

RISE WITH THE BEST

BES



# Bachelor of COMPUTER SCIENCE

Bachelor of  
Computer Science (Honours) with  
**ARTIFICIAL INTELLIGENCE**

Bachelor of  
Computer Science (Honours) with  
**DATA SCIENCE**

Bachelor of  
Computer Science (Honours) with  
**CYBER SECURITY**

Bachelor of  
Computer Science (Honours) with  
**MOBILE COMPUTING**



QS WORLD UNIVERSITY RANKINGS 2026

**TOP #253**  
IN THE WORLD

**TOP 30**  
IN ASIA

**TOP 1%**  
GLOBALLY

**WORLD #201-250**  
COMPUTER SCIENCE & INFORMATION SYSTEMS

# IIMS 2.0

## A NEW ERA OF LEARNING AND LEADERSHIP

### A NEW SPACE FOR NEW POSSIBILITIES

Our purpose-built, modern campus is designed to foster next-generation learning and collaboration, equipping students with the tools to succeed in an ever-changing world.



### INDUSTRY-INTEGRATED EDUCATION

With real-world projects, internships, and industry partnerships, our curriculum connects academic knowledge to industry expectations, ensuring students are job-ready from day one.

### FUTURE-READY, TODAY

State-of-the-art facilities and innovative teaching methods prepare students for the rapidly evolving future of work, ensuring they stay ahead of the curve.



### GLOBAL PARTNERSHIPS, LOCAL EXCELLENCE

We offer globally recognized programs powered by partnerships with world-ranked universities, blending international standards with local expertise.



IIMS College (International Institute of Management Sciences), established in 2010, is committed to delivering quality education aligned with global standards. Affiliated with Taylor's University, the college offers internationally recognized undergraduate and postgraduate programs that combine academic excellence with practical, industry-focused learning.

IIMS 2.0 represents the next stage of the college's growth—focused on innovation, digital transformation, industry integration, and an enhanced student experience. With a stronger emphasis on future-ready skills and global relevance, IIMS aims to prepare graduates to succeed in a rapidly evolving world.

## WHERE LEARNING MEETS LIFESTYLE

Our campus provides more than just classrooms—on-campus cafes, open gardens & creative spaces foster a balanced, productive environment for both work and relaxation.



## REAL-WORLD LEARNING STARTS HERE

Embedded entrepreneurship labs and practical studios turn ideas into ventures, giving students the opportunity to develop and launch real-world projects.

## ENERGY OF A CAMPUS THAT THINKS FORWARD

Designed to fuel ambition, our campus encourages students to explore, innovate & shape the future with a forward-thinking approach to education.



## DESIGNED TO DEVELOP FUTURE LEADERS

Our programs are aligned with industry expectations and leadership outcomes, ensuring that students graduate as confident, capable leaders ready to drive change.

**10.5** ROPANIS OF LAND

**100K+** SQUARE FEET BUILDING AREA



## VISION :

To emerge as a future-ready global institution that delivers competitive, quality education, nurtures innovation and leadership, and transforms lives to create meaningful impact across all levels of human endeavor.

## MISSION :

To nurture ethical, competent, and future-ready professionals by delivering innovative, industry-integrated education that develops integrity, leadership, critical thinking, and collaborative skills—empowering graduates to succeed personally and professionally while contributing meaningfully to a dynamic global community.



IN ACADEMIC COLLABORATION WITH



**TAYLOR'S  
UNIVERSITY**

Wisdom • Integrity • Excellence

## A GLOBAL ACADEMIC POWERHOUSE- NOW AT IIMS

*As IIMS enters the era of IIMS 2.0, we proudly align with Taylor's University, Malaysia – a name synonymous with excellence, innovation, and global employability. Recognized as one of Asia's top universities, Taylor's is known for producing future-ready graduates through its cutting-edge curriculum, industry collaborations, and international learning pathways.*

Taylor's University nurtures its students in the three aspects of intelligence: intellect, practical wisdom, and craft through its Taylor'sphere ecosystem of flexible curriculum, innovative pedagogy, multidisciplinary projects, impact-based research, as well as networks with peers and alumni.

# ACHIEVEMENTS

OUR AWARDS VALIDATE OUR WORLD-CLASS  
GRADUATES, STANDARDS & FACILITIES

WORLD  
**TOP 1%**

UNIVERSITIES  
#253



2026

TOP **30**

IN ASIA



ASIA 2026

**NO. 1**

PRIVATE UNIVERSITY  
IN SOUTHEAST ASIA  
6 YEARS IN A ROW



2026

WORLD  
**TOP 20**

FOR GRADUATE  
EMPLOYABILITY RATE



GRADUATE EMPLOYABILITY RANKINGS 2022

UNIVERSITY	QS RANK 2025	QS RANK 2026
Universiti Malaya (UM)	#60	#58
Universiti Sains Malaysia (USM)	#146	#134
Universiti Kebangsaan Malaysia (UKM)	#138	#126
Universiti Putra Malaysia (UPM)	#148	#134
Universiti Teknologi Malaysia (UTM)	#181	#153
Universiti Teknologi PETRONAS (UTP)	#269	#251
<b>Taylor's University</b>	<b>#251</b>	<b>#253</b>
UCSI University	#265	#269

## MALAYSIAN UNIVERSITIES IN QS WORLD RANKINGS 2025 & 2026

#1 PRIVATE UNIVERSITY IN MALAYSIA & SE ASIA;  
TOP 1% GLOBALLY;  
TOP 20 WORLDWIDE FOR HOSPITALITY.

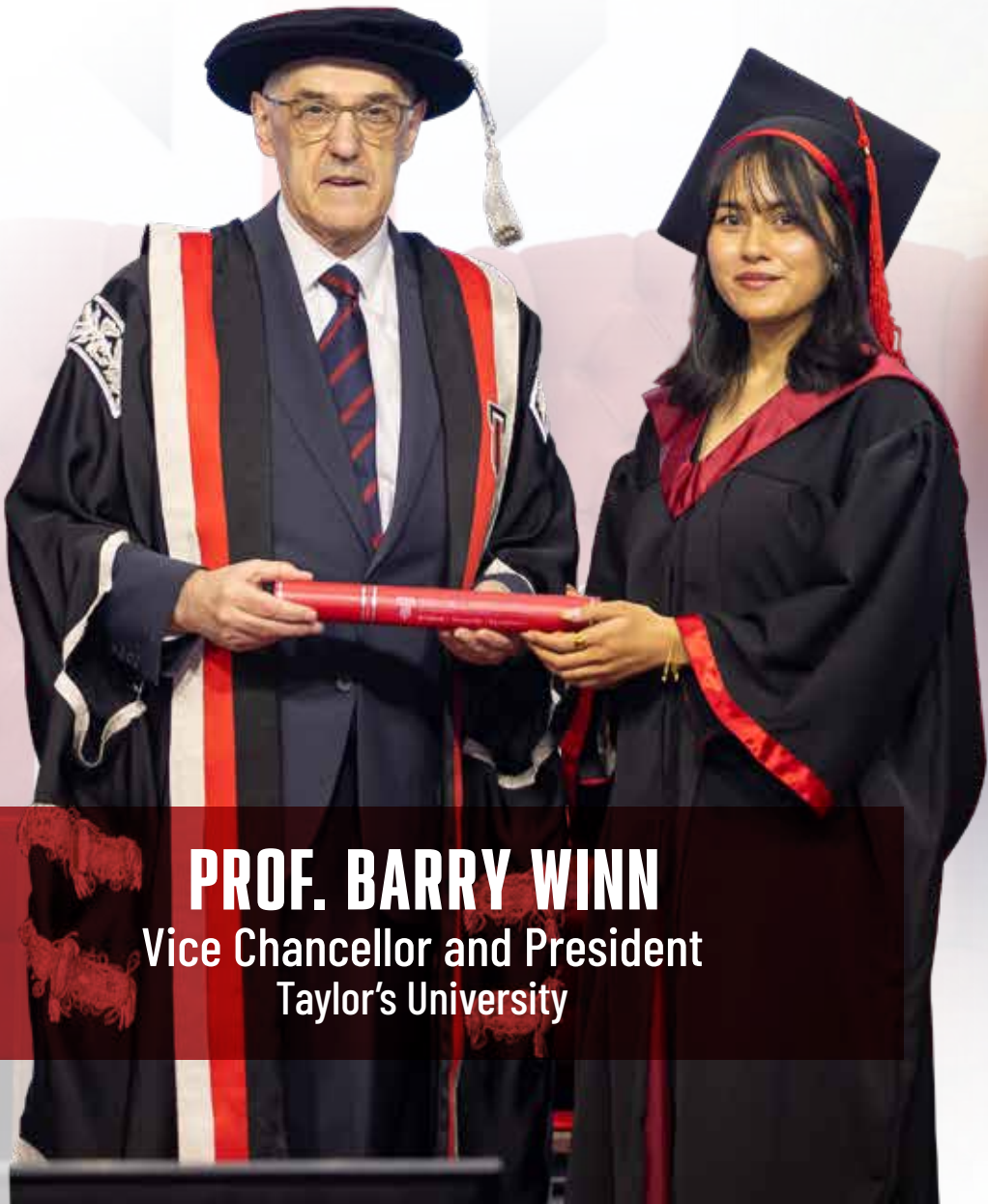
### WHY IT MATTERS?

**TAYLOR'S UNIVERSITY** is the only private university in Malaysia consistently ranked among the *Global Top 300 universities*, making its partnership with IIMS both strategic and prestigious.

**RANKED AMONG THE** *World Top 100 for Data Science & AI* and *Top 200 for Computer Science & Information Systems*, Taylor's adds strong global academic value to the BCS program at IIMS.

**GRADUATES OF** Taylor's University receive *globally recognized degrees*, opening pathways for higher studies and career opportunities around the world.

**THIS COLLABORATION** reflects the *vision of IIMS 2.0* – bringing world-class education, infrastructure, and international academic partnerships to Nepal.



**PROF. BARRY WINN**  
Vice Chancellor and President  
Taylor's University

# The future of COMPUTER SCIENCE



## AT TAYLOR'S UNIVERSITY,

we are constantly keeping ahead to ensure our students graduate future-ready and future-proof. This 4th Industrial Revolution (4IR) will change the way business is done. The revolution is characterized by a range of new technologies that are fusing the physical, digital and biological worlds, impacting all disciplines, economies and industries, and will challenge the status quo of education and its graduates.

Like most progressive fields of studies, computing and IT is fueling the speed of technological acceleration. Here are some advancements that are being discussed, anticipate and adopted globally :



### 3 KEY PILLARS OF BLOCKCHAIN TECHNOLOGY

- > Decentralisation
- > Transparency
- > Immutability

A set of immutable data records, managed via neutral clusters of computers.



The ability of computers that can simulate **HUMAN-LIKE BEHAVIOURS, INSTINCTS, and to FORMULATE SOLUTIONS BASED ON EXPERIENCES.**

## AI

- enabled user interfaces and process automation will replace 1/3 of today's screen-based apps.



> **DIGITAL SKILLS**  
> **ANALYTICAL ABILITIES**  
> **CONTINUOUS LEARNING CAPABILITIES**

With AI technology, traditional and manual skills would be in excess in the market. At the ever-changing work landscape, employers seek staff equipped with

**HIGHER COGNITIVE CAPABILITIES**  
in order to help transform their businesses.



### CLOUD AND EDGE COMPUTING

Provide businesses **HIGHER COMPUTING POWER** to analyse crucial data while reducing on-premise hardware required for network connection.



### KEY PROPONENT OF THE 4<sup>TH</sup> INDUSTRIAL REVOLUTION

- > Faster speeds
- > Faster connections
- > Faster cloud access

We continuously focus to research what's ahead to ensure we have the capacity, skills and knowledge to equip our students with unconventional teaching and learning methods.



Why

# COMPUTER SCIENCE

@IIMS

HERE IS OUR EDGE AND YOUR ADVANTAGE

## TAYLOR'S CURRICULUM FRAMEWORK [TCF]

IIMS follows the first-of-its-kind curriculum prescribed by partner University that allows you to mix & match modules to customize your degree.

## MEETING INDUSTRY STANDARDS

IIMS, besides University courses, offers a range of career-focused industry-led trainings where graduates continue to meet industry standards filling out the talent pool in ICT.

## DRIVING INNOVATION THROUGH TECHNOLOGY

We aim to provide students with ample opportunities to influence the future of the modern world pioneering the frontiers of Computing and Information Technology with a positive impact on society.

## INDUSTRY RELEVANT CURRICULUM

Our industry relevant curriculum is a result of a conducive environment and multiple strong collaborations including, close ties to the industry, professional bodies, government agencies and academia.

## PROGRAMMES OFFERED ARE COMPREHENSIVE

Our programmes offered are comprehensive in practical content, using relevant and latest learning technologies. We ensure that you are future-ready, as we enter the 4IR.

## SEED FUNDING

IIMS students with unique and innovative idea receives start-up fund to transform their idea into reality.

## ACCELERATORS and INCUBATORS

IIMS students through in-house accelerator & incubation program can pitch their ideas to get funding and mentorship opportunities.

## INTERNSHIP and PLACEMENTS

IIMS offers unique experience for students to practically learn and sharpen their theoretical skills through short-term internships and job placement opportunities.

## INTERNATIONAL TOURS

IIMS student gets to participate in student exchange programs. Students can choose to study one semester at University with no added cost.

# REAL WORLD EXPERIENCE

*At IIMS, experience is at the heart of the learning process. Our carefully-tailored approach combines a strong foundation of theories, as well as avenues to apply these theories into practical settings to maximize learning. In order to achieve this, we employ a variety of teaching and learning strategies, where students are exposed to real-life scenarios and industry-relevant experiences that enhance student engagement, both inside and outside the classroom.*

## IIMS IMPACT HUB

IIMS IMPACT HUB is an academic incubation space to cultivate distinct academic eco-systems created to address the needs of aspiring entrepreneurs by helping them realize their concept and transform it into reality. This dedicated entrepreneurial space is a go-to place for the students across multiple programs to unite, collaborate and work with other fellow entrepreneurial minds. The idea of this project is to assist budding entrepreneurs in their start-up journey and beyond, through training workshops, mentorship, shared working space, seed funding & investment opportunities to remain afloat.



## INDUSTRY IMMERSION PROGRAMME

The industry immersion programme is a 10-week course designed to help maximize your experience and provide you with the guidance, skills and knowledge to succeed in the ever-evolving business world.

Split into two stages, you'll first go through a workshop where you'll be exposed to personal mastery, team dynamics, and project management to prepare you for the full business immersion experience.

Then you'll enter the field to work with real clients on actual business projects. This is where you'll take the brief, conduct research, implement a strategy, test, execute and finally end with a final presentation of learnings.

## INDUSTRY VISITS



Our students have the opportunity to visit companies and gain first-hand insight into the real world of business providing them a platform to communicate and network with professional organizations and its employees.

## NATIONAL AND INTERNATIONAL FIELD TRIPS

Students are exposed to international business practices in a different cultural setting whilst exchanging views, experience, and network with students of foreign universities and communities. This is to drive international-mindedness for all our students as they step into the 4th Industrial Revolution.



## STUDENT MOBILITY PROGRAMME

This is a unique opportunity for students to combine an overseas travel and cultural experience, focusing on various aspects of a region or areas of studies. This promotes international-mindedness in our students.



## KEYNOTE SPEAKERS SERIES, FORUMS, WORKSHOPS AND CONFERENCES

These platforms link our students with industry leaders, through insightful talks and lectures. Students gain insights on global developments and issues that may impact their future practices.





## GROWTH AND DEVELOPMENT SERVICES AT IIMS COLLEGE

is committed to enhancing the overall student experience by supporting students' personal, academic, and professional growth. The department plays a vital role in creating a vibrant, inclusive, and student-centered environment that encourages leadership, creativity, collaboration, and holistic development.

**STUDENTS SUPPORT SERVICES :** Dedicated to guiding students at every step, this unit offers academic assistance, counseling, and personalized resources, ensuring a smooth and enriching college journey.

**CLUBS & EVENTS :** A vibrant hub for creativity and collaboration, this unit encourages students to explore their passions, lead initiatives, and participate in cultural, social, and professional events.

**WELLBEING UNIT :** Focused on holistic wellness, the Wellbeing Unit provides mental, emotional, and physical support through counseling, mindfulness programs, and health-promoting initiatives.

**CAREER PLACEMENT & INTERNSHIP UNIT :** Connecting students to global opportunities, this unit facilitates career guidance, industry internships, professional networking, and international exposure to prepare them for success in a competitive world.

**OVERSEAS TRANSFER UNIT :** Supporting students who aspire to study abroad, this unit offers guidance on transfer processes, documentation, and academic alignment to ensure a smooth international transition.

**HEALTH AND CURE STATION :** Providing on-campus medical support, preventive care, and emergency services, this unit prioritizes student health and ensures timely attention for any medical needs.

# COMMUNITIES AND CLUBS



The

# ULTIMATE CELEBRATION OF CREATIVITY, INNOVATION AND STUDENT SPIRIT

CNS Fest 2026 is a flagship student-led event at IIMS College that brings together technology, entertainment, sports, music, culture, and innovation into one exciting celebration. The festival provides students with a dynamic platform to showcase their talents, creativity, leadership, and teamwork through engaging competitions, performances, exhibitions, and interactive activities.

## EVENT HIGHLIGHTS

LIVE MUSIC AND  
CULTURAL PERFORMANCES

GAMING AND  
ESPORTS COMPETITIONS

TECH AND  
INNOVATION SHOWCASES

NETWORKING AND STUDENT  
ENGAGEMENT ACTIVITIES

SPORTS ACTIVITIES  
AND CHALLENGES

TALENT HUNTS AND  
CREATIVE COMPETITIONS

# OVER THE YEARS, IIMS COLLEGE HAS

successfully organized impactful hackathons and innovation-driven events that have empowered students, developers, and young innovators to build real-world solutions using emerging technologies.



2024

## IIMS HACKATHON

A nationwide innovation competition focused on Artificial Intelligence, Machine Learning, and Software Development, bringing together talented students from across Nepal to solve real-world challenges using cutting-edge technologies.

- HIGHLIGHTS:**  
Nationwide participation | AI & Deep Learning-focused challenges  
Industry mentorship sessions | Project showcase and pitching opportunities



## Turboline X IIMS INTERNATIONAL HACKATHON 2025

2025

An international-level hackathon centered on Sports Analytics, Media Intelligence, and AI-driven solutions, where participants developed innovative systems using data science, automation, and predictive technologies.

- HIGHLIGHTS:**  
International collaboration | Sports & Media AI analytics theme  
Cross-disciplinary participation | Real-world industry problem statements



## IIMS X PERCEPTRON INTERNATIONAL HACKATHON 2026

**BUILD THE DATASET. TRAIN THE MODEL. EVALUATE THE IMPACT.**

2026

A premier 48-hour international AI innovation sprint designed to bring together aspiring developers, researchers, designers, innovators, entrepreneurs, and technology enthusiasts to solve real-world challenges through Artificial Intelligence and emerging technologies.

- HIGHLIGHTS:**  
48-hour international AI innovation sprint | End-to-end AI workflow (data to deployment)  
Hands-on experience with Auto and AI model development  
Real-world, industry-relevant problem solving



# CONVOCATION 2026 – SEEDS OF TOMORROW

CLASS of 2026

CLASS of 2026



IIMS College proudly presents Convocation 2026 – Seeds of Tomorrow,

a celebration of achievement, growth, and new beginnings. The Class of 2026 marks a proud and historic milestone as we celebrate the first graduating cohort of Taylor's University programs delivered at IIMS. Inspired by the transformative power of education, the theme "Seeds of Tomorrow" symbolizes the potential of graduates who are now prepared to emerge as future leaders, innovators, and changemakers.

A total of 197 graduates will be conferred their degrees during this ceremony, representing programs that have equipped students with the knowledge, skills, and global perspectives needed to succeed in today's evolving world. Under the theme "Seeds of Tomorrow," the ceremony symbolizes growth, transformation, and the limitless potential of our graduates as future leaders, innovators, and changemakers.



# IIMS MUSIC AS MEDICINE

Music is a language understood by all living beings. It even has healing capabilities. A host of celebrities have performed during various events at IIMS and mesmerized the IIMS family with their soothing performances.



**SAMIR SHRESTHA**



**ELEENA CHAUHAN**



**ROCK HEADS**



**KENGAL & THE THREE TYPE**



**KUMA SAGAR & THE KHWOPA**



**VEK**



**THE ELEMENTS**



**MONKEY TEMPLE**



**KARMA BAND**



DEEPAK BAJRACHARYA & THE RHYTHM



SUJATA THAPA



ALEX NEPALI



MUKTI & REVIVAL



KENGAL MEHAR SHRESTHA



SABIN RAI & THE PHARAOH



KUTUMBA



PARIWARTAN BAND



YABESH



ABHAVA AND THE STEAM ENGINES



PRAJINA FT. REGAN



SUSHANT GHIMIRE



# WORLD-CLASS STANDARDS, FACILITIES & ENVIRONMENT





# TAYLOR'S CAFE



*Sip, Connect  
and Unwind.*

*A premium café experience designed to elevate campus life through elegance, comfort, and connection. From artisanal coffee and curated bites to refined interiors and relaxed seating, Taylor's Café offers the perfect setting for meaningful conversations, focused study sessions, and moments of relaxation in a modern, sophisticated atmosphere.*



# THE TUCK SHOP



*Fresh Meals,  
Shared Moments.*

*A vibrant dining space designed to bring students together through good food, comfort, and convenience. Offering a variety of fresh meals, quick snacks, and refreshing beverages, The Tuck Shop creates a welcoming atmosphere where students can relax, recharge, and connect between classes in a lively campus environment.*

# TAYLOR'S CAFE EXPRESS



*The Perfect Blend  
of Chill & Cheer.*

*More than just a café, Taylor's Express is a space where students unwind, connect, and recharge. From flavorful food and refreshing drinks to a perfect cup of coffee during busy days, it's the ideal spot to take a break, catch up on work, share laughs with friends, and enjoy every campus moment in a warm and lively atmosphere.*

# KNOWLEDGE PARK



*Where Learning Meets Comfort.*

*A welcoming space designed for students to learn, relax, and connect. With a quiet library for focused study, comfortable seating areas, fun playing zones, and cozy chill spots, it creates the perfect balance between productivity and relaxation. Whether studying peacefully or enjoying campus moments together, Knowledge Park offers an environment where ideas, friendships, and creativity grow.*

# HEALTH AND CURE STATION



*Your Health, Our Priority.*

*At the Health & Cure Station, student well-being comes first. Designed to offer quick medical attention, first aid services, and a supportive environment, it serves as a reliable care center within the campus. Whether it's a minor health concern or immediate assistance, the station is always ready to provide comfort, care, and support to help students stay healthy and focused.*

# ARECA GARDEN



*A space where minds settle and ideas rise.*

*A shared space for collaboration and comfort, offering the perfect balance between study and leisure. From group discussions to solo study sessions, casual seating to quick bites – it's a place where learning feels natural and stress-free.*

# BECOME FUTURE-PROOF

( International Degree with Local Industry Alliance )

## STUDENT TECHNOPRENEURSHIP DEVELOPMENT

A new initiative by IIMS starting the 2021 session, to develop students technical skills alongside entrepreneurial skills. We call that technopreneurship, which will be delivered under supplement training requiring students to work on the project of their interest upon completion of the training courses. Much of the delivery will be based on workshops focusing on how to materialize the idea. Students are usually grouped together to form start-up companies. You will be taught to create jobs instead of seeking jobs.

## INDUSTRY-DRIVEN FINAL YEAR PROJECTS

All students are mandatorily required to complete their major final year project. Though students are allowed to continue with the project topics of their interest, IIMS also allows students to continue with the topics proposed by our industry partners.

Certainly this is like taking a hike in a rocky desert while you can drive. Hiking being the later part. But definitely will be rewarding as students will be exposed to current industry practices, challenges faced by industry partners and understand the real complexity aiding towards better learnings.

- Personal and group travel planner
- Automated question generator with applied Bloom's Taxonomy
- Course registration tools with Python
- Realizing Near Field Communications
- The automated storyteller
- Kazoku, a family budget planner

## INDUSTRY REGULATED TRAININGS

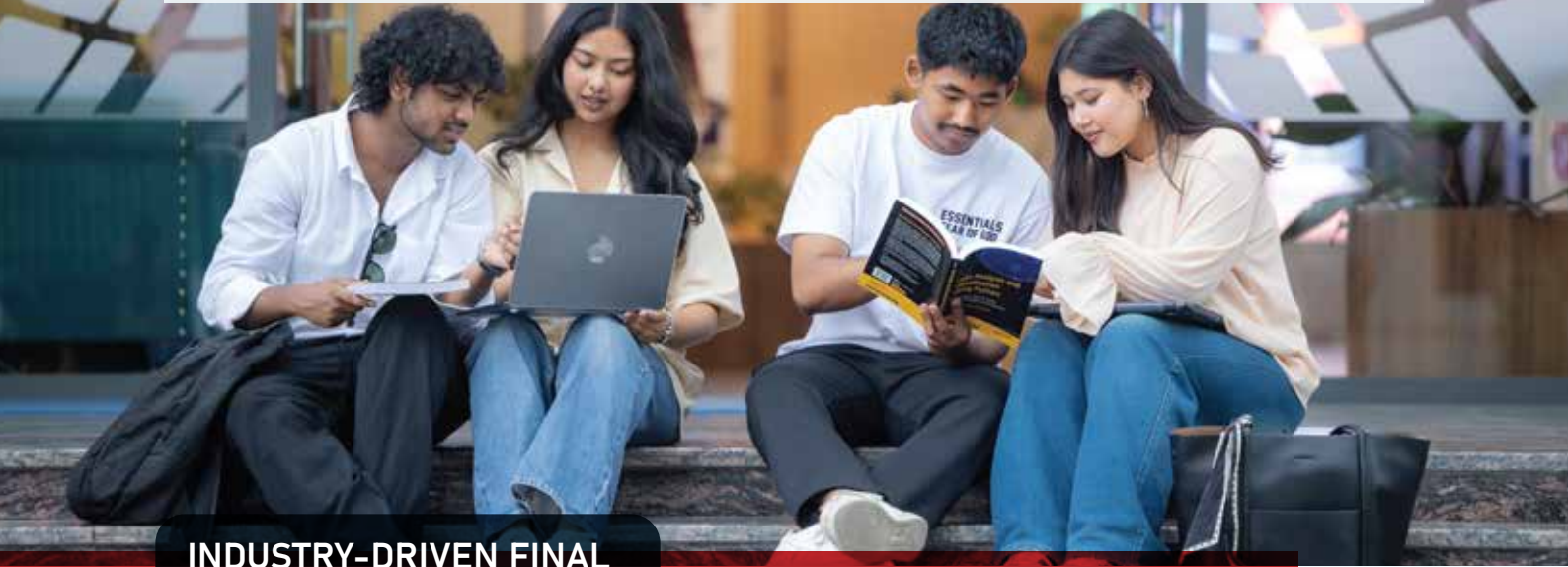
Training at IIMS is unlike anywhere else, We don't teach tech but nurture you how to use one. IIMS hosts yearly training for all interested students. Unlike traditional sessions where the teacher teaches/explains codes, at IIMS, the training is largely shaped, influenced and delivered by the industry partners so as to meet their needs and industry demands so as to equip students not only with technology know-how but also the working dynamics. Involved trainers closely monitor students progress and skills honed assisting towards the head-hunt process. In a nutshell all training at IIMS is industry-driven and delivered leading to direct placements.

### TRAINING

### TRAINED

• Python for Everybody	543
• Code with Node.js	246
• Restful API with Laravel	256
• UI UX Training	578
• Software Quality Assurance & Testing	560
• Front-End development with React.js	270
• Backend development with Node.js	270
• Web Development in Laravel	280
• Developing Mobile App with Flutter	550

\* Amazing fact is our students were finding placement even during a pandemic.



# BCS INDUSTRIAL ATTACHMENT

You will undergo a 6-month industrial training for the last 2 semesters of their programme. This will provide you with the necessary industrial experience and the opportunity to explore your interest and apply the knowledge acquired from programme. Many of our industrial attachment partners are top ICT companies. A good percentage our students are offered jobs in the same company after their industrial attachment.

## COMPANIES THAT HAVE HIRED OUR GRADUATES

- Agile IT Solutions
- Amnil Technology
- Aryatara Investment & Security
- ContentIO Lab
- Darshan Tech
- Dry Ice Solution
- Braindigit
- E.K Solutions
- EKTA IT SERVICES
- E-Prabidhi Pvt Ltd
- Fantastic Story, Inc
- F1 Soft
- Fusemachines Nepal Pvt Ltd
- Gada Technology
- Green Village Education Foundation
- Fuse Machines
- Grow By Data
- HAMS Hospital
- Assurance Inc
- Ayon NGO
- Bajra Technology
- Deerwalk Inc
- Huawei Cloud
- IMS Software Pvt Ltd
- Innovative Desk Nepal
- Ison Group
- Isuzu Nepal
- ITech Office Support
- JAVRA Software
- Huawei Cloud
- KG IT Solutions
- KTM Rush
- KUDO Nepal
- Leapfrog Technology Inc
- LIS Nepal Pvt Ltd (Yomari)
- Max Connect Pvt. Ltd
- Mercantile Communications
- Mirchaya Nagarpalika
- Bits Beat IT solutions
- BW Event Tech, USA
- Cloud Factory
- Connecting Dots
- Mountain Television
- Nepal Payment
- Nima Publication
- Professional Computer System P. Ltd (PCS)
- Pycus Holdings
- Nima Publications
- Smart Choice Technology
- Softbenz Infosys
- Subha Shingal Intl Pvt Ltd
- Swift Technology
- Techzone Nepal
- UG Bazaar
- Vianet Communications
- VARICON Systems

... and many more

## JOB POSITIONS THAT OUR GRAUDATES ARE AT

- Associate Software Engineer
- Associate Team Leader
- Backend Developer
- Business Developer Manager
- Business Developer Assistant
- Computer Operator
- Content Writer
- Data Analyst
- Digital Marketing
- Dot Net Developer
- Frontend Developer
- Graphic Designer
- IT Manager
- IT Officer
- Jr. Programmer
- Machine Learning Associate
- Machine Learning Engineer
- AI Researcher
- Mobile Application Developer
- Network & IT Support
- Project Manager
- Python Developer
- QA Engineer (Requirement)
- Quality Assurance Associate
- React Developer
- Sales Coordinator
- Senior Software Engineer
- Senior Software Technologist
- Software Developer
- Software Engineer
- Software Analyst
- Software Test Engineer (TE)
- Teaching
- Test Automation Associate
- Team Lead
- Technical Assistant
- UI UX Designer

... and many more

# INDUSTRY PARTNERSHIPS

## INDUSTRY ADVISORY PANEL (IAP)



We work closely with the IAP to ensure the programs offered are relevant to current IT industry practices and requirements. The IAP provide input in developing and offering new curriculum to meet the current and future market demands.

In order to keep abreast with global trends and bridge the gap between academia and the industry, we have developed a web of relationships with international technology companies and entrepreneurs. These pillars of the Information and Communications Technology (ICT) community provide IIMS's Department of Computing & IT with valuable insight into the industry and shed light on the fundamentals shifts in IT consumption and consumer behavior.

**These strategic alliances facilitate dynamic knowledge exchange, enabling you to reap the rewards of these collaborations. In turn, IIMS's Department of Computing & IT serves as an ideation lab and a gateway to innovation, talent and research activities for the industry.**

Soft skills are embedded throughout our curriculum and instilled in our students through project-based learning, internship programs, field trips, as well as events and activities that stimulate the students to get involved in activities outside their chosen field and develop out-of-the-box thinking. These activities also provide you with industry exposure and enable you to learn more about the application of technology in the real world. Our holistic approach has successfully produced not just ICT graduates, but technopreneurs who are geared to meet and tackle the challenges of the future.

# CAREER ADVANCEMENT CENTER [CAC]

## JOB READINESS PROGRAM

INDUSTRY-FOCUSED  
SKILL DEVELOPMENT  
PROGRAMS

INTERNSHIP AND  
PLACEMENT  
OPPORTUNITIES

CV, RESUME AND  
PORTFOLIO BUILDING  
SUPPORT

MOCK INTERVIEWS  
AND CAREER  
COACHING SESSIONS

SOFT SKILLS AND  
PROFESSIONAL  
COMMUNICATION TRAINING

INDUSTRY EXPERT  
TALKS AND  
NETWORKING EVENTS

CAREER COUNSELING  
AND PERSONALIZED  
GUIDANCE

HANDS-ON WORKSHOPS,  
CERTIFICATIONS AND  
PRACTICAL LEARNING

CORPORATE PARTNERSHIPS  
AND REAL-WORLD INDUSTRY  
EXPOSURE

### THE CAREER ADVANCEMENT CENTER

is a dedicated platform committed to empowering students with the skills, opportunities, and industry exposure needed to thrive in today's competitive professional world. Designed to bridge the gap between academics and industry, the CAC supports students in exploring career pathways, developing employability skills, and building meaningful professional connections.

From career counseling and internship placements to industry networking, workshops, mentorship programs, and placement support, the center provides a holistic career development experience that prepares students for long-term success.



# AWARDS AND SCHOLARSHIPS

IIMS scholarships are available to new students enrolled into any of the offered programs. Students can receive one award provided they meet the scholarship conditions. Also awards are distributed as tuition fee credits.



## >> IIMS Merit Scholarship

Awarded to 10% of enrolled students based on their previous academic performance and a scholarship test.



## >> IIMS Community Scholarship

Awarded to 4 enrolled students based on financial pre-conditions and management reviews.



## >> IIMS Talent Scholarship

Awarded to 4 enrolled students based on acquired talent pre-conditions other than the sports and management reviews.



## >> IIMS Sports Scholarship

Awarded to 4 enrolled students based on achieved sports accolade pre-conditions and management reviews.



## >> IIMS Excellence Scholarship

Awarded yearly to 2 enrolled students with consistent overall academic performance.

# OVERSEAS

## TRANSFER OPTIONS

Taylor's curriculum standard is internationally recognized. University offers the option of completing your Computer Science program with one of established partner universities in the United Kingdom and Australia.



### AUSTRALIA (AUS)

#### THE UNIVERSITY OF QUEENSLAND

- Bachelor of Information Technology
- Bachelor of Computer Science

2 + 1.5 years  
2 + 1.5 years

#### QUEENSLAND UNIVERSITY OF TECHNOLOGY

- Bachelor of Information Technology (Computer Science)

1 + 2 years

#### UNIVERSITY OF SOUTH AUSTRALIA

- Bachelor of Information Technology (Computer Science)

1 + 2 years

- Bachelor of Information Technology (Software Development)

1 + 2 years

- Bachelor of Software Engineering (Hons)

1 + 2 years

#### UNIVERSITY OF TECHNOLOGY SYDNEY

- Bachelor of Information Technology (Enterprise Systems Development)
- Bachelor of Information Technology (Data Analytics)
- Bachelor of Information Technology (Interaction Design)

2 + 1.5 years  
2 + 1.5 years  
2 + 1.5 years

### UNITED KINGDOM (UK)

#### UNIVERSITY OF ESSEX

- Bachelor of Science Computer Games
- Bachelor of Science Computer Science
- Bachelor of Engineering Computer Networks
- Bachelor of Engineering Robotic Engineering
- Bachelor of Engineering Mechatronic Systems
- Bachelor of Engineering Computers with Electronics
- Bachelor of Engineering Computer Systems Engineering

1 + 2 years, 2 + 1 years  
1 + 2 years, 2 + 1 years  
1 + 2 years, 2 + 1 years  
1 + 2 years, 2 + 1 years  
1 + 2 years, 2 + 1 years  
1 + 2 years, 2 + 1 years  
1 + 2 years, 2 + 1 years

#### UNIVERSITY OF LEEDS

- BSc Computer Science
- BSc Computer Science with Artificial Intelligence

1 + 2 years  
1 + 2 years

- MEng Computer Science
- MEng Computer Science with Artificial Intelligence
- MEng Computer Science with High-Performance Graphics and Games Engineering

1 + 3 years  
1 + 3 years  
1 + 3 years

#### UNIVERSITY OF BIRMINGHAM

- BSc Computer Science
- BSc Artificial Intelligence with Computer Science

1 + 2 years  
1 + 2 years

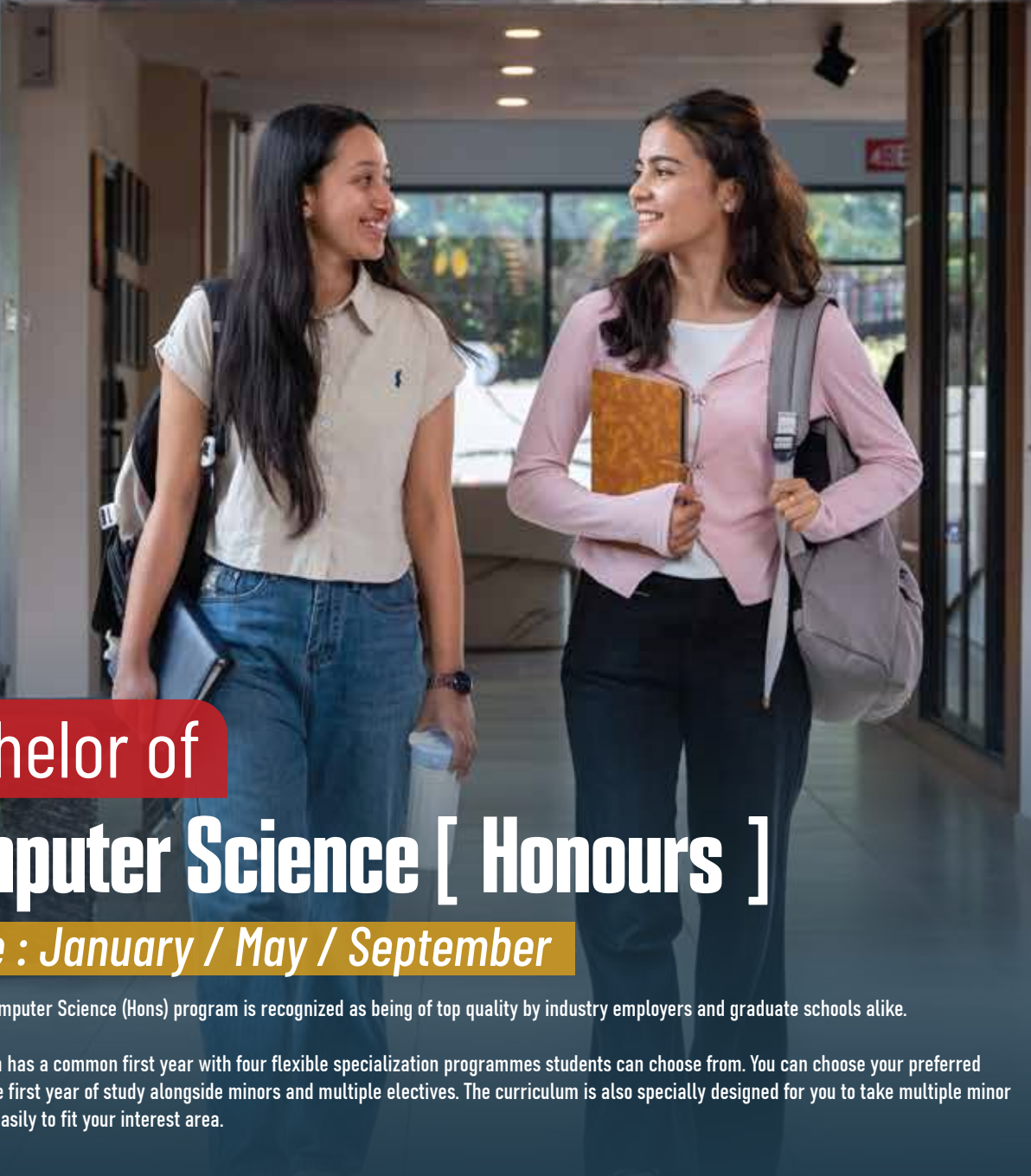
- MSci Computer Science
- MSci Artificial Intelligence with Computer Science

1 + 3 years  
1 + 3 years

#### UNIVERSITY OF KENT

- BSc (Hons) Computing

1 + 2 years, 2 + 1 years



## Bachelor of

# Computer Science [ Honours ]

*Intake : January / May / September*

Bachelor of Computer Science (Hons) program is recognized as being of top quality by industry employers and graduate schools alike.

The curriculum has a common first year with four flexible specialization programmes students can choose from. You can choose your preferred major after the first year of study alongside minors and multiple electives. The curriculum is also specially designed for you to take multiple minor options more easily to fit your interest area.

### Program Highlights

- > 4 years degree program
- > Option to choose from 4 specializations alongside minors and multiple electives
- > Compatible to National and American/European education standards
- > Tri-semester based Intensive programmes followed by Internship/Placement
- > Overseas exchange and international learning opportunities to enhance global outlook
- > Industry regulated technology workshops and other learning activities (e.g. AI, Machine Learning & Big Data, Python, R language, Web Design/Development, Hackathon).

### Program Highlights

- > Year 1: Broadening year
  - > Year 2: Specialization Year
  - > Year 3: Strengthening Year
  - > Year 4: Project & Placement Year
- Graduating students must complete an extensive final year project work alongside a compulsory Internship-placement.

**Probably the best curriculum  
that prepares you for trending careers.**

# COURSE ROADMAP

## PRIMARY CORE

### COMMON CORE

- > Discrete Structure
- > Computer Architecture & Organization
- > Object Oriented Programming
- > Database Systems
- > Operating System
- > Principle of Software Engineering
- > Data Structures & Algorithm
- > Systems Analysis and Design
- > Computer Network
- > Human Computer Interaction
- > Capstone/Industry Project-I
- > Capstone/Industry Project-II
- > Internship / Industrial Training (6 Months)

### SPECIALISATION : COMPULSORY MODULE

- > Ideating Startup
- > Machine Learning & Intelligent System
- > Advanced Programming
- > Professional Practices & Information Security

#### Choose one of the options :

##### Option 1 : Data Science (Dual Award)

- Statistical Inference & Modeling
- Data Mining
- Data Science Principles
- Big Data Technologies

##### Option 2 : Cyber Security (Dual Award)

- Computer & Network Security
- Computer Crime & Digital Evidence
- Computer Intrusion Detection
- Wireless Networks & Security

##### Option 3 : Mobile Computing (Dual Award)

- Introduction to Mobile Computing
- Wireless Networks & Security
- Mobile Application Development
- Internet of Things

##### Option 4 : Artificial Intelligence (Dual Award)

- Computer Vision & Natural Language Processing
- Deep Learning
- Cognitive Computing & Applications
- Big Data Technologies

\* Dual Award is regulated by the University in joint collaboration with University of West England, UK

## UNIVERSITY CORE

- > Integrity and Anti-Corruption
- > Emotional Intelligence in Action
- > Intercultural Management
- > Professionalism at Workplace
- > Social Innovation Project

## FREE ELECTIVES

Choose five (5) modules from the provided elective module list.

Please note the elective module list is subject to change. Offered modules are regulated in accordance with Taylor's University directives.

- Contemporary Design Theories
- Design Communication
- Design Principles
- Digital Photography & Imaging
- Event Technology for Entertainment
- Software Testing
- Data Visualization
- Internet of Things (IoT)
- Software Design
- Illustration & Visual Narrative
- Management Information System
- Mobile Application Development
- Video & Sound Production
- Web Application Programming
- Web Development Technologies
- Introduction to Cloud Computing
- Software Project Management
- Requirement Engineering

OR

#### Choose one of the below packages:

##### EXTENSION

Option 1 : Cyber Security, choose one of the extension package :

- Data Science
- Game Design
- Artificial Intelligence
- Mobile Computing
- Business intelligence & Analytics

Option 2 : Data Science, Choose one of the extension package :

- Mobile Computing
- Game Design
- Cyber Security
- Artificial Intelligence
- Internet Technologies

Option 3 : Mobile Computing, choose one of the extension package :

- Data Science
- Game Design
- Artificial Intelligence
- Cyber Security
- Business intelligence & Analytics

Option 4 : Artificial Intelligence, Choose one of the extension package :

- Cyber Security
- Business Intelligence & Analytics
- Mobile Computing
- Game Design
- Internet Technologies
- Data Science

OR

##### MINOR

Recommended Packages :

- Creative Media Design
- Accounting
- Entrepreneurship
- Broadcasting
- Management
- Finance
- Advertising
- International Business
- Marketing
- Biotechnology

Choose any Minor package\* offered by Taylor's University. Refer to the Flexible Study for the list of Minor packages.

OR

##### SECOND MAJOR

Choose any Minor package\* offered by Taylor's University. Refer to the Flexible Study for the list of Minor packages.

Additional Mathematics – Applicable only to the Student who do not meet Mathematics Criteria\*

Primary Core + University Core + Free Electives = Min. 4 Years (120 Credit Hours)

# EXPLORE OUR SPECIALIZATION DEPARTMENTS



## ARTIFICIAL INTELLIGENCE

Artificial Intelligence is transforming the future of every industry – from healthcare and finance to education and business automation. According to global industry reports, AI is expected to contribute trillions to the world economy and create millions of new career opportunities in the coming decade.

The AI Department at IIMS College is designed to prepare future innovators with practical expertise in machine learning, automation, intelligent systems, and emerging AI technologies. Through project-based learning, industry exposure, and real-world applications, students develop the skills needed to build smart solutions for tomorrow's digital world.

## CYBER SECURITY

With cyber threats increasing globally every year, Cyber Security has become one of the fastest-growing and most in-demand technology fields worldwide. Organizations across every industry require skilled professionals to protect systems, networks, and sensitive data from evolving digital threats.

The Cyber Security Department equips students with practical knowledge in ethical hacking, digital defense, network security, and cyber risk management. By combining hands-on training with industry-oriented learning, the department develops professionals capable of securing the modern digital landscape with confidence and expertise.



## DATA SCIENCE

Data is now considered one of the world's most valuable resources, driving innovation, business strategy, and decision-making across industries. As organizations increasingly rely on data-driven insights, the demand for skilled data professionals continues to grow rapidly worldwide.

The Data Science Department empowers students with analytical thinking, data interpretation, visualization, and predictive technology skills essential for the modern digital economy. Through practical projects, real-world datasets, and industry-focused learning, students gain the ability to transform complex data into impactful insights and innovative solutions.



### ANMOL ADHIKARI

Specialization Coordinator  
Artificial Intelligence (AI)

Mr. Anmol Adhikari is an AI educator, researcher, and data analytics professional with expertise in Artificial Intelligence, Machine Learning, and Data Science. He is committed to empowering students through practical learning, innovation, and industry-focused education while leading the AI specialization at IIMS College.



### NABEEN KUMAR ARYAL

Specialization Coordinator  
Cyber Security

Mr. Nabeen Kumar Aryal is a passionate technology professional with expertise in Cyber Security, network protection, and digital security systems. As the Cyber Security Specialization Coordinator, he focuses on delivering practical, industry-oriented learning experiences that prepare students to tackle modern cyber threats and build secure digital solutions.



### SUBIT TIMALSINA

Specialization Coordinator  
Data Science

Mr. Subit Timalsina is a dedicated Data Science professional with expertise in data analytics, visualization, and data-driven technologies. As the Data Science Specialization Coordinator, he is committed to guiding students through practical learning experiences and helping them develop analytical and problem-solving skills aligned with modern industry demands.

# SPECIALIZATION MODULES AND CAREER PATHWAYS

## ARTIFICIAL INTELLIGENCE

Artificial Intelligence is a future-focused field that explores machine learning, neural networks, computer vision, natural language processing, and cognitive technologies. This specialization provides hands-on experience in building and deploying AI-powered applications, preparing students for exciting careers as AI & ML engineers, researchers, and analysts across industries such as business, healthcare, finance, education, engineering, and technology.

### Course Modules :

- > Understanding Entrepreneurialism
- > Machine Learning and Intelligent System
- > Advanced Programming
- > Professional Practices & Information Security (Conventional)
- > Professional Practices and Information Security (WBL)
- > Big Data Technologies
- > Computer Vision & Natural Language Processing
- > Deep Learning
- > Cognitive computing and applications

**Careers :** Machine Learning Engineer, Computer Vision Engineer, NLP Engineer, Robotics Engineer, Deep Learning Engineer, AI Product Manager, AI Ethicist, AI Software Developer, LLM Engineer and more...

## CYBER SECURITY

Cyber Security is a professional field that focuses on the protection of digital systems, networks, software, hardware, and information from cyber threats, vulnerabilities, and malicious attacks. The specialization covers the fundamental concepts and practical techniques required to design, develop, and manage secure computing environments.

### Course Modules :

- > Understanding Entrepreneurialism
- > Machine Learning and Intelligent System
- > Advanced Programming
- > Professional Practices & Information Security (Conventional)
- > Professional Practices and Information Security (WBL)
- > Computer and Network Security
- > Computer Intrusion Detection
- > Computer Crime and Digital Evidence
- > Secured Software Systems
- > Wireless Network and Security

**Careers :** Digital Forensics Expert, Security Analyst, Security Engineer, Penetration Tester, Ethical Hacker, Security Architect, Information Security Officer and more...

## DATA SCIENCE

Data Science is a professional field that focuses on extracting meaningful insights and knowledge from data through scientific methods, analytical processes, statistical techniques, and modern technologies. The specialization combines mathematics, statistics, programming, machine learning, and data visualization to solve real-world problems using data-driven approaches.

### Course Modules :

- > Understanding Entrepreneurialism
- > Machine Learning and Intelligent System
- > Advanced Programming
- > Professional Practices & Information Security (Conventional)
- > Professional Practices and Information Security (WBL)
- > Statistical Inference and Modelling
- > Data Science Principles
- > Data Visualization
- > Data Mining
- > Big Data Technologies

**Careers :** Data Scientist, Data Engineer, Data Analyst, Data Manager, Data Architect, Business Analyst Machine Learning Engineer, Business Intelligence (BI) Developer and more...

## MOBILE COMPUTING

Mobile Computing is a professional field that focuses on the design, development, and evaluation of mobile applications and portable computing technologies that meet modern user requirements. The specialization covers the technologies and tools used to create applications for a wide range of portable devices, including smartphones, tablets, laptops, wearable devices, and smart vehicles.

### Course Modules :

- > Understanding Entrepreneurialism
- > Machine Learning and Intelligent System
- > Advanced Programming
- > Professional Practices & Information Security (Conventional)
- > Professional Practices and Information Security (WBL)
- > Introduction to Mobile Computing
- > Internet of Things
- > Wireless Network and Security
- > Mobile Application Development
- > Secured Software Systems (extension)

**Careers :** Mobile Apps Developer, Android Developer, Mobile Technical Lead/Architect, Mobile Solutions Consultant, Hybrid Mobile Application Developer, Mobile Software Architect and more...

# TAYLOR'sphere™

Our well-balanced learning ecosystem and community, supported by staff, industry partners, and alumni. Within this atmosphere, we intentionally prepare you to graduate in demand by inspiring you with 3 intelligences :

## INTELLECT, CRAFT AND PRACTICAL WISDOM.

### YOUR FIRST YEAR

- Customize your degree with mix-and-match modules, electives, minors, and other components.
- The First Year Learning and Mentoring Program helps you settle into IIMS while Life Skills modules prepare you for the journey ahead with communication, leadership and soft skills basics.

### THROUGHOUT STUDIES

- With IIMS dedicated and experienced lecturers, entrepreneurship modules, community service projects, state-of-the art facilities, clubs and societies, alumni support and more, immerse in an atmosphere that inspires you with knowledge, creativity, and collaboration.
- Enjoy networking opportunities with industry leaders.
- Enhance your employment opportunities with IIMS Career Services Centre's 7-Step Graduate Development Plan.

### FINAL YEAR

- Our programs boost your resume with real-life experience through internship placements or work-based learning with industry partners.
- Social Innovation modules and your Final Year Project also present opportunities to work with peers from multi-disciplines, leveraging IIMS Innvate space, Bizhub and other infrastructure to create change in the society.

## HONE IN ON THREE INTELLIGENCES



### >> INTELLECT

Taylor's Curriculum Framework offers a strong foundation with mix-and-match modules, industry placements, borderless learning, and more...



### >> CRAFT

Nurture your creativity through IIMS's Innovate Space, Bizhub, Research & Enterprise.



### >> PRACTICAL WISDOM

Build skillsets for the working world through Life Skills modules, guided by specialized moderators.

# GRADUATE MULTISKILLED

Taylor's Curriculum Framework (TCF) is a flexible study framework designed to future-proof you within Taylor's sphere, with a broader set of graduate capabilities beyond academic knowledge. Stand out from others with well-rounded skills built through borderless learning, hybrid degrees, mix-and-match modules, and work-based learning, supported by various initiatives.

## 1. GRADUATE WITH 8 TAYLOR'S GRADUATE CAPABILITIES (TGC)

Highly valuable capabilities for employability in the Fourth Industrial Revolution (4IR).



**TGC 1**

Discipline Specific Knowledge



**TGC 3**

Lifelong Learning



**TGC 5**

Personal Competencies



**TGC 7**

Entrepreneurialism



**TGC 2**

Critical Thinking, Problem solving & Creative thinking skills



**TGC 4**

Communication Skills



**TGC 6**

Social Competencies



**TGC 8**

Global Perspectives

## 2. STAND OUT WITH A GRADUATE CAPABILITIES ATTAINMENT STATEMENT (G-CAT)



Showcase your dedication in developing graduate capabilities.



Potential employers can make informed hiring decisions.

## 3. GET RECOGNISED WITH A SHINE AWARD IN CONTRIBUTING TO SOCIETY



Impactful Social Responsibility



Relationship Building & Networking



Teamwork & Collaboration



Personal Achievements



Cultural Adaption & Appreciation

## TCF INITIATIVES

Mix & match module by complementing your primary major with :

**FREE ELECTIVE**

**MINOR**

**SECOND MAJOR**

**EXTENSION**

**MASTER DEGREE LEVEL MODULES (NEW)**



Classroom to boardroom opportunities through innofest, bizpod, industry immersion projects



Engage with future employers during the professional development week



Build resilience, global perspectives & cultural adaptivity through student exchange programmes

# IIMS EXPERIENCE







# HOW WILL I STUDY?

## Engaging study of Incredible Results

### TEACHING

Lectures will form the backbone of your studies in the first year, when you will be taking up to four modules at any given time. Each module will typically involve around three to four hours of study per week, combining a mix of formal lectures and activities such as tutorials or computer labs.

### PRACTICAL TEACHING

Practical, self-directed study will play a central role in your learning throughout your degree, particularly in relation to the group and individual projects which take place from first year. 5 recently refurbished dedicated computer labs offering seamless internet, study area and off-class hour access is ideal for this purpose.

### PERSONAL TUTOR

You will be allocated a personal tutor to help and advise you during your time at college. Your tutor is one of your first ports of call if you have any problems or questions and will offer you help, encouragement and feedback on your performance on the course.

### HOW YOU WILL BE ACCESSED?

Modules assessment involves a combination of coursework and written examination. Lecture-based modules are typically be assessed via exam at the end of each semester. The coursework may be individual or group work involving programming, research, writing and/or presentations and reflections. Typically in the third and fourth years of some of courses, depending on which specialization path you follow, you will be assessed fully by a presentation and project reports.



## TEACHING & LEARNING SUPPORT

### COLLEGE LIBRARY

IIMS houses a physical library with more than 7000+ books covering all aspects of learnings.

### ONLINE LIBRARY ACCESS

IIMS students and lecturers are given access to the University's subscribed online resources. This means students and lecturers can obtain the required educational contents without having to wait and go to the physical library.

### ONLINE LEARNING (MYTIMES)

IIMS students and lecturers are given access to University's online learning platform, i.e. MyTimes. Through this platform, students will receive course materials, assignments and additional study resources.

### IIMS STUDENT SUCCESS CENTRE

Student success Centre offers intervention for students via knowledge sharing through workshops, consultations and peer support services to provide learning opportunities throughout the student's journey towards academic success.

### IIMS MOBILE APPS

IIMS students, lecturer and parents are given access to Mobile app. Through this platform, students will receive all course information such as notifications, class timetable, assignments, results, college events and more.



# ENTRY REQUIREMENTS

There are no entrance exam. Also, while there are no specific subjects you need to study at secondary school to study Computer Science at IIMS, Mathematics are very useful.

## ELIGIBILITY

- 50% marks or aggregate 2.0 CGPA in SLC/SEE
- 50% marks or aggregate 2.0 CGPA in +2/NEB
- or
- **International Baccalaureate (IB)** - Minimum 24 points in 6 subjects
- or
- **A Levels** - Minimum DD, or an equivalent of a minimum of 120 points

## ADMISSION PROCESS

- Choose a course and complete the physical or online application form.
- Submit to college all required original documents.
- If any documents are not currently available or missing, please pre-inform us. You can later submit to admission team.
- University registration process only begins after submission of all required documents.

## SCHOLARSHIPS

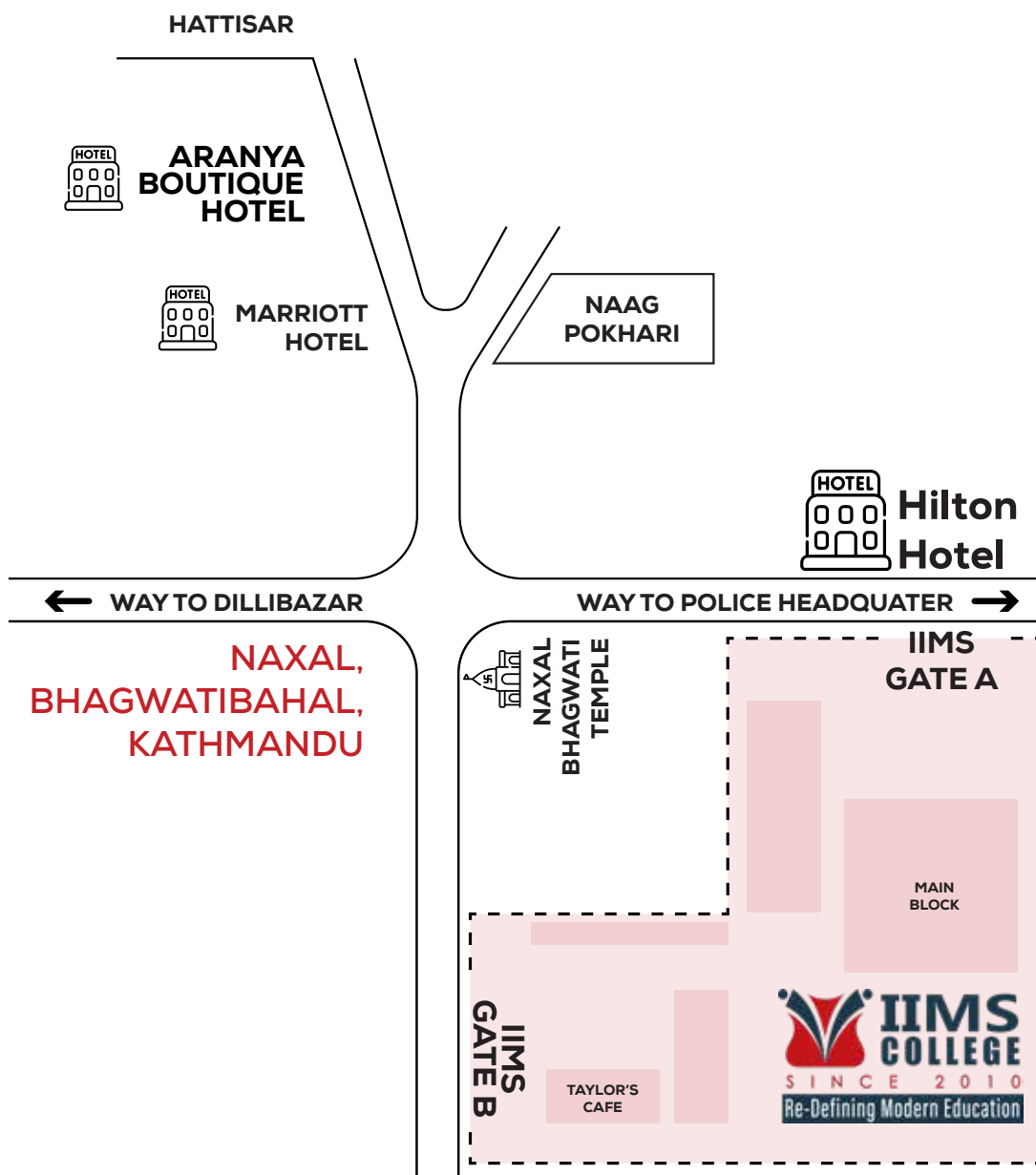
Each year we offer scholarships to 10% of enrolled students awarded on the basis of internal assessment, review and interview. Below are the listed scholarships. for more details please email us at [admission@iimscollege.edu.np](mailto:admission@iimscollege.edu.np)

- Merit Scholarship (Max. 75% tuition fee waiver)
- Talent (Non-Sports) Scholarship (Max. 100% tuition fee waiver)
- Sports Scholarship (Max. 100% tuition fee waiver)
- Community Scholarship (Max. 100% tuition fee waiver)
- Academic Excellence Scholarship (Max. Rs 50,000 fee waiver)

## DOCUMENTS REQUIRED

- Academic Transcripts of Grade 10 & 12
- Character Certificates
- English Proficiency Test results or Medium of Instruction Letter
- Citizenship or Passport Certificate
- 2 \* Passport sized Photo

# LOCATION MAP



## BACHELOR OF COMPUTER SCIENCE [HONOURS]

**P.O. Box : 6721**  
**Naxal - Bhagwatibahal**  
( Opposite Hilton Hotel )  
**Kathmandu**



This publication contains information, which is current as of June 2026. Changes in circumstances after this date may impact upon the accuracy of timeliness of the information. IIMS College does its best to ensure that the information contained herein is accurate, but reserves the right to change any information described in this prospectus without notice. Readers are responsible for verifying information that pertains to them by contacting the college.



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