

Facilities and Visiting Professionals

College has developed A/V class rooms and latest Engineering & IT laboratories fully equipped according to the norms & standards of the Universities and Nepal Engineering Council. It has Advanced Computer labs, Electrical & Electronics Lab, Microprocessor & Digital Logic lab, Communication lab along with Physics, Chemistry , Workshop labs, Drawing Hall and Project Room as per international standard.

We provide lectures and presentations on diverse, useful topics from eminent professionals. College emphasizes a specified number of field visits for professional experience and implements the stipulation pertaining to internships for an Engineering degree.

Life at HWIC



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 in Civil Engineering, Bachelor in Electronics Communication and Automation Engineering, Bachelor in 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.



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



Bachelor in Computer Engineering



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

www.whitehousecmt.edu.np

Bachelor in Computer Engineering (BE Computer)

We at HWIC are offering the Bachelor in Computer Engineering (a four year/eight semester 148 credit hours program). No Field is changing faster and having a bigger impact in today’s world than computing and information technology. To keep pace with this change, there is unprecedented demand for computer engineers who understand digital hardware and software, and can interface computing technology with other engineered systems. Working as a computer engineer, you may specialize in one area, such as embedded systems, computer networks, robotics, or VLSI system design. You may also find yourself working with other engineering disciplines—for example, teaming up with civil engineers to design software testing the stress points in a bridge, or with mechanical engineers to design a satellite control system. You have the ability to solve difficult, potentially unexplored, problems from all areas of society. Using an appropriate computer language, you can contribute to the solution.

Admission Criteria

The candidate must have passed +2 Science/A level or equivalent (with Physics, Chemistry (or Computer Science) & Mathematics) with minimum ‘C’ Grade in Physics, Chemistry (or Computer Science) & Mathematics from any recognized academic institution with minimum 45% marks or GPA 2.00 in aggregate.

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.



After extensive research, it’s clear that Himalayan WhiteHouse International College offers a positive, supportive, and encouraging learning environment. The faculty, from the principal to the lecturers, are committed to providing quality education. The depth of knowledge, expertise of the lecturers, and opportunities for interpersonal growth make it my top choice among all the colleges I considered.

Elisha Khanal (B.E. Computer 2022)

Bachelor in Computer Engineering Course Structure

Semester I	Mathematics-I Physics English for Technical Communication Computer Programming Fundamental of Computing Technology Engineering Drawing Workshop Technology	Semester II	Mathematics-II Chemistry Object Oriented Programming Digital Logic Applied Mechanics Basic Electrical Engineering
Semester III	Mathematics-III Data Structure and Algorithm Object Oriented Analysis and Design Computer Graphics Electronic Devices and Circuits Applied Sociology Project-I	Semester IV	Database Management System Discrete Structure Microprocessor Python Programming Communication System Probability & Statistics
Semester V	Algorithm Analysis and Design Computer Architecture and Design Numerical methods Operating system Engineering Economics Research Methodology Project-II	Semester VI	Artificial Intelligence Computer Network Internet of Things (IoT) Software Engineering Theory of Computation Control system
Semester VII	Distributed & Cloud Computing IT Project Management Simulation and Modeling Elective-I Elective-II Project-A	Semester VIII	Cyber Security Engineering Professional Practice Elective -III Elective -IV Project-B Internship



As a second-semester BE Computer student at Himalayan Whitehouse International College, I’ve been thrilled with the academic experience. The wonderful labs, comprehensive library, and exceptional faculty create an ideal learning environment. Working on practical projects has been inspiring, and I’m excited about the internships and placement we’ll get after passing. The supportive atmosphere here is truly encouraging for my academic and personal growth.

Shubam Poudel (B.E. Computer 2023 Batch)

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. 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.



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

Career Opportunities (Trainings/Internships/Placement)

We develop our Bachelor in Computer Engineering Students to :

- ✔ Analyze, design and develop software and hardware of computer systems and design secure networks & monitor them to handle data and information worldwide.
- ✔ Design and develop web, desktop or mobile based systems, build up websites, and create software applications to satisfy customer needs.
- ✔ Gain specialization in configuration, integration, development, and testing of systems and networks to meet industrial needs.
- ✔ Resolve system related issues and troubleshoot communication and networking problems to ensure smooth operation
- ✔ Acquire skills and expertise in intelligent information retrieval systems to benefit decision making bodies in an organization.

We offer related-training in different semesters from renowned institutions and experts which bridge the gap between the allocated curriculum and an ever-evolving industry. Also we develop students professionally through training sessions, workshops, and internships. These deal with practical experience, time management, self-management, corporate dressing, interpersonal skills and others.

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