# Indirapuram
## INSTITUTE OF HIGHER STUDIES
### (Affilated to CCS University, Meerut | College Code-397)

IIHS

# Be
## A IIHS
## @ DELHI NCR

## •BCA
### COURSE GUIDE

## VISION

- To develop professionals who are committed to excellence in their personal and professional endeavors through continuous competency building.

- To encourage, support and celebrate intellectual curiosity and impart value based education for the purposeful citizenship and socio–ethical leadership.

- To serve as an intellectual resource based in India, maintain the standards of excellence in every aspect of operation and become a role model for newly emerging centers of quality education.
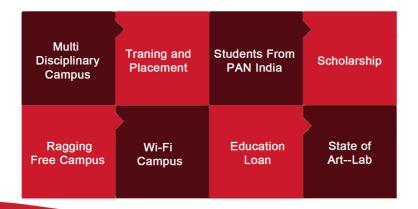
## Mission

- IIHS is committed to a long – term mission of grooming professionals par excellence. We aim at empowering students of business with the knowledge, skills, attitudes and learning experiences which are a prerequisite for transforming them into inspired and responsible leaders who create values in their respective fields, services, business and occupation and influence economic growth and societal advancement.

## Objective

- To develop managers, leaders and entrepreneurs with vision, values and ethics.

- To ensure relevance of curriculum to the changing needs of society.

- To provide diversified corporate exposures to the learners in the form corporate induction and industry interface. To groom the budding managers as value based business leaders through defined learning programs and modules on KRAs like academic learning, industry ac- quaintance, personality development and soft skills.

- To continuously upgrade the intellectual capital for better learning.

- To achieve excellence through team work and dedication.

## EXCELLENCE AT IIHS

| | | | |
|---|---|---|---|
| Multi Disciplinary Campus | Traning and Placement | Students From PAN India | Scholarship |
| Ragging Free Campus | Wi-Fi Campus | Education Loan | State of Art--Lab |

# BACHELOR OF COMPUTER APPLICATION

*Leading Technological Innovation*

## About the programme

The BCA (Bachelor of Computer Applications) program is structured to equip students with a comprehensive set of skills and knowledge vital for success of information technology. Its outcomes focus on cultivating a strong foundation in computer science, software development, and system analysis. Students develop proficiency in programming languages, database management, and software engineering principles, enabling them to design and develop robust applications. The program emphasizes problem-solving abilities, critical thinking, and logical reasoning, essential for addressing complex technological challenges. Additionally, it nurtures effective communication and teamwork skills, preparing students to collaborate seamlessly in multidisciplinary tech environments. The BCA program's ultimate goal is to produce graduates well-versed in emerging technologies, adaptable to industry changes, and capable of innovating and contributing significantly to the IT sector or pursuing further studies in specialized areas of computer applications.

## Programme Objectives

* Understand, analyze and develop computer programs in the areas related to algorithm, web design and networking for efficient design of computer-based system.

* Work in the IT sector as system engineer, software tester, junior programmer, web developer, system administrator, software developer etc.

* Apply standard software engineering practices and strategies in software project development using open-source programming environment to deliver a quality of product for business success.

* Understand the fundamental concepts of computers, software hardware and peripheral devices and evolution of computer technologies.

* Upon completion of the BBA program, the individual will be capable of analyzing, investigating and solving critical business issues.

## Programme Educational Objectives

* Familiarized with business environment and information technology and its applications in different domains.

* Gain knowledge to identify, explain and apply functional programming and object-oriented programming techniques and use of databases to develop computer programs.

* Analyze, design, implement and evaluate computerized solutions to real life problems, using appropriate computing methods including web applications.

* Understand the front end and backend of software applications.

## Eligibility

Minimum 50% marks in best four relevant subjects at XII level (Including English & Math / Computer Science / Informatics Practice / Computer Applications / Multimedia & Web)

# Career Options in IT

**Specialized Cloud & Software Engineering Profiles –**

- ✓ Web Developer
- ✓ Front End Developer
- ✓ Software Developer
- ✓ Database Developer
- ✓ Full Stack Developer
- ✓ Data Analyst
- ✓ Research Analyst
- ✓ Cloud App Developer
- ✓ App Developer for Touch & Mobile Devices

# Infrastructure

**Computer Lab**

**Library Services**

**Smart Classroom**

**Fully Wifi Campus**

**Transport Faculty**

**Sports Faculty**

Life @ IIHS

# OUR
## INDUSTRY
## CONNECT

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