

# **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 Science in Information Technology (B.Sc. IT)

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 B.Sc. IT?

- Strong foundation in computer science and IT principles.
- Early exposure to practical IT applications and industry standards.
- Focus on programming, database management, networking, and emerging technologies.
- Preparation for careers in software development, network administration, data analysis, and more.



# **Program Highlights**



## **Course Structure**

#### SEMESTER - I

Code No.	Paper		
BSC.IT-101	Communication Skills		
BSC.IT-102	Introduction to Programming using C		
BSC.IT-103	Office Automation Tools		
BSC.IT-104	Fundamental of Operating System		
BSC.IT-105	Computer Fundamentals		

#### **SEMESTER - II**

Code No.	Paper
BSC.IT-201	Database Management System
BSC.IT-202	Financial Accounting and Management
BSC.IT-203	Data Structure
BSC.IT-204	Object Oriented Programming using C++
BSC.IT-205	System Analysis and Design

#### SEMESTER - III

Code No.	Paper
BSC.IT-301	Relational Database Management System
BSC.IT-302	Computer Networks
BSC.IT-303	Software Engineering
BSC.IT-304	Object Oriented Programming using Java (CoreJava)
BSC.IT-305	Introduction to Web Designing

#### SEMESTER - IV

Code No.	Paper		
BSC.IT-401	Digital Electronics		
BSC.IT-402	Client Server Architecture and Interface		
BSC.IT-403	Computer Oriented Numerical Method		
BSC.IT-404	Introduction to Python Programming		

#### SEMESTER – V

Code No.	Paper		
BSC.IT-501	Advanced Java		
BSC.IT-502	Distributed Operating System		
BSC.IT-503	Statistical Methods		
BSC.IT-504	System Software		

#### SEMESTER – VI

Code No.	Paper
BSC.IT-601 BSC.IT-602	Introduction to Cyber Security Introduction to IOT and Its Application
BSC.IT-603 BSC.IT-604	Mobile Operating Systems Social Media and Search Engine Optimization
BSC.IT-605	Internship cum Software Development Project - I

### Who is This Program For?

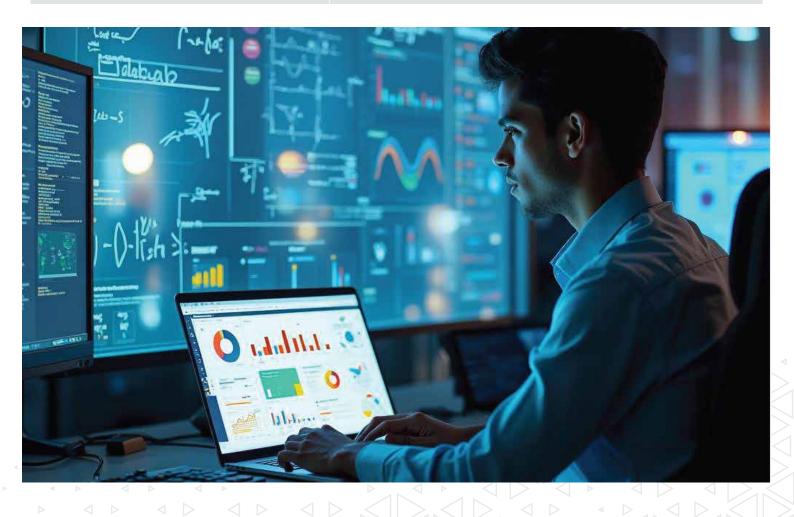
- Aspiring IT Professionals: If you're passionate about technology and want to make a mark in the IT sector, this program provides the skills and industry experience you need to succeed.
- Young Professionals: Ideal for those who wish to enhance their qualifications and gain hands-on IT experience while earning an accredited degree.
- **High School Graduates:** This program offers a flexible path for students who want to pursue a career in IT without interrupting their work or personal life.



# **Bachelor of Science in Information Technology (B.Sc. IT)**

## **Course Duration: 3 Years**

Fee Structure					
Bachelor of Science in Information Technology	1st Year	2nd Year	3rd Year		
Registration Fee	₹500/-	-	-		
Kit Fees	₹2,000/-	_	-		
Course Fee	₹12,000/-	₹14,000/-	₹14,000/-		
Examination Fees	₹1,000/-	₹1,000/-	₹1,000/-		
Apprenticeship Fee	₹5,000/-	₹5,000/-	₹5,000/-		
Total Yearly Fee	₹20,500/-	₹20,000/-	₹20,000/-		
Total Fees	₹60,500/-				



# Start Your IT Learning Journey Today

Kickstart your career in the rapidly growing IT industry by enrolling in the B.Sc. IT Degree Program.



# For more information



