Viewbook 2025

BIT
Bachelor of Information Technology

"Together, let's build a technologically advanced and digitally empowered nation!"

Affiliated to
Purvanchal University

BPC *birgunj public college*
institute of management

ISO 9001:2015 Certification

BIT
Scholarship Available

4 — BIT is a four-year program

135+ — 135+ credit hours

Course Objective

The BIT program comprehensively covers information systems development and human interaction, equipping students for IT careers. It emphasizes software, hardware, networking, data structures, and computer architecture, blending theory and practice. Graduates are prepared for global industry standards in this rapidly growing field.

Admission Requirements

Candidates must have completed +2 or an equivalent qualification with **_100 marks in Mathematics (minimum D+ grade)._** They should have secured at least 45% marks or a D grade in each subject with a minimum GPA of 2.00 in aggregate from a recognized academic institution.
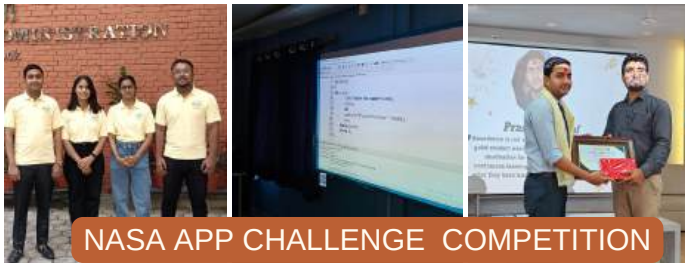
Entrance Exam Application Form

University Entrance Exam application forms are available at all colleges offering the BIT program, including BPC. Applicants must submit the duly filled form along with required documents and photographs before the specified deadline

Beyond Books: Nurturing Talents & Skills
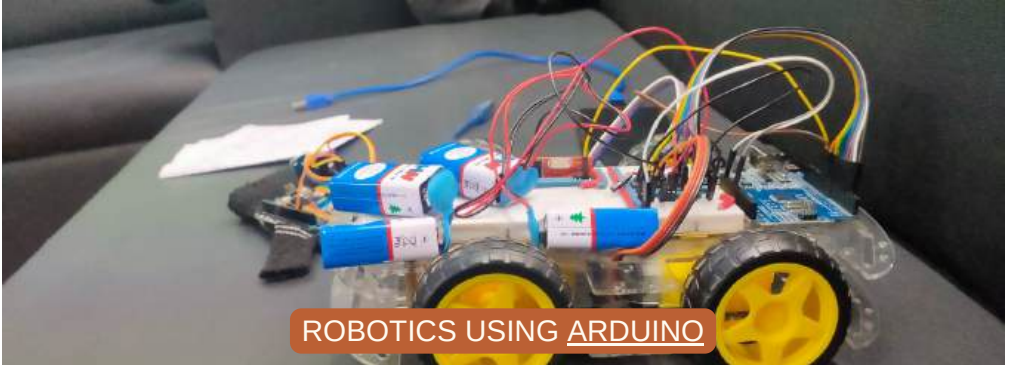
NETWORK SIMULATION LAB

CELEBRATING
25 Years
ACADEMIC EXCELLENCE
BIRGUNJ PUBLIC COLLEGE

NASA APP CHALLENGE COMPETITION

COMPUTER SCIENCE LAB 1

COMPUTER SCIENCE LAB 2

ROBOTICS USING ARDUINO

HARDWARE LAB

RAFTING

SPORTS

HONOR PROGRAME

INDUSTRIAL VISITS

Er.Jaikishan Kumar
Designation: Academic Coordinator
& Program Head
Qualification: B.Tech, M.Tech-CSE

Dear Students,

Welcome to the Bachelor of Information Technology (BIT) program at Birgunj Public College!

On behalf of the Department of Computer Science and Technology, I am thrilled to extend a warm welcome to you all.

At BPC, our commitment extends beyond academic excellence—we aim to equip you with cutting-edge technical skills, problem-solving abilities, and innovative thinking, empowering you to thrive in the ever-evolving field of Information Technology.

We focus on quality education, hands-on learning, and industry exposure, ensuring that you are well-prepared for real-world challenges. With a team of highly experienced faculty and industry experts, we integrate modern teaching methodologies, research-driven insights, and practical applications to provide a dynamic and engaging learning environment.

We look forward to supporting you on this exciting journey of growth and discovery.

Wishing you a transformative and inspiring experience at BPC!

Thank you!

"Inspiring education, transformative learning, and holistic development."

Integrated Learning Strategy

Birgunj Public College seamlessly integrates traditional classroom learning with modern digital tools in its blended education strategy, promoting student engagement, flexibility, and accessibility for a well-rounded education.

Semester I				Semester II			
Code	Subject	Credits		Code	Subject	Credits	
BIT101CO	Fundamentals of Information Technology	3		BIT151HS	Mathematics-II	3	
BIT102HS	Mathematics-I	3		BIT152CO	Digital Logic	3	
BIT103HS	Technical Communication	3		BIT153HS	Discrete Structure	3	
BIT104HS	Society and Ethics in IT	3		BIT154CO	Object –Oriented Programming in C++	3	
BIT105CO	Computer programming in C	3		BIT155MS	Financial Management and Accounting	3	
BIT106CO	Project-I	2		BIT156CO	Project-II	2	

Semester III				Semester IV			
Code	Subject	Credits		Code	Subject	Credits	
BIT201HS	Numerical Methods	3		BIT251HS	Probability and Statistics	3	
BIT202CO	Microcontroller	3		BIT252CO	Computer Organization and Architecture	3	
BIT203CO	Data Structure and Algorithm	3		BIT253CO	Operating System	3	
BIT204CO	Computer Network and Data Communication	3		BIT254CO	Database Management System	3	
BIT205CO	System Analysis and Design	3		BIT255CO	Programming in JAVA	3	
BIT206CO	Project-III	2		BIT256CO	Project-IV	2	

Semester V				Semester VI			
Code	Subject	Credits		Code	Subject	Credits	
BIT301HS	Research Methodology	3		BIT351CO	Artificial Intelligence	3	
BIT302CO	Computer Graphics	3		BIT352CO	Management Information System	3	
BIT303CO	Cryptography and Network Security	3		BIT353CO	Data warehousing and Data Mining	3	
BIT304CO	Web Technology	3		BIT354CO	Simulation and Modeling	3	
BIT305CO	Internet of Things	3		BIT355CO	Software Engineering	3	
BIT306CO	Project-V	2		BIT356CO	Project-VI	2	

Semester VII				Semester VIII			
Code	Subject	Credits		Code	Subject	Credits	
BIT401CO	Network Programming	3		BIT451MS	Principles of Management and Entrepreneurship in IT	3	
BIT402CO	Digital Governance	3		BIT452CO	Distributed and Cloud Computing	3	
BIT4**	Specialization 1	3		BIT4**	Specialization 3	3	
BIT4**	Specialization 2	3		BIT4**	Specialization 4	3	
BIT403CO	Internship	3		BIT453CO	Apprentice Project	3	

Professional Fields and Future Outlook

- Information System Management: System managers for private/government organizations.
- Software Engineering: Engineers for modern CASE tools.
- Networking: Network managers for secure networks.
- AI: Specialists in complex intelligent algorithms.
- Software Development: Engineers overseeing software production.
- Web/Internet Programming: Developers for intelligent systems (PHP, Java, ASP.net).
- Network/Cyber Security: Network administrators for organizational security.
- Database Designing: Database designers for various organizations.

Evaluation Criteria

BIT students are continuously assessed across multiple areas using diverse evaluation methods.

- Assignments and Projects
- Lab Practical Exam and Presentations
- Group Projects and Case Studies
- Quizzes and Tests

- Terminal Examinations
- Continuous Assessments
- Internships and Final Projects
- Peer-Reviews and Online Portfolios

Students Affairs

- Counseling
- Internship and Job Placements
- Students Mobility Programs
- Exposures Tour
- Community Engagements

Connect with us

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ISO 9001:2015 Certified

Let's unite to create a
digitally empowered nation!

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Information Technology

Contact :

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