



# 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)

Open & Distance Learning Degree Program

## 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?

- Build a strong foundation in computer science and information technology.
- Learn key skills in programming, networking, database management, and emerging IT technologies.
- Gain hands-on knowledge of practical IT applications and real-world tech solutions.
- Equip yourself for career opportunities in various technology-driven sectors, from software development to network administration and beyond.



## 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	Introduction to Cyber Security
BSC.IT-602	Introduction to IOT and Its Application
BSC.IT-603	Mobile Operating Systems
BSC.IT-604	Social Media and Search Engine Optimization
BSC.IT-605	Internship cum Software Development Project - I



## Who is This Program For?

- **Aspiring IT Professionals:** This program is perfect for those who are passionate about technology and wish to gain foundational knowledge and hands-on skills in IT and computer science
- **Young Professionals:** Ideal for individuals already working in the IT field who want to formalize their skills with a degree while benefiting from the flexibility of online learning.
- **High School Graduates:** SA great option for students who want to pursue a career in IT and gain relevant knowledge and skills without the need to attend a physical campus.



# 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/-
Total Yearly Fee	₹15,500/-	₹15,000/-	₹15,000/-
Total Fees	₹45,500/-		



**Start Your IT Learning Journey Today**

Take the next step toward your IT career by enrolling in the B.Sc. IT Degree Program.



**For more information**

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

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