



IN ACADEMIC PARTNERSHIP WITH



Start with Sunway.





Welcome to Sunway College

On Cover Student
Anmol Lama

Students in above frame (L-R)
Swostika Khanal, Prabil Shrestha, Sritina Rajaure,
Aman Maharjan, Shubhechchha Karmacharya



Hey, We've been looking for YOU!

Before we answer the why question, take this words tour to know who we are.

We are those who understand the importance of aligning your passion to your profession. It will help you to identify with your areas of strength, weakness, opportunity and threat, a SWOT and also guide you towards the right job at the end through placement day.

Now, putting our professional suit on, since its establishment in the year 2010, with over 12 years of history, Sunway college has been providing academic excellence to produce highly skilled human resources of IT and business-oriented degrees. We are dedicated to mint both academic and professional standards of our students, the Sunwayians.

With above 90% placement of alumni actively working in government sectors, private institutes, entrepreneurship and in the international market. With that being said, we are introducing Artificial Intelligence and Data Science with a bigger vision to cater the global demand that enables us to build the top 10% skilled-manpower of the future.

Working with various international universities has given us a peak on their education system and that has inspired us to make our own system better. Today, we are academically partnered with Birmingham City University (BCU), UK.

A curious mind with 21st century skills and a zest of a learner is someone who we have been looking for. If you know you are the one, Start With Sunway.

Summary of this Journey

Introduction

- Welcome to Sunway College
- Why Sunway College
- Birmingham City University
- Message from Chairman
- Message from Campus Chief

Life at Sunway College

Programs Offered

- BSc(Hons)
Computer Science
and Artificial Intelligence
- Non Credit Courses

Expert Opinion

Sunway Students Representative Council

- Upskilling for Starters
- Our Studio

Success Stories

Gallery

Our Alliances



Students in frame (L-R)
Front - Priti Gurung, Keshab Shrestha
Back - Sital Pangen, Anmol Lama,



Why Sunway College ?

Since its establishment in the year 2010, Sunway College has been providing academic excellence to produce highly skilled human resources. We are dedicated to mint academic and professional standards in our students who will become a believer in change, socially responsible, and innovative after the completion of the course.

Teaching Approach

We adopt an internationally recognized L-T-W (Lecture, Tutorial, and Workshop) teaching approach which focuses on the practicality and applicability of learning to develop creativity and problem-solving skills within the students. Through a holistic approach, our academic program is designed to assist students in integrating their knowledge into real-world circumstances.

Affordability

Sunway College provides students with a range of scholarship programs in addition to reasonable tuition rates to support students financially. Sunway also awards scholarships based on student athletic abilities and talents.

In academic partnership with BCU



BIRMINGHAM CITY
University

Welcome to Birmingham City University, one of the largest Universities in the United Kingdom that attracts students from all backgrounds from across the region, the country, and the rest of the world. With 25,000 students from 80 countries, Birmingham City University is a university with an international outlook.

The University also works in partnership with other higher education institutions and organizations not only in the United Kingdom but in countries around the world. These partnerships provide opportunities for students to study at a center local to them on a course that leads to an award from the University. BCU puts students at the heart of everything they do, giving them the best opportunities for future success.



University Ranking



UK



World

#64	#83	The Good University Guide	The Times - September 2021
#52	#67	The Guardian The Best UK Universities - League Table	- September 2021
#74	#89	CUG The Complete University Guide - UK	- June 2022
#48	#501	THE World University Rankings - Times Higher Education	- September 2021
#65	#1001	QS World University Rankings	- June 2022
#86	# 521	Scimago Institutions Rankings Universities	- April 2021
#65	# 1730	URAP World Ranking - University Ranking by Academic Performance	- December 2021
#65	# 1730	StuDocu World University Ranking EMEA-Europe, the Middle East and Africa	- September 2021
#74	# 1262	Webometrics Ranking Web of Universities	- January 2022
#68	# 859	The China Subject Ratings Overall	- May 2022





Message from our Chairman

The education sector could not be left unaffected by the current wave of modernization and digitization. In keeping with this philosophy, we have introduced one of the leading edge and entrepreneurship-focused "Birmingham City University" to Nepal, to serve students seeking an affordable international education.

I'm confident that the academic collaboration with Birmingham City University will benefit local students, employers, and the community as a whole. Our current focus is on awarding undergraduate degrees to students, but we intend to expand to other programs as needed in the future to meet demand. The academic partnership with "Birmingham City University" will soon offer more doors for opportunities to support additional programs.

Shortening the gap and inheriting skills to be future-ready requires growth in both mindset and knowledge. Through a holistic approach, we provide support to the students for their overall development and uphold the environment that tends to their physical, emotional, and social well-being. Sunway College also offers industrial training to get students ready for the industry and to create a skilled workforce.

I urge all future graduate and undergraduate students, along with their parents, to think about Sunway College as a high-quality, well-known, and affordable education institution.

Mr. Bigyan Shrestha

CHAIRMAN



Message from our Academic Director

In the past few decades, we have seen significant advancements in the usage of social media platforms which have fundamentally altered customer behavior and patterns. This has all been possible due to the current wave of globalization and digitalization and can be marked as the beginning of the digital era. The most striking outcome of the digital revolution is the amount of data that is now collected and analyzed leading to an information explosion and the creation of more and more data-driven platforms.

For a country like Nepal, Artificial Intelligence and Data Science can be a fantastic field to start a career where interest in business is growing and information technology is on the rise. So, to provide a head start to the students, Sunway College in academic partnership with “Birmingham City University” and in collaboration of Nepalese and Foreign universities is providing programs to develop highly competitive human capital, be abreast with modern technologies and be socially responsible towards the community. The limitless scope and vast reach of these programs enable students to guarantee their futures globally.

Since its Establishment in 2010, Sunway College has been successful in providing the community with a quality, qualified, and responsible workforce that is resolving issues in the real world and making significant economic contributions in the process.

This academic collaboration is a perfect match between an institution based in Nepal with a global vision and an institution based in the UK with an international outlook and exposure.

Mr. Pramod Poudel

ACADEMIC DIRECTOR

Life at Sunway College

Academic Advisory Unit

In addition to regular teachers, we assign a personal academic advisor to assist in the student's academic journey and monitor every academic progress.

The dedicated student service department aids in every requirement of the student throughout their scholastic career.

Extra Curricular Activities

Keeping students' physical and mental health a priority, we have incorporated extracurricular activities such as Futsal and Badminton into our program. Sunway's wide range of indoor and outdoor activities aid students with the development of skills related to time management, teamwork, and leadership.

Students also get the opportunity to participate in programs conducted by other organizations which provide wider exposure contributing, to a better network, improvement of self-esteem, cooperation and collaboration, and academics.



Aastha Lamsal

Operation Manager
Sunway College



Manish Maharjan

ECA Coordinator
Sunway College



Students in frame L - R
Reshma Oli , Bibek Kumar Shah / Sunil Kumar Singh



Health and Career Counseling

A healthy mind is a must in today's stressful and highly competitive environment.

Sunway College has a counseling department with experienced counselors who are always willing to meet with students and provide the required assistance.

Professional Placement

Sunway encourages students to acquire diverse practical knowledge in addition to theoretical information to develop an "earn while you learn" mindset amongst students. The students can get real-world experience and industry expertise throughout their period of 9-month placement and increase their exposure and personal brand value in the market.

After graduation, Sunway College offers a platform for placing students at prestigious organizations through academic-industry partnerships. We act as a conduit for information between employers looking to hire students and the student's interests. Moreover, we provide required and relevant training for placement support allowing students to compete globally.



Sreani Khatiwada

Counselor
Sunway College



Diwas Pradhan

Training and Placement
Coordinator
Sunway College

Enrol Today
with up-to
100%
Scholarship



In frame -
Nisha Gautam
Business Development / Admission Manager

BSc(Hons) Computer Science and Artificial Intelligence

Entry Requirements

- Students must complete grade 12 exam conducted by National Exam Board (NEB) or equivalent with an aggregate score $\geq 65\%$ or 3.0 GPA
- For A-Levels, a minimum of 3.0 credits with at least a grade of D and above
- Students must have compulsory mathematics in grade 10 (score $\geq 50\%$ or C+)
- Applicants must demonstrate their English proficiency with the BCU recognised English Tests: IELTS/TOEFL/PTE/ELLTS/GETS –6.0 overall with 5.5 minimum in all bands

Career Opportunities

- Software Engineer
- Computer Programmer
- Java Developer
- Python Programmer
- Computer Scientist
- Machine Learning Engineer
- Machine Learning Scientist
- Artificial Intelligence Engineer
- Artificial Intelligence Developer
- Backend Developer
- Machine Learning Operations
- Engineer

You can work in almost any industry, from anywhere working in the field of Artificial Intelligence or Software Engineering.

Enhancing your employability skills

You will learn a range of skills which will be key to enhancing your future employability. Specifically, you will learn to:

- Develop software solutions to real world problems.
- Use a range of modern techniques to engineer software products.
- Understand the role, and techniques and application of artificial intelligence in the modern software systems and their societal impact.
- Implement the deployment pipeline of artificial intelligence and machine learning based software system.
- Work independently and collaboratively.
- Be a self-motivated, organised, effective learner.
- Communicate your work effectively via both oral and written communication skills.

Professional practice guidance will teach you a range of skills such as writing CVs and job applications, and preparing for interviews; the use of social media and other platforms for self-promotion, presenting yourself and your work in a professional framework using a range of appropriate communication skills, such various types of presentation software will also be practised.

Programme Overview

This is an updated version of BSc(Hons) Computer and Data Science course that was offered till March 2023 intake. BSc Computer Science with Artificial Intelligence embodies the academic and industrial understanding that artificial intelligence is a highly demanded specialisation of computer science, and therefore practitioners of artificial intelligence must have a strong and solid foundation in computer science.

LEVEL FOUR

The first year equips you with a solid foundation in key topics in Computer Science and introduces artificial intelligence. Therefore, the first year shares five of its six modules with BSc (Hons) Computer Science and covers key concepts, such as computer programming, algorithms and data structures, computer systems, website development and introductory artificial intelligence, and nurtures your creativity with an innovation project. Your practice is supported by presentations, seminar discussions of key topics and ideas, and collaborative practices with other students in the school or faculty. After the first year, you will have covered a broad range of topics in Computer Science that will up-skill you to understand the key industrial skills and prepare you to take advanced topics in the subsequent years.

LEVEL FIVE

The second year consolidates your learning with four computer science modules and two artificial intelligence specific modules. The computer science curriculum includes highly sought-after skills in cyber security, software design, object-oriented programming, databases, and web application development. The topics on artificial intelligence are machine learning, and machine learning operations. These topics are highly practical and underpin the roles of Software Developers, Computer Programmers and Machine Learning Engineers in industry. The Level 5 consists of a dedicated professional placement in Year 3 that helps you get hands-on industry experience working in the field.

LEVEL SIX

The final year covers the advanced topics in practice of artificial intelligence and covers the key application areas. These include Deep Learning, the technology behind the mass adoption of artificial intelligence in industry and its applications in computer vision and natural language processing. This year also teaches key enabling technology powering scalable computing in industry. Your learning culminates into an Individual Honours Project where you display your learning by developing a well-rounded, professionally developed, artificial intelligence driven software solution for a problem of modern relevance. The final year readies you for a graduate level job in the computing, artificial intelligence, and data science industry.



Student in frame
Sital Pangeni

BSc (Hons) Computer Science and Artificial Intelligence

COURSE STRUCTURE

YEAR 1

Module Name	Credit Value
Computer Systems	20
Website Design and Development	20
Data Structures and Algorithms	20
Innovation Project	20
Computer Programming	20
Introduction to Artificial Intelligence	20

YEAR 2

Module Name	Credit Value
Object Oriented Programming	20
Database and Web Application Development	20
Artificial Intelligence and Machine Learning	20
Cyber Security	20
Software Design	20
Data Management and Machine Learning Operations	20

YEAR 3

Module Name	Credit Value
Professional Placement Year	120

A student must successfully complete the placement module in order to gain industry knowledge and qualify for the award of BSc (Hons) in Artificial Intelligence with Professional Placement Year.

YEAR 4

Module Name	Credit Value
Deep Neural Networks and Ethics	20
Modern Data Stores and Data Protection	20
Natural Language Processing	20
Cloud Computing	20
Individual Honours Project	40

Non Credit Courses

• Business Analytics & Data	• Pinterest for Business
• IoT	• Python
• Warehousing	• Personal Branding
• 3D Modeling	• U/UX Designing using Figma
• Switching to Linux Environment	• Digital Campaign development
• SEO	• Flutter/Android
• Tableau	• SMM Training
• Leadership Trainings	• Graphics & Video Editing
• Automation	• Website Development using WordPress



Placement Partners



Our Graduates are at:

• Asteroid Venture (AV)	• Kiran Shoes Manufacturers (Goldstar Shoes)
• Bank of Kathmandu	• Machhapuchhre Bank Limited
• BISage Pvt. Ltd.	• Manjushree Finance Limited.
• Cedar Gate Technologies	• mBank Technology PVT. LTD
• CenTech Nepal Pvt.Ltd	• Mega Bank Nepal Limited
• Citedel Infotech	• Nakshatra Digital Pvt. Ltd.
• Civil Bank Limited	• Nepal Stock Exchange Limited
• Classic Tech	• Paracosma
• Cloud Factory	• Percoid IT Solutions
• Cotiviti Nepal	• Phect Nepal - Kirtipur Hospital
• Daraz	• Prologic Solutions Pvt. Ltd.
• Digipal Solutions	• Proshore
• Digital Shikhar Pvt. Ltd	• RaraSoft
• EKBana	• Shree Airlines
• F1 soft International	• Siddhartha Business Group of Hospitality
• F1Soft Group (Darshantech Pvt. Ltd.)	• Subisu Cablenet Pvt. Ltd.
• Fusemachines	• Sunrise Bank Limited
• Genese Solution	• Syakar Trading Company
• Global Education Counselling Centre	• TechKraft Inc.
• Global IME Bank Ltd.	• Thakral One
• Grepsr	• Time Pharmaceuticals
• HLE Nepal	• University of Chester, UK
• IHS Automation and Security	• Verisk Nepal
• Introcept	• Wizonbiz Digital

Expert Opinion



It is very commendable of Sunway College to bring in a specialisation degree in Computer Science and Artificial Intelligence in academic partnership with Birmingham City University which is one of the best universities in the UK.

Artificial Intelligence and data science are can help any organization unfold the hidden insights of data which could be crucial for decision making and forecasting. So, I welcome all the students at Sunway to acquire practical skills in data science and artificial intelligence so that they can have a competitive edge in the technology industry.

Rupak Koirala

Senior Lecturer and
Course Coordinator
BSc(Hons) Computer Science
and Artificial Intelligence



**Start with
Sunway**

Stepping out
of your Comfort zone

Freshers party:
Creating unbreakable bonds,
events, and opportunities

Awkward
First
Impressions

Internship:
Professional
Placement
Year



Tour:
Creating Priceless
Memories

Final
Assessment
and Deadlines

Graduation Ceremony:
Happiness and Nostalgia,
Happy to have you here



Placement and Success:
**Best wishes
for the Future**

**Making
a difference
every day** 😊



Meeting
Assignments
Deadlines,
and Exam
Preparations





Student in frame-
Shubhechha Karmacharya

Students in frame (L-R)
Sunil Kumar Singh , Reshma Oli



Swostika Khnal, Anusha Adhikari,
Bran B.K., Bipin Nagarkoti



Sameer Bikram Lamsal



SSRC

Sunway Student
Representative Council

Sunway College Student Representative Council (SSRC)

Sunway College Student Representative Council" is the official student body to represent the voices of Sunway College and bridge between students, administration, and faculty members on issues affecting students' welfare. Additionally, the SSRC contributes to Event Management, skill development, and innovation in students, and forms a community where every student is free to express their thoughts and concerns.

The Student Council operates according to legislative norms. The student body president presents ideas, gathers votes, and then approves them. Moreover, the student council supports social causes, organizational collaboration, social collaboration, and the acquisition of outside funds. The members of the council are responsible for acting as the representatives of their respective cohorts and work alongside the university when needed.

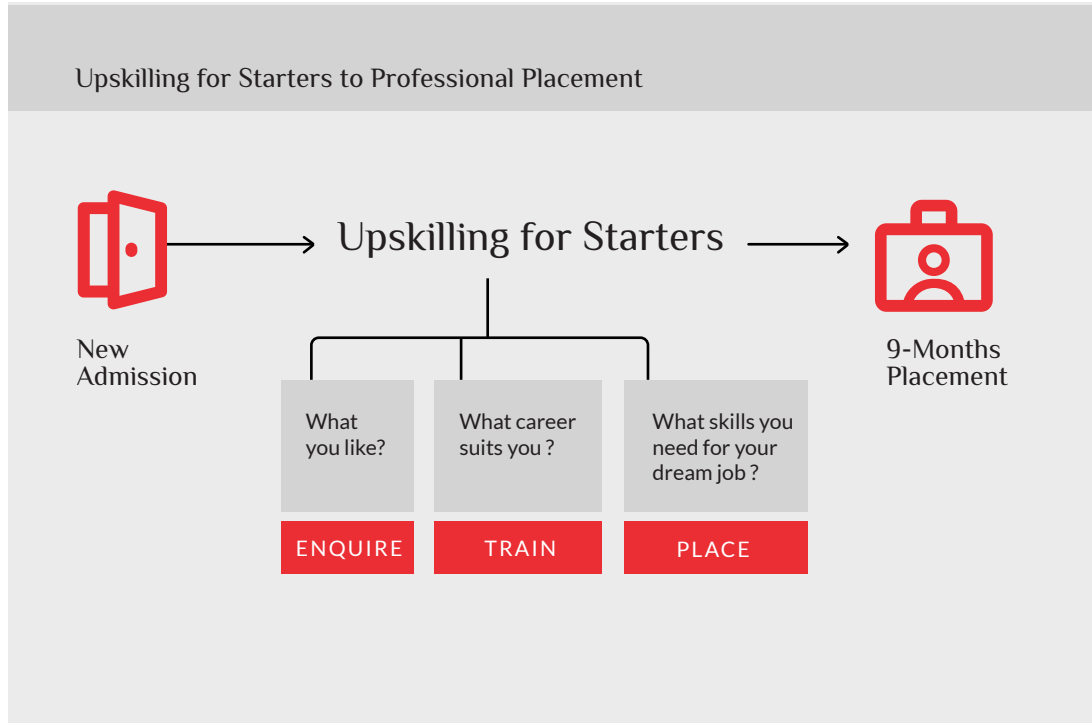
Upskilling for Starters

“ The best study in life is the study of self. ”

Sunway emphasizes personal development and research as an integral part of education in addition to the course content. Shorting the gap and inheriting skills to be future-ready requires growth in both mindset and knowledge construction.

A specific plan is followed throughout their academic careers to make the students globally ready. We assist each individual in clearing their mindset through personal identification, proper goals, and future-self image visualization.

Sunway Academic advisors help students understand the company's needs and positions so that they can inherit the necessary skills.





Our Studio

An environment plays a major role in shaping the mindset during learning. The quicker students are exposed to a professional environment, the quicker they can adjust with the industry standards.

With this in mind, Sunway has created a dedicated studio for videography, photography and other cinematographic purposes. The idea is to give push to the start of the student's journey. We cater to the students and staff's passion and believe that we need to act as we preach. 'The Sunway Show', 'Insight A Podcast', and 'College to Corporate' are a few podcasts that have started and are recorded at Sunway Studio.

Moreover, the contents for social startups like Bhakundoo, Rojgari in Khadi and others are also recorded at the Sunway Studio itself. Sunway provides enough infrastructure and technical support along with mentorship to make them industry ready.



Success Stories



I graduated from Sunway itself in BCS (Hons). During my final year, I joined Sunway as an Admission Counsellor and then as a Junior Teaching Assistant helping students with scaffolding activities and their practicals.

I have organised various events throughout my student life that have helped me increase my leadership skills along with my capabilities of working in a team. After my graduation, I am working as a NodeJs Developer at EKbana Solutions and also working part time with Sunway as a Teaching Assistant assisting the lecturers. I look forward to welcoming students and being part of your journey in assisting them with their studies throughout their Bachelors degree.

Bibek Gautam

Sunway Alumni /
Teaching Assistant (Sunway College) /
NodeJs Developer, EKbana





I am currently in my second year of BCS (Hons) and have been leading the SSRC in the capacity of President.

We have around 24 members from all semesters of the BCS (Hons) programme elected to represent all the students and we work towards fostering leadership amongst students. We organise various events and workshops at Sunway such as Sports Week, Halloween, Technical and Skill related workshops. We have collaborated with Hult Prize, Rotaract Club of Budhanilkantha, Brainycube Research Organization, Women in Big Data, AIESEC Nepal, Model United Nations and so on.

I have gained real-life knowledge on how to give back to the community, pursue my passion, bring resolutions for change, raise awareness for a cause, and serve as a voice for the underrepresented. I look forward to welcoming students and being part of your journey in building essential skills throughout your Bachelors degree with a lot of fun elements added every now and then.

Udit Kumar Mahato

BCS September 2020 Intake
President,
Sunway Student Representative Council





Sunway has been a START to my fulfilling career and has brought a positive change to my attitude and mindset, making a better version of myself.

I am currently the final year student and have successfully enjoyed and participated in club activities where I also acted as President for my last tenure. Along with the inter and intra college activities, I am wholesome with the support and guidance provided by the wellbeing department & academic team during COVID. Sunway has been a START to my career.

Along with the improved academics, advancement to my ambivert nature I had an opportunity to enroll for the placement provided by Sunway College. The placement was wholly handled by Sunway itself and was tracked closely by college and company. This helped me not only find a job but actually match my career to my persona. And this gave birth to Rojgari in Khadi, my own initiative in solving the gap regarding the vacancies in Gulf countries for Nepalese.

Reshma Oli

BCS Alumni
Marketing Officer, Sunway College





I am a BCS (Hons.) graduate from Sunway College itself and was working as a Teaching Assistant at Sunway.

It has been quite a learning journey at Sunway which has helped me improve my interpersonal skills, technical skills and up-to-date programming languages. I am currently pursuing my Masters in Computer Science at Maharishi International University, Iowa, USA. Sunway has supported me with lots of opportunities to grow as an individual and as a team and I am thankful to the Sunway Family.

Navraj Khanal

BCS Alumni





Friends who
became Family





Stepping
out of
your
comfort
zone





Creating Unbreakable bonds,
Events and Opportunities





Graduation Ceremony



Halloween
-
Otaku Jatra



Our Alliances



JOINT VENTURES



• Start with Sunway! •



Students in frame (L-R)
Yangchen Lhamo Gurung , Rushna Shrestha , Sunil Kumar Singh



IN ACADEMIC PARTNERSHIP WITH



Start with Sunway.



CONTACT

Sunway International Business School
Maitidevi (Behind Maitidevi temple),
Kathmandu, Nepal

01-4423736, 4431725 / 9823047066
info@sunway.edu.np

Scan to Connect



SUNWAY COLLEGE PROSPECTUS 2023/24

The contents are correct as of 2023/24 and changes may occur without prior notice.
For most updated information, please visit our website or contact College Administration

www.sunway.edu.np