



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

Flexible Online Learning

Study at your own pace with access to an interactive online learning platform. You can complete your coursework and participate in virtual classes when it fits your schedule, ensuring a balance between study, work, and personal commitments.

Work-Linked Model

Integrating classroom learning with hands-on experience, this program allows you to work in a real-world IT environment while earning a stipend. Apply what you learn in your job, enhancing your practical skills and preparing you for the workforce.

Experienced Faculty

Learn from experienced educators and industry professionals who bring a wealth of knowledge and practical experience to the virtual classroom, ensuring that you're equipped with the latest insights and skills.

Earn While You Learn

Get paid during your work placements or internships, helping to support your education while gaining valuable work experience.

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:** 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

 jsouodl.in/

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