



# Academic Skills and Team-based Learning (4CI018)

Himalayan IT Solutions PVT.LTD

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Herald College Kathmandu is a reputable institution known for supplying a solid foundation in computer science fundamentals such as programming, data structures and algorithms, and databases. This report discusses why IT companies in Nepal should choose or hire Herald College Kathmandu graduates. Furthermore, this report explains why Herald College Kathmandu students own a combination of technical skills and practical experience that qualifies them to support the business goals of Nepal IT companies. The college's emphasis on practical experience and opportunities to connect with industry professionals gives graduates an advantage in the job market. As a result, Nepal IT firms should consider hiring students from Herald College Kathmandu to fill open positions. The goal of this report is to supply an overview of my degree graduates' skills and competencies and to evaluate whether they are suitable candidates for employment at the organization.

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## **1. Introduction**

### **1.1 Herald College Kathmandu (HCK)**

- Herald College Kathmandu is regarded as one of Nepal's most prestigious private universities. It is well-known for its excellent administrative and training staff. HCK has a long history of educational excellence and is widely regarded as a top choice for students looking for a high-quality education. The university supplies undergraduate and graduate programs in areas such as business, engineering, and computer science. Qualified and experienced instructors instruct this program. Internships and other firsthand learning opportunities are provided by the university in collaboration with several local and international organizations. Herald College Kathmandu provides students with a variety of extracurricular activities and opportunities, such as sports teams, clubs, and libraries, in addition to academic programs. (Herald College Kathmandu, 2023)

### **1.2 University of Wolverhampton (WLV)**

- The University of Wolverhampton was founded in 1835. The university conducts applied research and collaborated with several regional and national organizations. IT-related courses are offered for both undergraduate and graduate students in this university. Students can specialize in areas like artificial intelligence, human-computer interaction, or web development. The university also offers research-based programs like MPhil and Ph.D. in Computer Science, allowing students to delve deeper into specific areas of interest in IT. (University of Wolverhampton, 2023)

### **1.3 Himalayan IT Solutions**

- Himalayan IT Solutions is a Nepal-based IT company that offers a variety of IT services to clients all over the world. Software development, web design and development, and IT consulting are among the services offered by the company.

Software development, web design and development, and IT consulting are among the services offered by the company. Himalayan IT Solutions is a skilled and dependable IT company that offers a wide range of high-quality IT services to customers all over the world. The company is well-positioned to aid its clients in achieving their business goals, thanks to a team of experienced IT professionals and a reputation for excellent customer service. (Himalayan IT solution , 2023)

## **2. Discussion**

### **2.1. Distinctions between Herald College Kathmandu (HCK) and other local colleges in Nepal**

- There are many distinctions between HCK and local Nepalese colleges. One of the most notable distinctions is that Kathmandu Herald College is internationally affiliated, while many of Nepal's local universities are not. This distinction is significant because universities and employers accept Herald College Kathmandu's diplomas and transcripts all over the world, while local universities in Nepal may have difficulty recognizing students' diplomas outside of Nepal. This contrast is significant because it implies that Herald College Kathmandu can provide a more diverse and rich educational experience, allowing students to interact with people from various backgrounds and cultures. Few other differences varying on different terms are explained below:

#### **2.1.1.: In terms of Skill Orientation**

- The graduates of Herald College Kathmandu are well-known for their engineering and management abilities. They supply a wide range of courses in computer science, electronics, civil engineering, and business administration, among other things. Herald College Kathmandu is well-known for supplying a solid foundation

in fundamental computer science concepts such as programming, data structures, algorithms, and databases. Specialized courses in software engineering, network engineering, and cybersecurity are also provided by HCK.

- Local Nepalese universities, on the other hand, may have less developed IT departments and a lesser emphasis on providing students with direct experience through internships and projects.

### **2.1.2.: In terms of teaching method**

- HCK's teaching combines traditional classroom lectures with interactive learning methods such as group work, problem-based learning, and direct projects. Innovative teaching aids such as multimedia and digital tools, as well as interactive whiteboards are used to enhance the learning experience.
- Local universities in Nepal, on the other hand, uses a more traditional teaching method, with an emphasis on classroom lectures and rote memorization. These universities do not have the same resources and ability as Herald College Kathmandu, and they do not provide opportunities for firsthand learning and interaction with industry experts.

### **2.1.3.: In terms of Curriculum**

- The syllabus is regularly updated to keep you up to date on the latest trends and technologies in the field. In addition to the curriculum, Herald College Kathmandu provides students with the opportunity to gain practical experience through internships and projects, allowing them to develop their skills and prepare for the job market. The university is connected to the IT industry and receives regular visits from IT professionals seeking industry insights. When compared to Nepalese universities, Herald College Kathmandu has an advantage in terms of competency orientation in the IT sector.

- On the other hand, local Nepalese colleges have less modernized curricula, less industry exposure, or underdeveloped facilities than Herald College. Curriculum may be out of date and out of step with industry demands.

#### **2.1.4.: In terms of study Credit-hours**

- The IT department at Herald College Kathmandu complies to the semester and credit hours systems popular in United Kingdom.
- While the local colleges in Nepal, imposes completely different credit hour requirements on their IT programs, and their curricula and facilities are not as up to date and tailored to industry needs as Herald College.

#### **2.1.5.: In terms of Internship**

- Herald College Kathmandu is known for its IT faculty internships, which allow students to gain direct experience through internships and projects. This assists students in honing their skills and preparing for the job market. Many HCK graduates are hired by the companies where they did their interns.
- When compared to Nepalese universities, internship availability may vary. Some local universities provide students with direct experience through internships and projects, but their resources, facilities, and industry connections may not be as developed as Herald College Kathmandu. There is one. Some local universities have few industry connections or do not have a dedicated career development department to help with internships.

#### **2.1.6.: In terms of Communities**

- Herald College Kathmandu outperforms Nepal's local colleges. The university has a vibrant student community, with several student-run clubs and organizations focusing on various areas of computer science and information technology. These



clubs and organizations provide students with opportunities to develop skills, network with peers, and connect with industry professionals. Many of these clubs' host events and workshops that help to supply added knowledge and learning opportunities. Some of the communities in HCK are: Ethical HCK, UI-vision, Idea City, and many more.

- While in the local colleges in Nepal have fewer student-run computer science and information technology clubs and organizations, giving students fewer opportunities to network with peers and connect with industry professionals.

#### **2.1.7.: In terms of Events and extracurricular activities**

- Herald College Kathmandu has an upper hand over other Nepalese college. Workshops, seminars, hackathons, and other competitions are held on a regular basis at the university as extracurricular activities. These events allow students to learn new skills, network with peers and industry professionals, and display their abilities. In addition, the university hosts regular guest lectures, industry visits, and collaborations with a variety of IT firms.
- Events and extracurricular activities are infrequent or inconsistent. There may not be lots of opportunities for students to take part in extracurricular activities and events at rural colleges in Nepal, or they may not be organized on a regular basis.

### **3. Course Structure of IT or computer science in Herald College Kathmandu (HCK)**

3.1.:

Year 1	Year 2	Year 3
Computational Mathematics		+
Fundamentals of Computing		+
Internet Software Architecture		+
Academic Skills and Team-Based Learning		+
Embedded System Programming		+
Introductory Programming And Problem Solving		+

Figure 1: Year 1 Course Structure

## 3.2.:

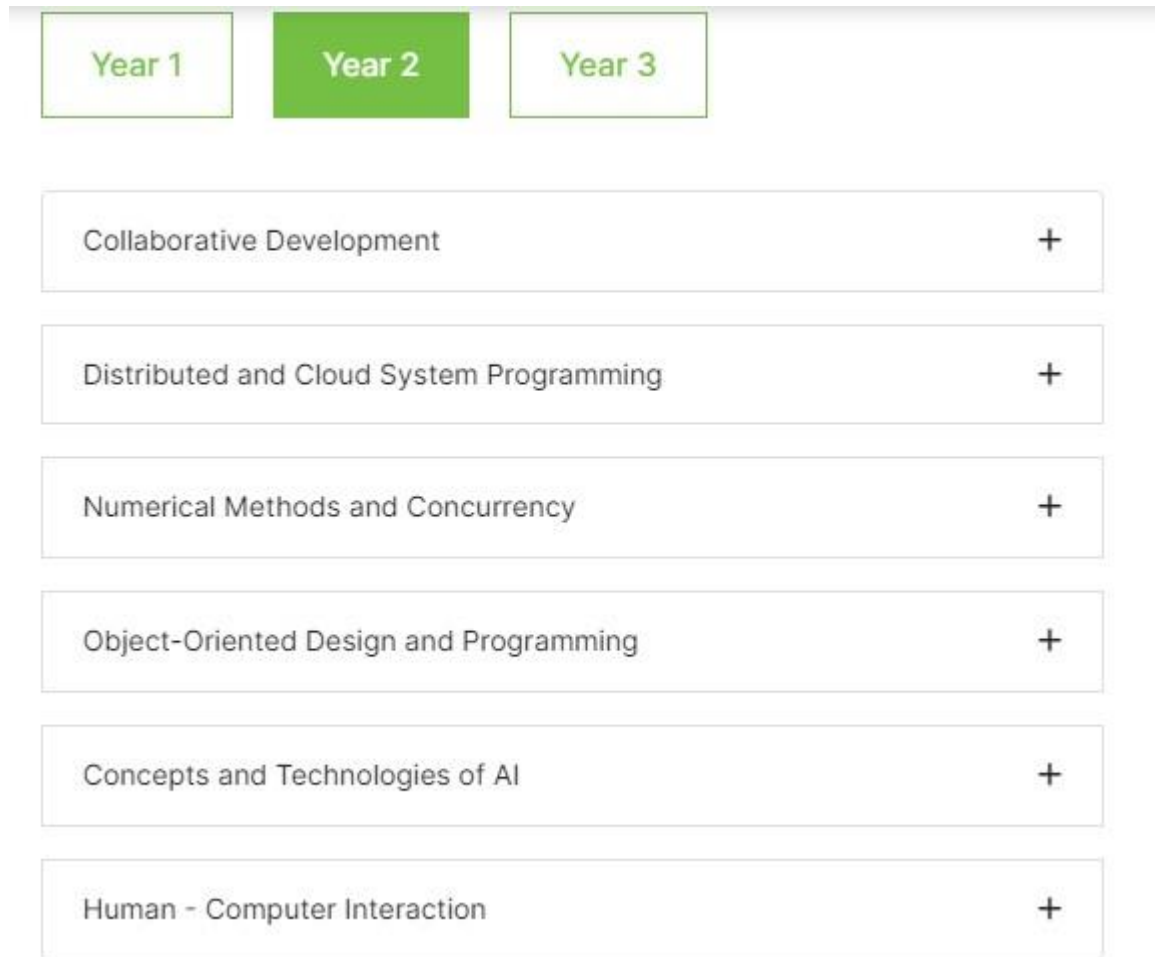
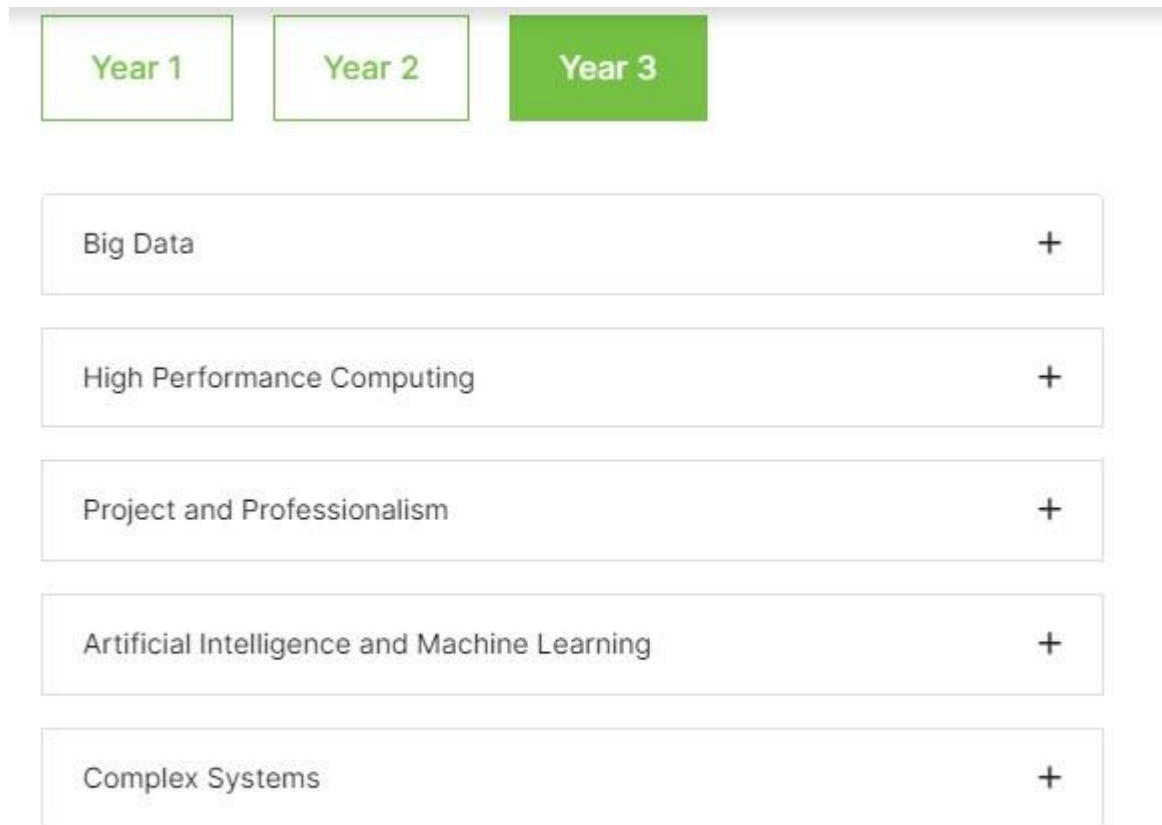


Figure 2: Year 2 Course Structure

## 3. 3.:



*Figure 3: Year 3 Course Structure*

#### 4. Review on Himalayan IT solutions company

- Himalaya IT Solutions Company employs a team of skilled and knowledgeable IT professionals who specialize in software development, web design and development, and IT consulting. Custom software solutions for platforms such as Windows, Linux, and macOS, as well as database integration, are among the company's software development services. The web design and development services for the company include developing responsive and user-friendly websites with a variety of web technologies. This company has experience with popular content management systems such as WordPress and Joomla, as well as

ability in developing his websites using technologies such as HTML, CSS, JavaScript, PHP, Python, SQL, and C#. Other IT services offered by this company include digital marketing, mobile app development, cloud computing, and IT support. They have a team of highly skilled and experienced IT professionals who can deliver quality solutions to meet the business needs of our clients.

## **5. Interrelationship between HCK course and corporate task**

- Herald College Kathmandu's Software Engineering and Web Development course equips students with the skills and knowledge needed to develop and support software systems and websites, which is a necessary task in many corporate settings. Similarly, network engineering and cybersecurity courses teach students the skills and knowledge needed to design, implement, and secure network systems, which is an important task in today's corporate environment. The college is also linked to some IT industry, and IT professionals pay regular visits to gain industry insights. This allows students to better their understanding current industry trends and needs and tailor their education accordingly.

## **6. Conclusion**

- To sum up everything that has been said, we encourage organizations to adopt computer science courses graduated from Herald College Kathmandu by understanding the business needs of companies as well as the skills and competencies of computer science course graduates. Their technical and applicable skills are best suited to support the company's future business goals and are more likely to have a significant impact on their role as a graduate program participant.

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