

Viewbook 2026

BIT

Bachelor of Information Technology

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



Affiliated to
Purbanchal University



BPC
birgunj public college
institute of management
& technology



BIT

Scholarship
Available



BIT is a
four-year program



135+ credit hours

Course Objective

The BIT program offers a well-rounded education in information systems development and human-computer interaction, preparing students for diverse careers in IT. It focuses on key areas such as software, hardware, networking, data structures, and computer architecture, effectively integrating theoretical knowledge with practical application. Graduates are equipped to meet global industry standards in this fast-evolving and dynamic field.

Admission Requirements

Applicants must have passed +2 (or equivalent) with a minimum of 'D' grade in each subject ('D+' for old grading system) and an aggregate GPA of at least 2.0, Or at least 45% marks in Intermediate with 100 marks in **Mathematics/Computer Science or 3 years Diploma in any stream.**

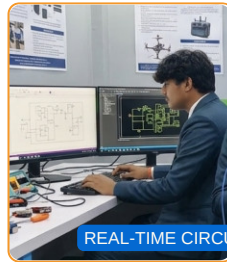
For 'A' Level, applicants must have obtained at least an E grade in each subject or an aggregate of 45%.

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 Academics: Enhancing Skills and Potential





SOFTWARE DEV



WORKING USING ARDUINO



HARDWARE LAB



RAFTING



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 delighted to warmly welcome each one of you. At BPC, our vision goes beyond academic excellence—we strive to equip you with advanced technical expertise, strong problem-solving skills, and innovative thinking, enabling you to excel in the ever-evolving world of Information Technology.






We emphasize quality education, practical exposure, and industry-oriented learning to ensure you are ready to face real-world challenges with confidence. With the guidance of experienced faculty members and industry professionals, we adopt modern teaching approaches, research-based knowledge, and hands-on applications to create an engaging and dynamic learning environment.

We are excited to be part of your journey toward growth, knowledge, and success. Wishing you an inspiring and transformative experience at BPC!

Thank you!

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

Professional Fields & Future Opportunities

KEY ROLES AND RESPONSIBILITIES  Innovate. Integrate. Elevate				
	<input checked="" type="checkbox"/> SOFTWARE DEVELOPER	<input type="checkbox"/> WEB DEVELOPER	<input type="checkbox"/> MOBILE APP DEVELOPER	<input type="checkbox"/> SYSTEM ADMIN
	<input type="checkbox"/> NETWORK ENGINEER	<input checked="" type="checkbox"/> DATABASE ADMIN	<input type="checkbox"/> CYBER SECURITY ANALYST	<input type="checkbox"/> CLOUD ENGINEER
<input type="checkbox"/> AI / MACHINE LEARNING ENGINEER	<input type="checkbox"/> DEVOPS ENGINEER	<input type="checkbox"/> UI/UX DESIGNER	<input checked="" type="checkbox"/> IOT (INTERNET OF THINGS) ENGINEER	

POSTGRADUATE PROGRAMS
(MASTER'S DEGREE OPTIONS)



- MIT
- MITM
- M.Sc. in Computer Science
- MBA in IT
- MBA General
- MCA

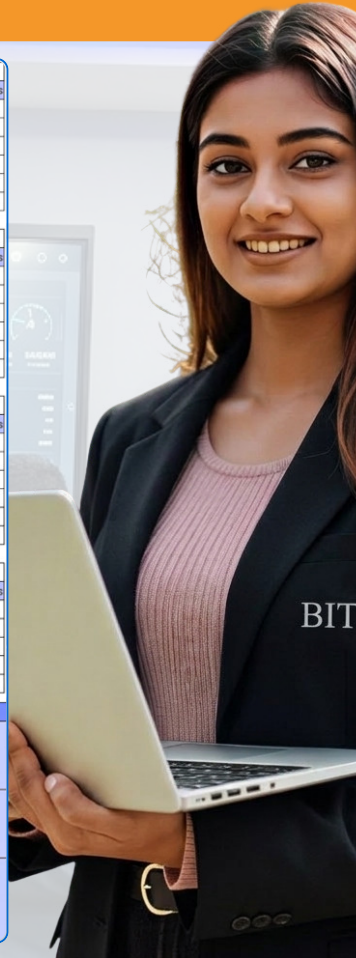
Evaluation Criteria

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

Course Structures

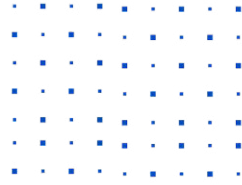
Semester I			Semester II		
Code	Subject	Credits	Code	Subject	Credits
BIT101CO	Fundamentals of Information Technology	3	BIT151HS	Mathematics-II	3
BIT102HS	Mathematics-I	3	BIT152CO	Digital Logic	3
BIT103HS	Technical Communication	3	BIT153HS	Discrete Structure	3
BIT104HS	Society and Ethics in IT	3	BIT154CO	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
Specialization 1 & 2			Specialization 3 & 4		
A.	Intelligent Systems and Business Analytics BIT421CO: Machine Learning BIT422CO: Business Intelligence and Data Science BIT423CO: Deep Learning		A.	Intelligent Systems and Business Analytics BIT471CO: Natural Language Processing BIT472MS: Supply Chain Analytics	
B.	Digital Commerce and Mobile application Development BIT428CO: Digital Commerce BIT429CO: Multimedia and Application		B.	Digital Commerce and Mobile application Development BIT478CO: Big Data BIT479CO: Mobile App development	
C.	Climate Change Management BIT435CO: GIS BIT437CO: Remote Sensing BIT437CO: Data Center and Disaster Recovery Center		C.	Climate Change Management BIT485CO: Incident Response and Management System BIT486CO: Climate Change Risk Management BIT487CO: Disaster Governance	



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Students Affairs

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

Connect with us



Let's unite to create a
digitally empowered nation!

BIT | Bachelor of
Information Technology

Contact :

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