management	<ul style="list-style-type: none"> <li>It helps to learn various managerial skills to improve their professional attitude and how to handle situations and behave in professional environment.</li> </ul>
Book Keeping & Basic Accounting	<ul style="list-style-type: none"> <li>Student learns the essential skills required for basic business transactions and accounting and apply knowledge to maintain basic accounts records.</li> </ul>
Human Resource Management	<ul style="list-style-type: none"> <li>Make a candidate efficient in managing personnel and human resource of any organization, designing of job, allocation of human resource, set the payments &amp; reward etc.</li> </ul>
Management Information system	<ul style="list-style-type: none"> <li>Student able to maintain database, disseminate knowledge of various departments to authorize persons with security and prepares the data in the form of relevant information by using information technology techniques.</li> </ul>
Advertising Management	<ul style="list-style-type: none"> <li>Demonstrate an understanding of advertising strategies and media. Analyzing the various advertising modes to run advertising campaign effectively.</li> </ul>

Research Methodology	<ul style="list-style-type: none"> <li>Provides comprehensive knowledge of various research methods, tools and techniques of data collection and interpretation which will make a student efficient to solve a problem of any organization.</li> </ul>
Marketing Management	<ul style="list-style-type: none"> <li>Enables a candidate in formulating strategies for developing new products and services that are consistent with evolving market needs. Evaluate the viability of marketing a product or service in an international market or markets. Evaluate results of marketing activities using criteria related to budgeted sales, costs and profits.</li> </ul>
Business Ethics	<ul style="list-style-type: none"> <li>Provides ethical knowledge and develop ethical attitude of candidate towards organizational employees as well as society at large.</li> </ul>
Sales Management	<ul style="list-style-type: none"> <li>It provides skills set and approaches to keep sales team motivated, on track and producing the results that the organization needed.</li> </ul>
G.S.T.	<ul style="list-style-type: none"> <li>It helps to understand the importance of indirect taxes (GST) in the Indian economy and its contribution to the economic development. Provides knowledge of indirect taxation structure which make a candidate efficient as a practitioner.</li> </ul>
Auditing	<ul style="list-style-type: none"> <li>students will be able to Articulate knowledge of fundamental audit concepts, Demonstrate the use of the Auditing, &amp; Apply critical thinking skills and solve auditing problems through the use of case studies.</li> </ul>
Cost & Management Accounting	<ul style="list-style-type: none"> <li>Make the student efficient in critically analyse and provide recommendations to improve the operations of production through the application of cost accounting techniques; demonstrate mastery of costing systems, cost management systems, budgeting systems and performance measurement systems.</li> </ul>
Production Management	<ul style="list-style-type: none"> <li>Being able a candidate in Better understanding of modern production techniques. Better understanding of quality management. Management skills needed for the effective operations management.</li> </ul>
Business Economics	<ul style="list-style-type: none"> <li>Helps to understand various aspects of economics demonstrate relation between demand, supply and production function of any organization.</li> </ul>

## **DEPARTMENT OF TEACHER EDUCATION**

- To develop the qualities of a good teacher
  - To develop understanding about school of psychology
  - To develop understanding about theories of learning and its educational implications
  - Develop an understanding of how one's ability, interests and aptitudes are related to world of work.
  - Know about the importance of developing the right attitude and values at every stage of education.
  - To develop understanding about Indian Education system in social, historical and political economy context.
  - Develop in the student teacher a sense of awareness about the environmental pollution, and possible hazards and its causes and remedies.
  - To describe the nature, purpose, scope, areas, and types of research in education.
  - Understand the concept of wholistic of health and its various dimension and determinates of health.
  - To acquaint with competencies essential for the teaching profession.
  - To acquaint with sense of accountability for the teaching profession.
  - To develop an awareness about the recent innovations and future perspectives of education technology.
  - To understand the meaning of testing, measurement and evaluation.
  - To understand problems and challenges of secondary and higher secondary education in India.
  - To develop skills of learners to design curriculum outline for a school programme.

## DEPARTMENT OF COMPUTER SCIENCE

BCA is a three years' full time degree course which consists of six semesters. Each even semester consists of five theory papers and two practical labs and each odd semester consists of four theory paper and one practical lab. Besides this BCA programme consists of two projects one is minor and other is major.

Minor project based on industrial training and major project is the development of any innovative project like web sites, online projects, application softwares, database projects, android applications and mobile applications.

The curriculum has been designed to give the students an in depth knowledge of various subjects related to information technology along with basic concept of management and core concept of mathematics.

This program comprising following courses:

Courses and Course outcomes:

BCA 101 Mathematics-I

BCA 102 Fundamental of Computer MS Office

BCA 103 Programming Principle and Algorithm

BCA 105 Principle of Management

BCA 107 Business Communication

BCA 201 Mathematics-II

BCA 202 Digital Electronics

BCA 203 C Programming Language

BCA 204 Organisation Behaviour

BCA 205 Financial Management and Accounting

BCA 301 C++

BCA 302 Data Structure

BCA 303 Computer Architecture

BCA 304 Statistics

BCA 305 Business Economics

BCA 401 Mathematics -III

BCA 402 Computer Graphics

BCA 403 Operating System

BCA 404 Optimisation Techniques

BCA 405 Software Engineering

BCA 501 DBMS

BCA 502 Java and Web technology

BCA 503 Networking

BCA 504 Numerical Techniques

BCA 601 E -Commerce

BCA 602 Network Security

BCA 603 System Analysis and Design

BCA 604 Knowledge Management

Digital and Computer Architecture	Electronic and	Ability to understand the principles and development methodologies of computer systems. Students can assess the hardware of computer systems and possess professional skills and knowledge of hardware design process
Mathematics	and	Ability to apply mathematical methodologies to solve computation task. Capability to design

Numerical Analysis	algorithms for mathematical problems of real world. fostering strong knowledge of mathematics in students of non math background.
Software Engineering and System Analysis and Design	Apply standard Software Engineering practices and strategies in real-time software project development using open-source programming environment or commercial environment to deliver quality product for the organization success. Learn the process and various phases of software development to become good system analysis / developer/ designer/ tester.
Web Technology and Java	Design and develop computer programs/computer-based systems in the areas related to algorithms, networking, web design, and data analytics of varying complexity
Business Communication	Learn to communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports, design documentation, make effective presentations, and give and receive clear instructions.
Financial Management	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.  Ability to understand about financial activities such as procurement and utilization of funds.  Ability to apply management principles to finance resources of the enterprise.
Organizational Behavior and Principal Management Business Economics	Students learn various managerial skills to improve their professional attitude. Ability to understand human interactions, maximise output with minimum efforts and resources, regular innovation and best possible use of available resources. Exhibit proficiency through latest technologies to business and personal situations in demonstratig the ability for work efficacy as a part of team and apply professional behavior and ethics.
Programming Languages \ (C,C++,Java, Data Structures, Web Technology)	fostering program development in professional environment. Ability to understand imperative, functional, object oriented, logic programing paradigm. Ability to understand communication and interaction with computers.  Ability to think logically  Ability to apply imagination with logics  problem using appropriate data structure and suitable algorithm
RDBMS, SQL and PL SQL	Handling of RDMBS and data retrieval and storage using Structured Query Language. Creation of databases and tables from entity relationship diagram.  Ability to understand the role of Database Administration and protection of data from unauthorised access.
Fundamental of Computer System	Expertise in office automation software's , like documentation, presentation, spread sheet and data storage.

and MS Office	<p>To enable students to create, edit documents, spread sheets, power point presentation.</p> <p>Ability to understand short hand commands/ formulas.</p>
Computer Graphics and Multimedia	<p>Acquire a sound knowledge of graphics and multimedia tools like. Dream weaver, Photoshop, flash etc.</p> <p>Ability to understand role of images in multimedia applications.</p> <p>Foster capability to develop, design and rendering of 2D, 3D computer graphics, digital photography</p>
Network and Network Security	<p>Develop an Understanding How to secure a network and why it is so important? Acquire eligibility to be a network administration.</p> <p>Ability to learn the mechanism to reduce to risk of cyber-attack and develop a sound knowledge of cryptography and their applications.</p>
E-Commerce	<p>E-business Infrastructure, Selling and Marketing on the Web, Web Server Hardware and Software, Business-to-Business strategies, Virtual Communities, Web Portals, E-commerce Software, Payment systems, Security and User Experience.</p>
Knowledge management and database mining	<p>Acquire a sound knowledge of data ware house handling and k knowledge management.</p> <p>Ability to understand the process of creating, sharing, using and managing the knowledge and information and ensure their best use.</p>
Summary/ programme outcome	<p>BCA BCA programme transforms students into highly skilled IT specialist.</p> <p>Ability to apply theoretical knowledge into practice in real world/.</p> <p>Ability to develop standalone live projects them self.</p> <p>Ability to develop in-depth understanding of technical concepts coupled with intensive industry exposure.</p> <p>Fostering all necessary skill to get rewarding careers like:</p> <p>a software engineer, software developer, software testes, computer operation, data entry operator, animator, mobile applications, lab assistant etc. into changing world of IT.</p>