



# Jharkhand State Open University

(Established by the Government of Jharkhand & Recognised as per Section (2f) of UGC Act, 1956)

झारखण्ड राज्य खुला विश्वविद्यालय



## Bachelor of Computer Applications (BCA)

Work-Linked Degree in Open & Distance  
Learning Mode

## WHAT IS A WORK-LINKED DEGREE?

A work-linked degree program allows you to study while gaining real work experience at the same time. It combines classroom learning with hands-on job training, so you can develop the skills employers are looking for even before you graduate. Plus, you can earn a stipend while working, which means you'll get paid during your training!

This type of program helps you build practical skills and gives you a head start in finding a job after you finish your studies.

## WHAT IS OPEN & DISTANCE LEARNING?

Open and Distance Learning (ODL) is a flexible education system where students can study remotely without attending a physical campus. It allows learners to access course materials and instruction from anywhere, often at their own pace.

## JHARKHAND STATE OPEN UNIVERSITY

The Jharkhand State Open University, Ranchi has been established by the State Government of Jharkhand under the Jharkhand State Open University Act, 2021 (Jharkhand Act, 12, 2021) duly enacted by the Legislature of the State of Jharkhand and approved by the Hon'ble Governor, Jharkhand on 02.11.2021 for the introduction and promotion of Open University and distance education system in the educational pattern of the Jharkhand State and to provide educational opportunities to those who are unable to go in formal education and wish to upgrade their education or acquire knowledge and studies in various fields through the distance mode of education.

### Why Choose BCA?

- Strong foundation in computer science and software development.
- Exposure to essential IT skills like programming, database management, and networking.
- Hands-on experience with emerging technologies such as AI, machine learning, and cloud computing.
- Preparation for roles in software development, IT consulting, data management, and more.



## Program Highlights



## Course Structure

### SEMESTER – I

Code No.	Paper
BCA-101	Fundamentals of Computers & Information Technology
BCA-102	Fundamentals of programming using C language
BCA-103	Data Structure Using 'C'
BCA -104	Communication Skills

### SEMESTER – II

Code No.	Paper
BCA- 201	Production and Operating Management
BCA -202	Database Management System (DBMS)
BCA-203	Digital Electronics & Computer Organization
BCA -204	Personality Development

### SEMESTER – III

Code No.	Paper
BCA -301	Introduction To Computer Network
BCA -302	Relational Database Management System
BCA-303	Operating System & Software Installation
BCA-304	Tax Planning

### SEMESTER – IV

Code No.	Paper
BCA -401	Web Technology using FOSS (LAMP/WAMP)
BCA-402	CSystem Programming and Introduction to Microprocessor
BCA-403	Introduction to Internet Technologies and HTML
BCA -404	E- commerce

### SEMESTER – V

Code No.	Paper
BCA -501	Business Application & Introduction to ERP
BCA-502	Object Oriented Concept & Programming-I (CoreJava)
BCA- 503	Mobile Application Development
BCA-504	Client/Server Architecture and Interface(C#)

### SEMESTER – VI

Code No.	Paper
BCA -601	Object Oriented Analysis and Design
BCA -602	Software Engineering
BCA -603	Internet Programming (ASP.NET using C#)
BCA -604	System Analysis and Design

## Who is This Program For?

- **Aspiring IT Professionals:** If you have a passion for technology and want to develop a solid foundation in computer applications, this program provides the skills and industry experience you need to start your career.
- **Young Professionals:** Ideal for those already working in the tech industry, this program offers a flexible learning path to enhance your qualifications and gain a formal degree.
- **High School Graduates:** This program offers a flexible and accessible route for students who want to pursue a career in IT without interrupting their work or personal commitments.





# Bachelor of Computer Applications (BCA)

Course Duration: 3 Years

## Fee Structure

Bachelor of Computer Applications	1st Year	2nd Year	3rd Year
Registration Fee	₹500/-	–	–
Kit Fees	₹4,000/-	–	–
Course Fee	₹9,400/-	₹13,400/-	₹13,400/-
Examination Fees	₹2,000/-	₹2,000/-	₹2,000/-
Apprenticeship Fee	₹5,000/-	₹5,000/-	₹5,000/-
Total Yearly Fee	₹20,900/-	₹20,400/-	₹20,400/-
Total Fees	₹61,700/-		



**Start Your Learning Journey Today**

**Step into the world of technology by enrolling in the BCA Work-Linked Degree Program.**



**For more information**

 [jsouodl.in/](https://jsouodl.in/)

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