Bachelor of Information Technology (BIT)

Trainings

At Himalayan Whitehouse International College, we offer a comprehensive training program for BIT students designed to equip them with the latest skills and knowledge in the field of Information Technology. These courses are offered outside of the university syllabus and include:

Web Designing: Learn to create stunning & responsive websites using HTML, CSS, & JavaScript.

Python: Master one of the most versatile programming languages, covering basics to advanced concepts and applications.

Basic CCNA: Gain foundational networking skills and knowledge essential for Cisco networks.

Linux: Dive deep into the world of Linux OS, including installation, administration, and command-line skills.

PHP/ Laravel: Develop dynamic web applications with practical training in PHP programming and the Laravel framework.

MERN Stack (MongoDB, Express.js, React.js, Node.js): Become proficient in full-stack JavaScript development covering MongoDB, Express.js, React, and Node.js.

Mobile App Development: Build mobile applications using popular platforms and tools like Android and iOS.

I loved my time at Himalayan Whitehouse International College. It is an amazing place to study. The campus is beautiful, the professors are knowledgeable and supportive, and the classes are engaging. The faculty's dedication to student's success, combined with a rich and diverse curriculum, has provided me with a solid foundation for my future career. The supportive environment and numerous opportunities for hands-on learning have not only enhanced my academic skills but also helped me grow personally and professionally. I am proud to be an alumnus of such an outstanding institution. Highly recommend this college!

Shisam Shrestha, BIT 4th Semester

About College

Himalayan WhiteHouse International College (HWIC), established in 2001, envisioned as the center for excellence in education, is one of the top leading Management and Technology Colleges in Nepal. Since its inception, the college has been ranked as the top leading institution providing Engineering, Sciences, Management, Hospitality and Liberal Arts education in Nepal. The School of Engineering and Science & Technology has been imparting **Bachelor of Civil Engineering, Bachelor of Electronics Communication and Automation Engineering, Bachelor of Computer Engineering, Bachelor of Information Technology (BIT) and B.Tech in Bio-technology**, whereas the School of Management & Arts offers **BBA, BHM, Bachelor of Liberal Arts & Sciences (BLAS), MBA and EMBA** programs. At HWIC, we focus on the combined approach to quality academics, outstanding faculties, and state-of-the-art facilities to mold our students for global competition and challenge to become the global achievers and leaders.

Further, they are groomed with organization, communication, innovation and leadership skills with an environment where they are encouraged and equipped for their career options to cope with the challenges in the contemporary world.

Scan for Location

Himalayan White House International College
(Affiliated to Purbanchal University)
College of Management & Technology

For More Info
- 01-5322688, 5322458, 9843207064
- Putalisadak, Kathmandu
- Info@whitehousecmt.edu.np
- www.whitehousecmt.edu.np

/WhiteHouseCMT   /whitehousecmt   /school/whitehousecmt

Programs Offered
BIT | B.E. Civil | B.E. Computer | B.E. Elx Comm. & Automation
BBA | BHM | BLAS | MBA | MBA Executive | **B. Tech in Biotechnology**

Himalayan White House International College
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College of Management & Technology

Celebrating 25th Year of Academic Excellence

BIT
Bachelor of Information Technology

...Where Excellence is more a norm than an Exception

www.whitehousecmt.edu.np

Bachelor of Information Technology (BIT)

The Bachelor of Information Technology (BIT) is a four years program with 132 credits. This program provides the good knowledge in computer science, big data and their application in the respective fields. This program focuses on the system development aspects of information technology. Students gain extensive experience in developing information technology to address the needs of modern organizations. The course includes basic programming constructs as well as modern programming environment, database management system, networking, multimedia system, software quality management and data science.

Specialization area courses have been designed in three major areas for in-depth knowledge. Students are required to take four specialization courses, two courses each in seventh and eight semester, from a selected area of specialization. Currently, three specialization areas (Intelligent Systems and Business Analytics, E-Commerce and Web Application Development, and Climate Change Management) are offered to the students.

Admission Criteria

The Candidate must have passed +2 or Equivalent (with a Mathematics subject of 100 marks with min. D+ grade) from any recognized academic institution and minimum 45% marks or D+ grade in each subject with GPA 2.00 in aggregate.

Aspiring students must pass the Entrance Examination conducted by the University.

Scholarship Scheme

- **University Scholarship:** As per the rules and regulations of Purbanchal University.
- **College Scholarship: Up to 50% in tuition fee** based on the academic performance in +2/Diploma or equivalent degrees.

Bachelor of Information Technology Course Structure

Semester I
Fundamentals of Information Technology
Mathematics-I
Technical Communication
Society and Ethics in IT
Computer Programming in C
Project-I

Semester II
Mathematics-II
Digital Logic
Discrete Structure
Object Oriented Programming in C++
Financial Management and Accounting
Project-II

Semester III
Numerical Methods
Microcontroller
Data Structure and Algorithm
Computer Network & Data Communication
System Analysis and Design
Project-III

Semester IV
Probability and Statistics
Computer Organization & Architecture
Operating System
Database Management System
Programming in JAVA
Project-IV

Semester V
Research Methodology
Computer Graphics
Cryptography and Network Security
Web Technology
Internet of Things
Project-V

Semester VI
Artificial Intelligence
Management Information System
Data warehousing and Data Mining
Simulation and Modeling
Software Engineering
Project-VI

Semester VII
Network Programming
Digital Governance
Specialization-I
Specialization-II
Internship

Semester VIII
Principles of Management & Entrepreneurship in IT
Distributed and Cloud Computing
Specialization-III
Specialization-IV
Apprentice Project

My time at the White House has been a fantastic journey filled with valuable experiences. The college's commitment to excellence, state-of-the-art facilities, experienced faculty, and innovative teaching methods have provided a solid IT foundation. The supportive environment and emphasis on networking and collaboration have been crucial to my development. As I continue my studies, I'm excited about the future and the endless possibilities ahead.

Bhuwan Pandey, BIT 2nd Semester

Message from Head of Department

It is a pleasure to head the Department of B.E. Computer and Bachelor of Information Technology at Himalayan WhiteHouse International College, Putalisadak. The department offers B.E Computer and Bachelor of Information Technology (BIT) program in Information Technology. The department has a team of well qualified, experienced and motivated faculty members to prepare the young minds of our students for global competition. Students of IT department are also motivated and ready for IT Industry with hands on experience on current technologies/programming languages.

The department regularly organizes various professional development activities and grooms its students with the communication classes and personality development program.

Er. Bimal Sharma
HOD, Department of IT,
Computer & Electronics

Sports, co-curricular and extra-curricular activities takes place at institute level and students participate in various intra-college, inter-college, inter-university fests/competitions.Department constantly works for overall growth of students and inculcate the qualities/features that are required and acceptable by Society. Faculty/students take initiative for social causes at individual level and as a team under different banners/clubs of the Institute. Turning a student in to a good and proficient citizen is the prime aim of the department.

Career Opportunities & Placement

Information technology (IT) is all about developing, building and maintaining software technology systems to meet the challenges faced by business and society. The graduates of Bachelor of Information Technology will be able in producing and implementing substantial network or distributed software -based system to address current and emerging needs of local business, government and community organizations.

We connect our students with the corporate sector, guide them for career exploration, internships, placement and head hunt brightest students for the top positions in IT industry.

Scope for Further Studies

- Master of Information Technology (MIT)
- Master of Computer Application (MCA)
- Master of Science in Computer Science (MSCS)
- Master of Computer Information System (MCIS)
- Master of Business Administration (MBA