

UNIVERSITY PARTNER



Academic Skills and Team-based learning (4CIO18)

Report Writing

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Abstract

This report profiles a graduate of Herald College who also holds a bachelor's degree from the University of Wolverhampton in the United Kingdom. The goal of the course is to educate students about the profitable and in-demand field of cloud engineering, which includes topics such as cloud-based applications, artificial intelligence, and data processing. Herald College, located in Nepal, strives to provide education of a similar level to that of universities in the UK at a more affordable cost. The University of Wolverhampton, on the other hand, is a well-known institution with a wide range of programs and resources. The report also highlights the distinctions between Nepalese and international institutions, specifically in regards to the higher level of instruction, more efficient results, and more accurate evaluation methods offered by foreign institutions.

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1. Introduction

1.1 University Of Wolverhampton



The University of Wolverhampton is a public university in West Midlands, United Kingdom. It was established in 1851, and in 1992 it was given university status. The University is divided into four faculties: the Faculty of Arts, the Faculty of Business, the Faculty of Education, and the Faculty of Health and Wellbeing. In a number of disciplines, including the arts, business, education, health, and science. The university offers a wide selection of undergraduate and graduate programs.

The university has a reputation for placing a high priority on employability and collaborates with many corporations, government agencies, and nonprofit groups to give students access to real-world learning experiences and employment opportunities. The University of Wolverhampton is divided into four faculties, which are each made up of several schools and institutes. The University has a student body of 18,875 and offers a wide range of undergraduate and postgraduate courses, numbering over 380 in total.

1.2 Herald College Kathmandu (HCK)



Herald College Kathmandu (HCK) is United Kingdom affiliated college which offers affordable UK university education, including IT and Business Bachelor Degrees in partnership with the University of Wolverhampton. It provides flexible Bachelor Degrees in IT and Business through a direct partnership with the University of Wolverhampton in the UK, Herald College Kathmandu (HCK). These courses are made to give students a well-rounded education.

It encourages Students to expose new challenges through high-level learning and active participation in cutting-edge research projects. This results in graduates who are able to confront and resolve complex problems in the real world. Earning a professional degree at the University of Wolverhampton includes experiential learning opportunities such as projects, internships, and industry partnerships, which help to develop employability and entrepreneurship skills in students.

2. Introduction of esewa



Figure 1 ESEWA

eSewa is a payment gateway that was developed by F1Soft International, a software company that specializes in mobile and Internet banking solutions. It allows users to make online and offline payments to merchants, transfer funds to various banks and companies, and has been in operation since 2009. eSewa has received authorization as a payment service provider from Nepal Rastra Bank. It also enables users to transfer money to other Esewa accounts, bank accounts, and mobile wallets. In addition to these services, Esewa also offers a loyalty program that rewards users for making transactions on the platform.

2.1 **Goals and Objectives:**

- The goal of Esewa is to increase revenue through customer retention and expanding the brand's reach to potential customers in areas of Nepal with internet access.
- The company aims to improve efficiency by enhancing customer experiences and services, and increase awareness of its offerings.
- Esewa prioritizes providing safe and secure payment options to build trust and confidence in the platform among its customers.
- To raise awareness of the services offered by the business.

3. Local Universities of Nepal

3.1 Tribhuvan University



Figure 2 TRIBHUVAN UNIVERSITY

Tribhuvan University (TU) is a well-respected public institution located in the capital city of Nepal, Kathmandu. Founded in 1959, it is the oldest and largest university in the country, with affiliated colleges and institutes throughout Nepal. TU offers a diverse range of undergraduate and graduate programs in fields such as science, engineering, medicine, agriculture, humanities, and social sciences. The university is known for its high-quality teaching and research. The university's four councils serve as its primary decision-making bodies.

3.2 Pokhara University



Figure 3 POKHARA UNIVERISTY

Pokhara University (PU) is a public institution located in Pokhara, Nepal. Established in 1997, it is the second oldest university in the country and offers a variety of undergraduate and graduate programs in fields such as science, engineering, management, social sciences, and humanities. PU is known for its focus on research and partnerships with organizations and institutions both within Nepal and internationally. The university has a reputation for excellence in teaching and research, and is dedicated to providing its students with a high-quality education. To promote and advance education through superior higher education, good health, and volunteerism

3.3 Kathmandu University



Figure 4 KATHMANDU UNIVERSITY

Kathmandu University, located in Dhulikhel, Nepal, is a public higher education institution that was established in 1991, making it one of the oldest universities in Nepal. It offers a wide range of programs at the undergraduate, graduate, and postgraduate levels in fields such as engineering, medicine, science, management, and the humanities. The university has a strong focus on research, with top-notch faculty and students and research centers dedicated to areas such as renewable energy, disaster management, and biotechnology. KU has several international partnerships as well. The university is also dedicated to community service and outreach, implementing programs to improve the lives of people in the area and contribute to the development of Nepal. In summary, Kathmandu University is a reputable and competitive institution, being the first in Nepal to adopt semester system as well.

4. Comparison between Local university and Herald College Kathmandu

Herald College in Kathmandu is known for offering an internationally recognized UK degree. In contrast, degrees from local universities in Nepal are only widely recognized within the country and may not be as highly regarded internationally. The faculty and staff at Tribhuvan University have been engaged in teaching and research, and are working to improve their teaching through capacity building programs with other institutions around the world.

Herald College Kathmandu employs the British-style L-T-W (Lecture, Tutorial, Workshop) teaching method, which is unique and used globally. Students receive in-depth information about a subject through formal lectures, followed by discussions, practice exercises, and problem-solving activities related to the lecture material during tutorials. In workshops, students have the opportunity to apply their knowledge through hands-on activities, gaining practical experience and a deeper understanding of the subject. This teaching method is more efficient, enjoyable, and interesting than traditional methods. Some people believe that degrees from British universities are superior because they are internationally recognized and highly regarded in certain fields or industries. Qualified students at HCK may receive scholarships and the training they need to succeed. By paying locally for a top-quality UK degree while studying at HCK, you can get value for your money, unlike at local universities where this may not be the case.

At HCK, the focus is on the knowledge and skills that students have acquired, rather than just on test scores and grades. Students at HCK have many professional opportunities available to them, as well as opportunities for personal development and support from professors who have also graduated from the same institution. Education in hck Students may easily get US and UK visas, and doing so can change their lives.

5. Course Structure

5.1 In Herald College

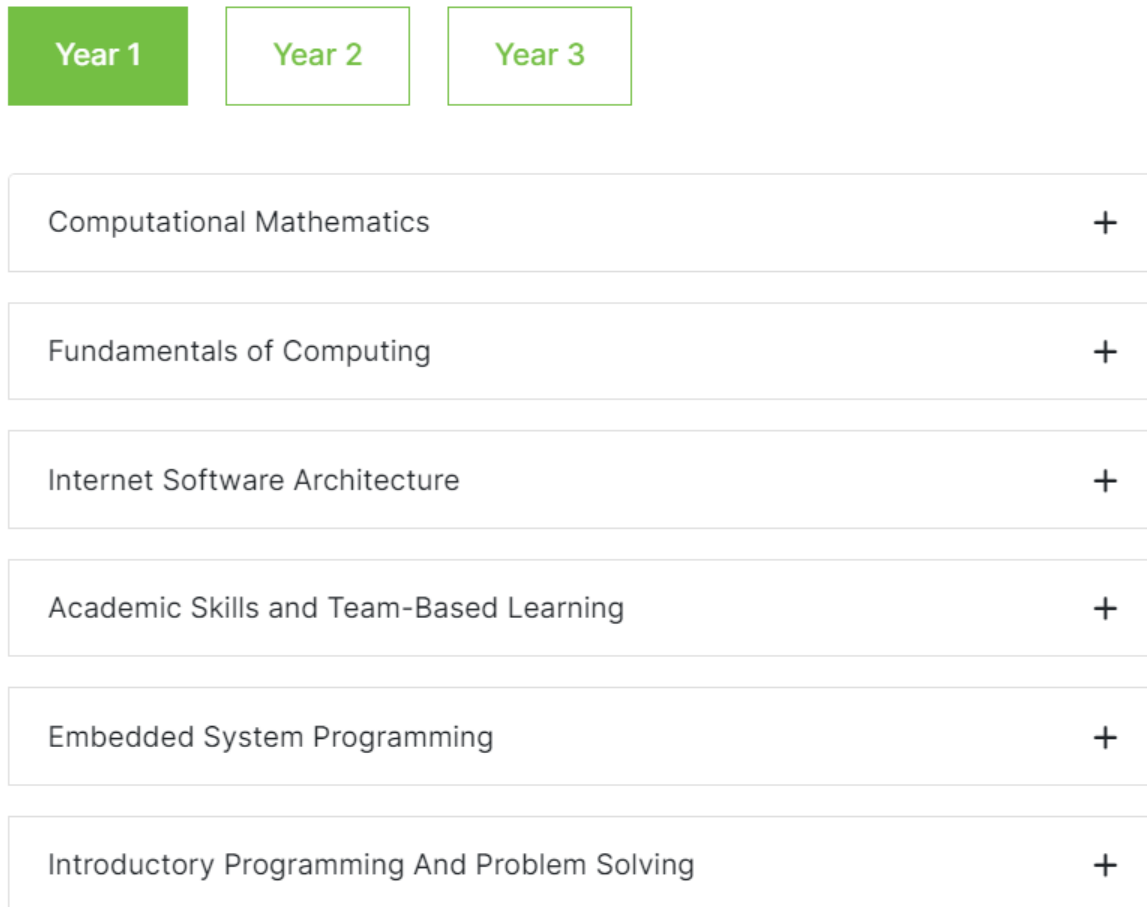


Figure 5 Year 1 Course Structure

(HCK,2023)

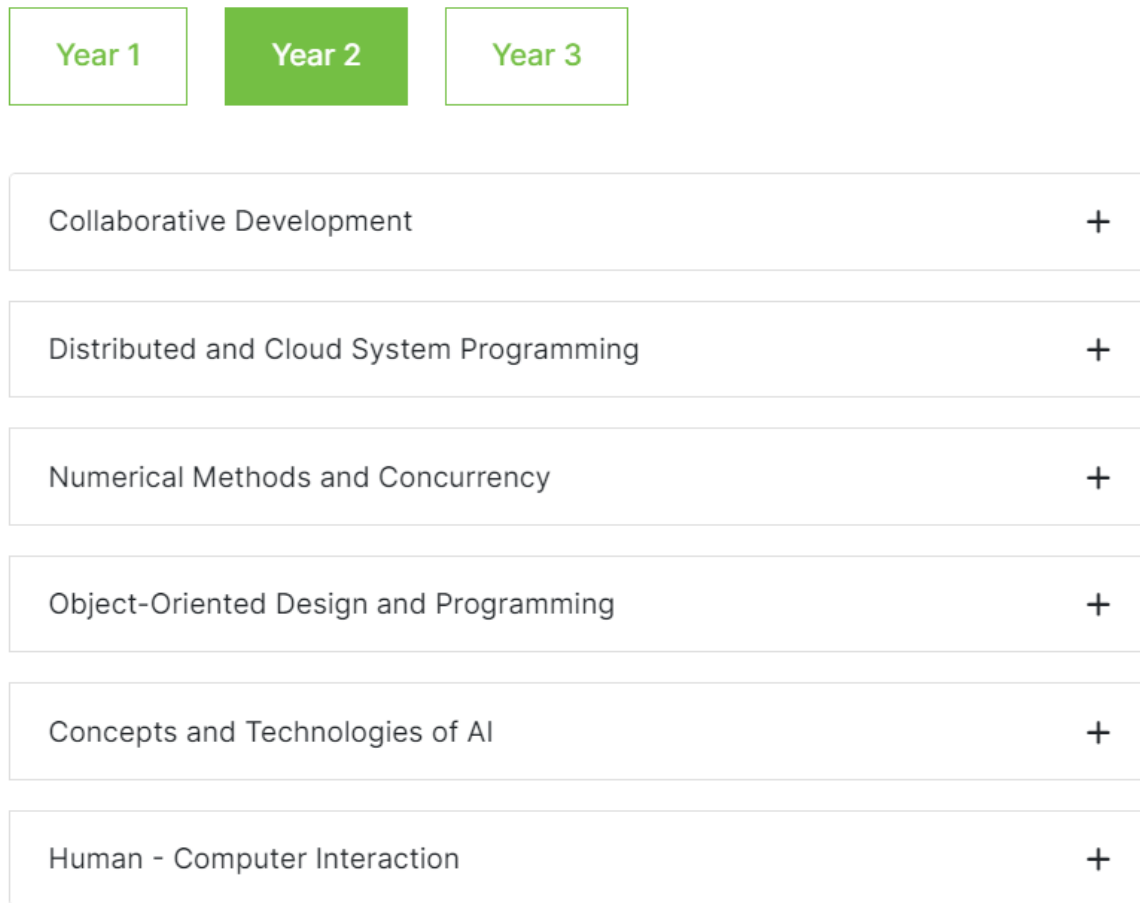


Figure 6 Year 2 Course Structure
(HCK,2023)

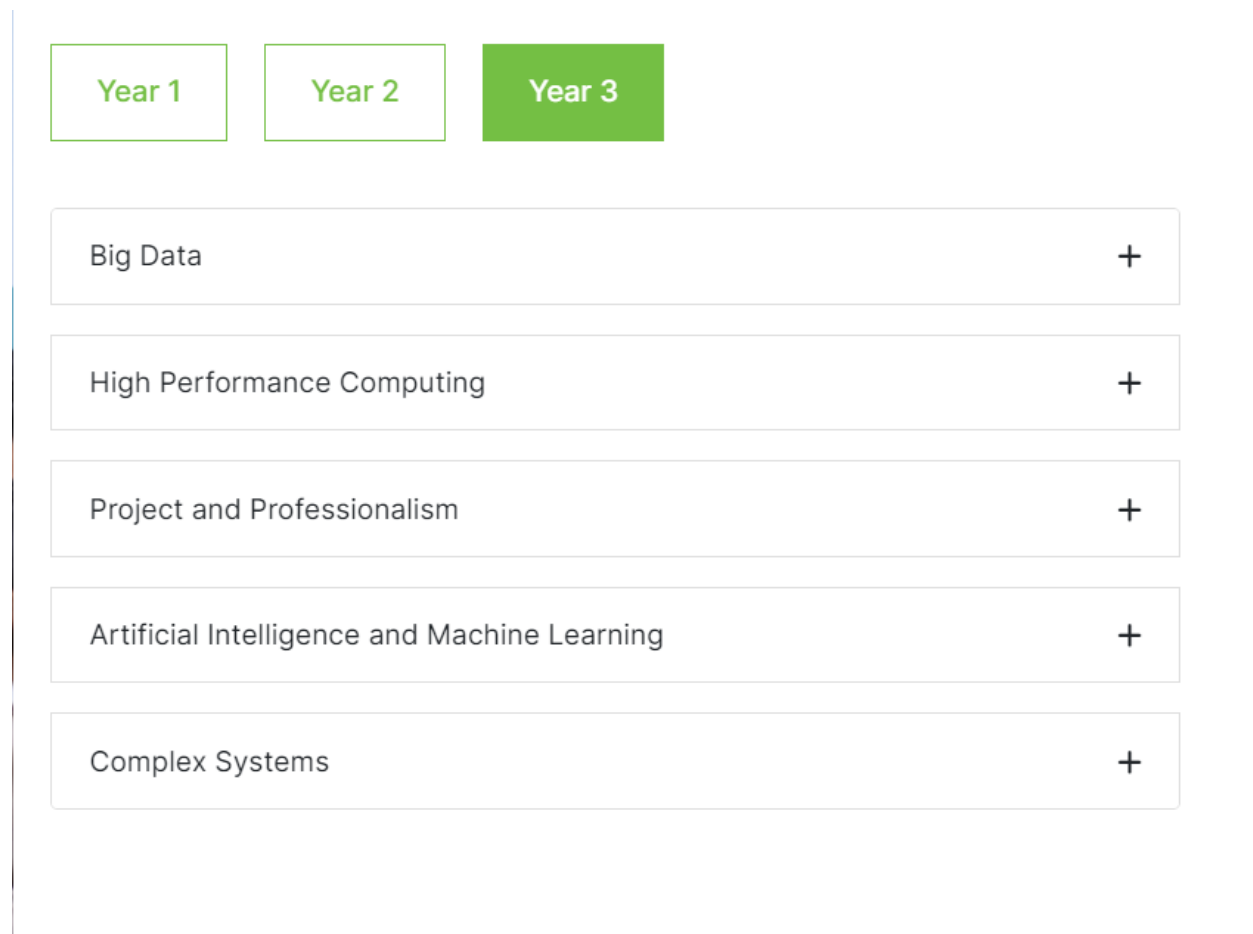


Figure 7 Year 3 Course Structure
(HCK,2023)

5.2 In Local University

First Semester

- CSC109: Introduction to Information Technology
CSC109 Introduction to Information Technology
- CSC110: C Programming
CSC110 C Programming
- CSC111: Digital Logic
CSC111 Digital Logic
- MTH112: Mathematics I
MTH112 Mathematics I
- PHY113: Physics
PHY113 Physics

Figure 8 TU 1 YEAR FITST SEMSTER

(Tribhuvan University,2023)

Second Semester

- CSC160: Discrete Structure
CSC160 Discrete Structures
- CSC161: Object Oriented Programming
CSC161 Object Oriented Programming
- CSC162: Microprocessor
CSC162 Microprocessor
- MTH163: Mathematics II
MTH163 Mathematics II
- STA164: Statistics I
STA164 Statistics I

Figure 9 TU 1 YEAR SECOND SEMSTER

(Tribhuvan University,2023)

Third Semester

- CSC206: Data Structure and Algorithm
CSC206 Data Structures and Algorithm
- CSC207: Numerical method
CSC207 Numerical Method
- CSC208: Computer Architecture
CSC208 Computer Architecture
- CSC209: Computer Graphics
CSC209 Computer Graphics
- STA210: Statistics II
STA210 Statistics II

Figure 10 TU 1 YEAR THIRD SEMSTER

(Tribhuvan University,2023)

Fourth Semester

- CSC257: theory of computation
CSC257 Theory of Computation
- CSC258: Computer Networks
CSC258 Computer Networks
- CSC259: Operating System
CSC259 Operating Systems
- CSC260: Database Mangament System
CSC260 Database Management Systems
- CSC261: Artificial Intelligence
CSC261 Artificial Intelligence

Figure 11 TU 1 YEAR FOURTH SEMSTER

(Tribhuvan University,2023)

Fifth Semester

- CSC314: Design and Analysis of Algorithm
CSC314 Design and Analysis of Algorithm
- CSC315: System Analysis and Design
CSC315 System Analysis and Design
- CSC316: Cryptography
CSC316 Cryptography
- CSC317: Simulation and Modeling
CSC317 Simulation and Modelling
- CSC318: Web Techonology
CSC318 Web Technologies

Figure 12 TU 1 YEAR FIFTH SEMSTER

(Tribhuvan University,2023)

Sixth Semester

- CSC364: Software Engineering
CSC364 Software Engineering
- CSC365: Computer Design and Construction
CSC365 Compiler Design and Constrction
- CSC366: E-Governance
CSC366 E-Govenance
- CSC367: NET Centric Computing
CSC367 NET Centric Computing
- CSC368: Technical Writing
CSC368 Technical Writing

Figure 13 TU 1 YEAR SIXTH SEMESTER

(Tribhuvan University,2023)

Seventh Semester

- CSC409: Advanced Java programing
CSC409 Advanced Java programing
- CSC410: Data Warehousing and Data Mining
CSC410 Data Warehousing and Data Mining
- MGT411: Principles of Management
MGT411 Principles of Management
- CSC412: Project Work
CSC412 Project Work

Figure 14 TU 1 YEAR SEVENTH SEMESTER

(Tribhuvan University,2023)

Eighth Semester

- CSC461: Advanced Database
CSC461 Advanced Database
- CSC462: Internship
CSC462 Internship

*Figure 15 TU 1 YEAR EIGHT SEMESTER
(Tribhuvan University,2023)*

- : Elective I

Choose Any One:

CSC319 Multimedia Computing

CSC320 Wireless Networking

CSC321 Image Processing

CSC322 Knowledge Management

CSC323 Society and Ethics in Information Technology

CSC324 Microprocessor Based Design

*Figure 16 TU ELECTIVE 1
(Tribhuvan University,2023)*

- : Elective II

Choose Any One:

CSC369 Applied Logic

CSC370 E-Commerce

CSC371 Automation and Robotics

CSC372 Neural Networks

CSC373 Computer Hardware Design

CSC3474 Cognitive Science

Figure 17 TU ELECTIVE 2

(Tribhuvan University,2023)

- : Elective III

Choose Any One:

CSC414 Database Administration

CSC415 Software Project Management

CSC416 Network Security

CSC413 Information Retrieval

CSC417 Digital System Design

MGT418 International Marketing

Figure 18 TU ELECTIVE 3

(Tribhuvan University,2023)

- : Elective IV

Choose Any Two:

CSC463 Advanced Networking with IPv6

CSC464 Distributed Networking

CSC465 Game Technology

CSC466 Distributed and Object Oriented Database

CSC467 Introduction to Cloud Computing

CSC468 Geographical Information System

CSC469 Decision Support System and Expert-System

CSC470 Mobile Application Development

CSC471 Real Time Systems

CSC472 Network and System Administration

CSC473 Embedded Systems Programming

MGT474 International Business Management

Figure 19 TU ELECTIVE 4

(Tribhuvan University,2023)

6. Overview of the company

Website name: www.esewa.com.np

Company address: Lalchan Plaza, 8th Floor Hattisar, Kathmandu, Nepal

Contact number: 01-5970121

E-mail address: csd@esewa.com.np

Current Client: Twenty-five thousand customers with sixty-five per cent active customers (Maharjan, 2011).

6.1 Mission

Their goal is to be at the forefront of the online payment industry by offering secure, cohesive, and all-inclusive payment processing services to businesses, non-profit organizations, and payment solutions by utilizing the most advanced technologies available

6.2 Vision

The company aims to expand its presence to all payment sectors, to achieve its mission and push the nation towards a cashless economy and become the top choice and most widely-used online payment service provider in the country (eSewa, 2020)

Value proposition: The main purpose of eSewa to do marketing is to provide value to the customer.

- **Real-time gross settlement:** This method allows for the instant transfer of funds without any delays. It reduces the risk of high-value payment settlements between financial institutions (BankBazaar, 2019) (Investopedia, 2019)
- **Convenience:** eSewa has dedicated to enhancing the customer's experience through offering services that are easy to use such as receiving notifications for offers, checking account status, free bank withdrawal and scanning to send money. (Muskan, 2019)

7. Company Hiring Process

The hiring process for a company involves creating a job listing and posting it on various platforms like company websites, job boards, LinkedIn, Glassdoor, and other recruitment websites. After that, the employer reviews resumes and cover letters from applicants to identify those who meet the qualifications for the role. They conduct initial interviews with qualified candidates, either over the phone or in person, and may be conducted by a human resources representative, hiring manager or the team the candidate will be working with.

Before extending a job offer, the employer may conduct a background check on the candidate to verify their work history, education and criminal history. The company may also reach out to the candidate's references to gather more information about their qualifications and work experience. If the candidate is successful in completing all of the steps in the hiring process, the employer may extend them a job offer. Once the candidate accepts the offer, the employer will begin the process of onboarding the new employee which includes paperwork, training and orientation.

8. Conclusion

Employers may choose to hire Herald graduates for a number of reasons. Some of the most common reasons include Herald College Kathmandu has a reputation for being one of the top College in the Nepal. Employers may assume that students who graduate from Herald have received a high-quality education and have the skills and knowledge necessary to excel in their field. Herald has a large and powerful alumni network. Employers may assume that students who graduate from Herald will have connections to other successful people and organizations that could be valuable for their business. Herald is known for being highly selective in its admissions process. Employers may assume that students who graduated from Herald are highly motivated, intelligent, and capable of achieving success.

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