...for a complete human being

Texas
International College

...for a complete human being
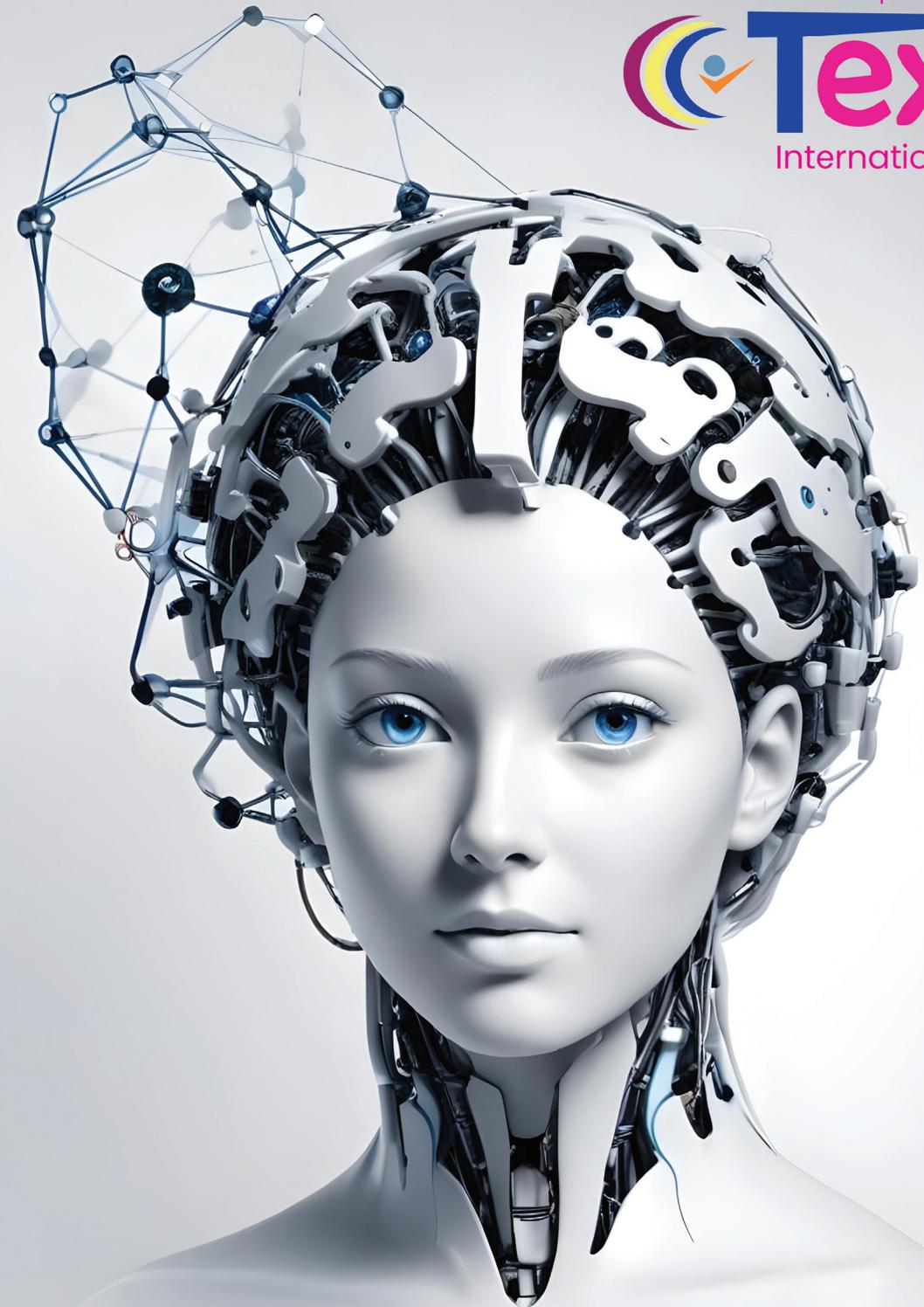
Texas
International College

BSc. CSIT / BCA / BBM
BBS / BA / BSW / MBS

GET IN CONTACT NOW!

Address: Mitrapark, Chabahil, Kathmandu
Phone: 01-4579017, 4590670
Web: www.texasintl.edu.np
Mail: enquiry@texasintl.edu.np

PROSPECTUS BSc. CSIT / BCA

FROM THE MANAGEMENT TEAM

Dear Students,

Welcome to Texas!

We are delighted to welcome you in Texas International College. The college aims to help everyone succeed academically and socially, prepare to flourish in the competitive world.

We endeavor to develop responsible citizens and self-sufficient individuals who strive for greatness and set high standard for themselves as they pursue their objectives. We've established a solid foundation of great education and are constantly improving with cutting-edge technology to create the best learning environment.

We are devoted to providing every student a good and rewarding learning experience in Texas.

Thanking you!

Prof. Dr. Govinda Pd. Acharya
Chief of Academics,
Former Dean, Faculty of
Management (TU).

Mr. Bheshraj Pokhrel
Executive Chairman

Mr. Jitendra Kumar Bakhu
Managing Director

Mr. Shyam Sundar Shrestha
Principal

Mr. Yubraj Basnet
Vice-Principal

Mr. Narayan Pokharel
Director, Business Development

Mr. Krishna Prasad Dangal
Director, Finance and Logistics

MESSAGE FROM DEPARTMENT

Dear Students and Parents,

Welcome to Texas International College – where dreams take flight, and futures are shaped with strong commitment and good care of individual.

We believe every student is full of potential, and our Bachelor of Science in Computer Science and Information Technology (B.Sc. CSIT) and Bachelor of Arts in Computer Application (BCA) programs are designed to guide the students through a transformative four-year journey. The students can explore various IT fields, connect with industry experts, and grow both personally and professionally.

Learning at Texas goes beyond classrooms. Through socialization programs, real-world training, and our unique "Texas Imaginology" platform, students gain hands-on experience by working on live projects – just like in a tech company. We blend academics with bootcamps, hackathons, job fairs, tours, sports, and cultural events to keep learning with fun.

Most of the students begin working by third year, and almost all of them are placed in final year. But our connection doesn't end there – we are eagerly waiting the same students to welcome back in Master's and celebrate their success with pride.

The teams of Texas nurture not just professionals but well-rounded individuals with values, confidence, and compassion.

Dear Parents and Guardians, your child's dreams matter us. We promise to mentor, support, and help them become responsible and skilled individuals.

Dear aspirants, if you're ready to grow, explore, and lead – your journey begins here.

Mr. Kumar Poudyal
Head of Department
BSc. CSIT | BCA

Mr. Sulav Nepal
Coordinator
BSc. CSIT | BCA

INTRODUCTION

Are you curious about how apps are built, how does website work, or how do machines learn to think like humans? Do you dream of creating the next big tech idea or working with top most companies, or your own startup one day?
If technology excites you, then you're in the right place - Welcome to the Department of IT at Texas International College! We offer two major IT programs under Tribhuvan University - B.Sc. CSIT and BCA, both designed to turn your curiosity into capability and your passion into a profession. CSIT and BCA are known for combining strong academic learning with real-world exposure, where students don't just learn - they create, innovate, and lead. From programming to artificial intelligence, and networking to cloud computing, we cover all the trending areas of IT that matter today and tomorrow.
Whether you're planning to become a software developer, data analyst, system architect, or an entrepreneur - the skills and support you receive at Texas will definitely help to shape your journey.

DEPARTMENT **MISSION**

" Our mission is to empower students with strong academics, IT skills, and value to become innovative problem-solvers and global citizens. We foster an inclusive, forward-thinking environment for their intellectual, technical, and personal growth.

DEPARTMENT **VISION**

Our vision is to be a leading IT education center, producing skilled, ethical, adaptable graduates who contribute to industry and society, where learning meets innovation and students become confident professionals.

1 Exceptional Faculty

Innovative Curriculum 2

3 Strategic Partnerships

Support student through Texas Business Incubation Center (TBIC) 4

5 Professional Opportunities

Research and Industry Engagement 6

> **Texas IT Programs:**
> *Building Tomorrow's Tech Leaders*

Why B.Sc. CSIT and BCA in Texas?

TU-Affiliated & Trusted Course Since 2010

Focus on Academics & Practical Skills

Professional Training from Experts

Texas Imaginology Lab

Texas Business Incubation Center (TBIC)

Research, Learning, and Development Center (Seed Funds)

100% Industry-Relevant Exposure

Job Placement Opportunities

Student Learning Space

Skill & Personality Development

Career Day, Job Fair, and IT Expo

LEARNING **OUTCOMES**

Students don't just study - they grow, build, and transform. Through the CSIT and BCA programs, students get the right mix of knowledge, practical skills, and confidence needed to succeed in today's tech-driven world. From learning how to code to improving communication and problem-solving skills, students are prepared for both professional success and personal development.

Technical Knowledge
Students get a strong base in programming, computer science, databases, networking, and more.

Teamwork and Leadership
Students join teams, events, projects, growing as confident leaders.
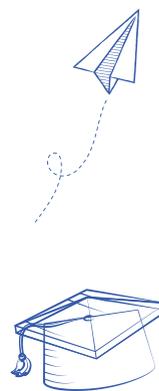
Practical Experience
Through projects, labs, and in-house setups, students implement what they learn in class.

Creative Thinking
Students learn creative tech problem-solving.

Communication & Personal Growth
Students enhance communication, emotional, and social skills.

ALUMNI **REMARKS**

Anvesha Giri
2076 Batch, CSIT
Project Manager, Buddhatech Pvt. Ltd.

Academic guidance and recommendation for job placement : Texas.

Ayush Pandey
2076 Batch, CSIT
Dotnet Developer, Chanakya Software Pvt . Ltd.

Texas College is the real place where I knowmyself : exposure and facilitation is what I praise of Texas.

Samyog Paudel
2076 Batch, BCA
Software QA Engineer, Codavatar Tech Pvt. Ltd.

I am greatly facilitated by my teachers' encouraging behaviors to move ahead.

Neha Rouniyar
2076 Batch, BCA
Software QA Engineer, Imark Digital

Focus on career & profession : I learn alot about life.

Saurav Thakur
2077 Batch, CSIT
Python Developer, Digital Age Nepal

I find Texas a unique place for my academics and career.

Rajak Putuwar
2077 Batch, BCA
Laravel Developer, Upveda Technology Pvt. Ltd.

Career guidance in Texas has helped me a lot to pave my way.

Sambhawee Acharya
2077 Batch, CSIT
Project Manager, Grantha Networks Pvt. Ltd.

The practical learning environment here gave me the confidence to excel in my career.

Adarsha Chaulagain
2077 Batch, CSIT
Project Coordinator, InfoDevelopers Pvt. Ltd.

The strong academic foundation I gained here has been the backbone of my success.

ALUMNI **REMARKS**

Ashish Gautam
2068 Batch, CSIT
Sr. System Engineer, Hamro Patro

The root of my strong academic foundation is based on academic environment of Texas college during my study of BSc.(CSIT)

Mahesh Malla
2069 Batch, CSIT
QA Engineer, Deerwalk Services

Texas International College, the place where I got to recognize the real me and achieve a clear vision towards my future.

Rojina K.C.
2070 Batch, CSIT
Senior Anroid App Developer, Prologic Solution

Through professional association of Texas with IT industry I'm greatly enhanced to grow myself in career path.

Deependra Karki
2071 Batch, CSIT
Full-Stack Developer, Subidha Tech

Texas College an institute which is always trying to nurture and nourish individuals in every aspect of the IT industry.

Surya Bista
2072 Batch, CSIT
Software Engineer, Outcode LLC

Texas international college is like boon in my life...Due to the training programs and workshops, I was able to get internship and succesful job placement in companies.

Arjun Gautam
2074 Batch, CSIT
Socail Media Specialist, Delmi Training Instute Vaughan, Canada

Academic leadership and supportive management are keys in Texas to open our path of success.

Apurba Rajyashree Thapa
2075 Batch, CSIT
Java Developer, InfoDeveloper Pvt. Ltd

Supportive faculties and their encouragement will definitely lead my life to success.

Ayush Jung Basnet
2075 Batch, BCA
software engineer, VeriSK Nepal

Industry exposure and motivation to career are priorities in Texas : My perceptions.

RESEARCH LEARNING AND **DEVELOPMENT (RLD)**

RESEARCH

- Research & Inovation Lab
- Case Center
- Faculty/Student Research
- Academia Industry Research
- National & International Conference

LEARNING & DEVELOPMENT

- Designing Course Module
- Professional Certification Program
- Faculty Development Program
- Learning Platform
- Academia Industry Leading Program

TEXAS BUSINESS INCUBATION CENTER (TBIC)

- Incubation and Inovation Platform
- Entrepreneurship Course Module
- Startup - Scaleup Program
- Seed Fund
- Mentoring & Startup Fest
- Tech Accelerator Program

STUDENTS' **START UP**

Baibhav Basnet
Milo Logic Pvt. Ltd.
Co-founder/Chief Operating officer

Bijay Chaurasiya
Chitrabazar Pvt. Ltd.
Co- Founder, CTO

Kishor Upadhyaya
Spydo Genesis Incorporation Pvt. Ltd.
Founder, CEO

Bipin Saud
Mero Destiny
Founder, CEO

ENTREPRENEURSHIP SUPPORT PROGRAM (ESP)

Supported By: University Grants Commission (UGC), Nepal

Dhoka Dhoka Online Mart
Rohan Shrestha, Kushal Kharel, Deeya BK

DOLI
Alisha Bhusal, Anushila Basnet
Sadikshya Katuwal, Samana Budhathoki

Kritya Falgun
Kushal Kharel

Saalik
Saugat Shrestha, Ritik Dhakal

Xpert Link
Suman Bisunkhe, Saurab Budhathoki

Business Development Plan (BDP) Awardees

JOB
OPPORTUNITIES

CAREER
OPTIONS

JOB OPPORTUNITIES	CAREER OPTIONS
Software Developer	Software Engineer
Web Developer	Data Analyst / Data Scientist
Mobile App Developer	Cybersecurity Specialist
Database Administrator (DBA)	Cloud Engineer
IT Support Specialist	AI / Machine Learning Engineer
System/Network Administrator	DevOps Engineer
UI/UX Designer	Full Stack Developer
Quality Assurance (QA) Tester	Project Manager (IT)
Digital Marketer (with Tech Skills)	Entrepreneur / Startup Founder
Front-End and Back-End Developer	IT Lecturer / Trainer / Consultant
Graphic Designer (Tech-Integrated)	Blockchain Developer
SEO/SEM Specialist	Game Developer
Freelance Tech Professional	AR/VR Developer

BSc. CSIT

4 YEARS, 8 SEMESTERS, 126 CREDITS

The Bachelor of Science in Computer Science and Information Technology (B.Sc. CSIT) program is a 4-year, 8-semester course affiliated to Tribhuvan University, designed for students with the science background. The program blends core areas of computer science and information technology, offering strong theoretical knowledge and hands-on practical skills. Students learn programming, software development, networking, data structures, algorithms, system design, hardware, and emerging technologies. The curriculum covers a total of 126 credit hours, including elective courses tailored to meet current industry demands - preparing graduates for advanced tech careers, innovation, and leadership in the fast-growing IT industry.

ELIGIBILITY FOR ADMISSION

Students must have completed +2 or equivalent in science stream and passed the entrance examination conducted by Tribhuvan University.

Note: Students from Biology and Mathematics groups are eligible for the admission.

CURRICULUM

CSIT COURSES

Computer Science (core course)	– 78 credits
Natural Course	– 3 credits
Mathematics Course	– 12 credits
English Course	– 3 credits
Social Science & Management	– 6 credits
Elective Course	– 15 credits
Internship/Project	– 9 credits
Total Credits	**– 126 credits**

BSc(CSIT) SYLLABUS

1ST SEMESTER

SN	Course Title	Credits
1	Introduction to Information Technology	3
2	C Programming	3
3	Digital Logic	3
4	Mathematics I	3
5	Physics	3
Total		**15**

2ND SEMESTER

SN	Course Title	Credits
1	Discrete Structure	3
2	Object Oriented Programming	3
3	Microprocessor	3
4	Mathematics II	3
5	Statistics I	3
Total		**15**

3RD SEMESTER

SN	Course Title	Credits
1	Data Structure and Algorithm	3
2	Numerical Method	3
3	Computer Architecture	3
4	Computer Graphics	3
5	Statistics II	3
Total		**15**

4TH SEMESTER

SN	Course Title	Credits
1	Theory of Computation	3
2	Computer Networks	3
3	Operating System	3
4	Database Management System	3
5	Artificial Intelligence	3
Total		**15**

5TH SEMESTER

SN	Course Title	Credits
1	Design and Analysis of Algorithms	3
2	System Analysis & Design	3
3	Cryptography	3
4	Simulation and Modeling	3
5	Web Technology	3
6	Elective I	3
Total		**18**

6TH SEMESTER

SN	Course Title	Credits
1	Software Engineering	3
2	Compiler Design and Construction	3
3	E-Governance	3
4	NET Centric Computing	3
5	Technical Writing	3
6	Elective II	3
Total		**18**

7TH SEMESTER

SN	Course Title	Credits
1	Advanced Java Programming	3
2	Data Warehousing and Data Mining	3
3	Principles of Management	3
4	Project Work	3
5	Elective III	3
Total		**15**

8TH SEMESTER

SN	Course Title	Credits
1	Advanced Database	3
2	Internship	6
3	Elective IV	3
4	Elective V	3
Total		**15**

TOTAL CREDITS IN 4 YEARS : 126

BCA

4 YEARS, 8 SEMESTERS, 126 CREDITS

Bachelor of Arts in Computer Application (BCA) is a 4-year undergraduate degree under Tribhuvan University designed to produce high quality computer application users and developers. The BCA program provides students with strong foundations in computer applications, programming, networking, web development, and database management. It is ideal for students who want to build a career in IT with a focus on practical skills, real-world projects, and industry-ready training from day one.

ELIGIBILITY FOR ADMISSION

Students must have completed +2 or equivalent in any discipline and passed the entrance examination conducted by Tribhuvan University.

CURRICULUM

BCA COURSES

Computer Application (Core Courses)	- 71 credits
Elective Courses	- 12 credits
Mathematics & Statistics Courses	- 9 credits
Language Courses	- 6 credits
Social Sciences & Management Courses	- 15 credits
Project & Internships	- 13 credits
Total Credits	**- 126 credits**

BCA SYLLABUS

1ST SEMESTER

SN	Course Title	Credits
1	Computer Fundamentals & Applications	4
2	Society and Technology	3
3	English I	3
4	Mathematics I	3
5	Digital Logic	3
Total		**16**

2ND SEMESTER

SN	Course Title	Credits
1	C Programming	4
2	Financial Accounting	3
3	English II	3
4	Mathematics II	3
5	Microprocessor & Computer Architecture	3
Total		**16**

3RD SEMESTER

SN	Course Title	Credits
1	Data Structures and Algorithms	3
2	Probability and Statistics	3
3	System Analysis and Design	3
4	OOP in Java	3
5	Web Technology	3
Total		**15**

4TH SEMESTER

SN	Course Title	Credits
1	Operating System	3
2	Numerical Methods	3
3	Software Engineering	3
4	Scripting Language	3
5	Database Management System	3
6	Project I	2
Total		**17**

5TH SEMESTER

SN	Course Title	Credits
1	MIS and E-Business	3
2	DotNet Technology	3
3	Computer Networking	3
4	Introduction to Management	3
5	Computer Graphics and Animation	3
Total		**15**

6TH SEMESTER

SN	Course Title	Credits
1	Mobile Programming	3
2	Distributed System	3
3	Applied Economics	3
4	Advanced Java Programming	3
5	Network Programming	3
5	Project II	2
Total		**17**

7TH SEMESTER

SN	Course Title	Credits
1	Cyber Law & Professional Ethics	3
2	Cloud Computing	3
3	Internships	3
4	Elective I	3
5	Elective II	3
Total		**15**

8TH SEMESTER

SN	Course Title	Credits
1	Operations Research	3
2	Project III	6
3	Elective III	3
4	Elective IV	3
Total		**15**

TOTAL CREDITS IN 4 YEARS : 126

STUDENTS' **REMARKS**

Sudip Dahal
2080 Batch, CSIT

Classes are interactive and encourage student participation.

Dipesh Sunar
2079 Batch, CSIT

Students gain real-world experience through internships.

Prashamsa Thapa
2081 Batch, CSIT

The college environment is clean, safe, and welcoming to all students.

Tilak Karki
2079 Batch (BCA)

Science exhibitions encourage innovation and creativity.

Manyata Luitel
2081 Batch, BCA

Training sessions are conducted by industry professionals.

Prabina Rai
2080 Batch, BCA

Classrooms are equipped with modern teaching aids.

Alisha Bhusal
2080 Batch, CSIT

Students receive guidance for both academic and personal growth.

Sukhad Raila
2081 Batch, CSIT

Classes are interactive and encourage student participation.

Lizan Shrestha
2080 Batch, BCA

Annual sports meet promotes team spirit.

Shiksha Shiwakoti
2079 Batch, BCA

Field visits connect classroom learning to the real world.

Eurika KC
2079 Batch, CSIT

Teachers explain concepts clearly and with real-life examples.

Sahaj Khadka
2081 Batch, BCA

All systems have updated hardware and software in the computer lab.

IT EXPOSURE TO TEXAS STUDENTS:
FOUNDATION FOR CAREER

Yadab Pokhrel

CEO, Aussie IT Group, Australia

Anjani Phuyal

Global CTO, Genese Solutions

Umesh Raghubanshi

Board of Director, Info Developers Pvt. Ltd.

Sovit Sharma

Head - Operations (Digital Payments), NCHL

Sunil Kumar Shrestha

Former IT Directorate Chief, Nepal Police

Arjun KC

Managing Director, Taximandu

Chiranjibi Adhikari

Managing Director, One Cover Neapl Pvt. Ltd.

CYBERSECURITY RESEARCHER
Acknowledged By:

NASA · Meta · Stanford University · Panasonic · GEA · THALES · process.st · CODE · Cloudinary

Featured in:

RONB · TechPana
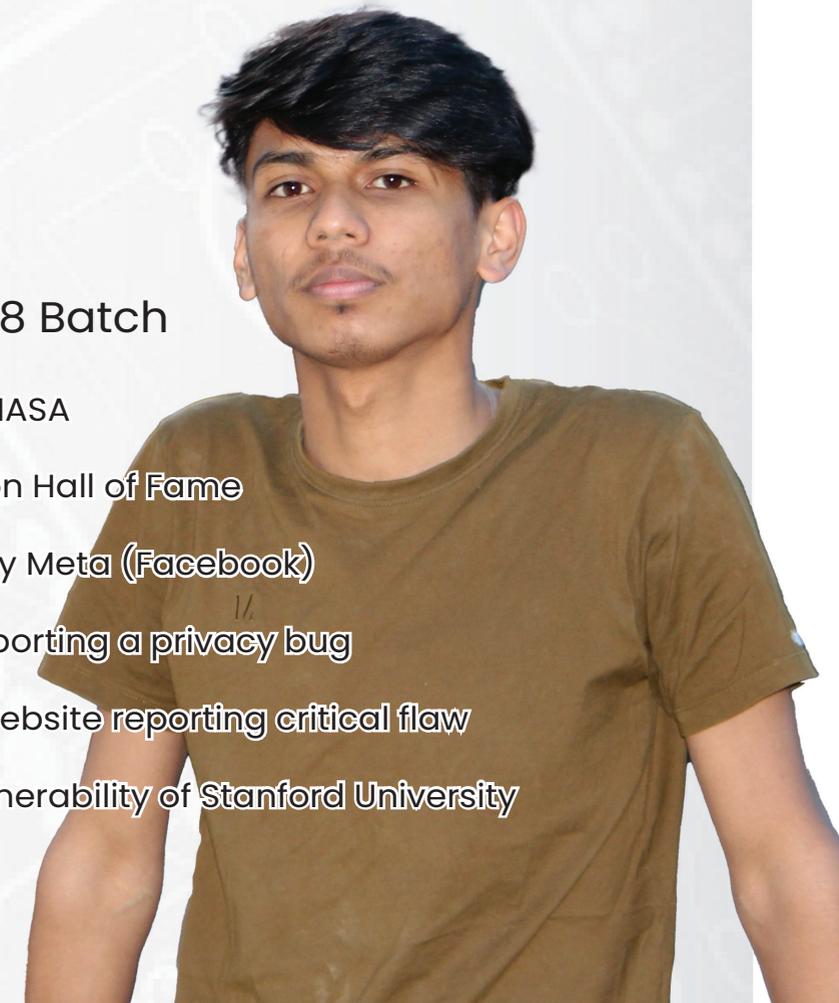
Mr. Bipin Saud, CSIT 2078 Batch

- Identified the vulnerability of NASA
- Featured in the European Union Hall of Fame
- Featured in the Hall of Fame by Meta (Facebook)
- $1000 award from Meta for reporting a privacy bug
- Secured Dutch Government website reporting critical flaw
- Secured medium-severity vulnerability of Stanford University
- . . . and many more !!

PROFESSIONAL COURSES

1. Software & Web Development
- Full Stack Web Development (HTML, CSS, JavaScript, React, Node.js, PHP, Laravel)
- Software Development (Java, PHP, Python, Swift, DevOps)
- Mobile App Development (Android – Java/Kotlin, iOS – Swift, Flutter)

2. Data Science, AI & Robotics
- Big Data & Data Science using R & Python
- Machine Learning & AI Fundamentals
- Data Visualization with Power BI
- AI, IoT, and Robotics

3. Cloud & DevOps
- Cloud Computing with AWS & Google Cloud
- AWS Certified Advanced Networking Specialty
- Certified Cloud Security Professional (CCSP)
- DevOps (CI/CD, Git, GitHub, Docker basics)

4. Cybersecurity & Networking
- Ethical Hacking & Cybersecurity Basics
- Fortinet Network Security Expert (NSE)
- Cisco Certifications:
  - Cisco Certified Network Associate (CCNA)
  - Cisco Certified Network Professional (CCNP)
  - Cisco Certified Internetwork Expert (CCIE)
- Networking Basics & Certified Ethical Hacker (CEH)
- VMware Certified Professional – Network Virtualization (VCPNV)
- Certified Information Security Manager (CISM)
- Certified Information Systems Auditor (CISA)

PROFESSIONAL COURSES

5. Database & System Management
- Database Management Systems (DBMS): MySQL, PostgreSQL, MongoDB
- Database Design & SQL
- System Administration Basics

6. Digital & Strategic Skills
- Digital Marketing & SEO
- Design Thinking & Strategic Communication
- Leadership & LinkedIn Mastery
- Stock Trading Techniques

7. Professional Tools & Skills
- UI/UX Design (Figma, Adobe XD, Photoshop)
- Project Management (Agile, SCRUM, Kanban)
- Tally with Accounting Concepts
- Professional Communication & Presentation
- CV Writing & Interview Preparation Workshops

INDUSTRY COLLABORATORS

Verisk

Code Himalaya

cod</avatar>

iB

mSoft International Pvt.Ltd.

MTS Group

ICT FRAME

npCert

neema academy

हाम्रो पात्रो

Chitrabazaar

DURSIKSHYA
Transforming Education

Centre for Cyber Security Research and Innovation

LOGPOINT

YenyaSoft Pvt. Ltd.

nepal can move

Info Developers

JOBS SNIPER.COM

leapfrog

Nexa Academy

OMEGA INC.

GLOBAL PARTNERS

FOURTH VALLEY CONCIERGE
GLOBAL CONCIERGE SERVICE

CertiProf
Professional Knowledge

ADAMAS UNIVERSITY

SHARDA UNIVERSITY
Beyond Boundaries

aws academy

RED HAT ACADEMY

Kaspersky Academy

FORTINET

EC-COUNCIL | ACADEMIA
PARTNER

CISCO Networking Academy

ASPNET Community

ENTREPRENEURSHIP SUPPORT PROGRAM AWARDEE
Acknowledged By: University Grants Commission (UGC) Nepal

Texas Business Incubation Center (TBIC), under the Research Learning and Development Department, proudly congratulates Mr. Saugat Shrestha for securing a Seed Fund of NPR 14,90,000 from the University Grants Commission (UGC) Nepal under the Entrepreneurship Support Program (ESP).

His innovative business venture, Saalik, has been recognized for its exceptional vision and potential, serving as an inspiration for aspiring entrepreneurs.

We commend his remarkable achievement and extend our best wishes for his continued success in his entrepreneurial journey.

विश्वविद्यालय अनुदान आयोग
University Grants Commission

Mr. Saugat Shrestha, BCA 2080 Batch

- Idea - Saalik

- Supported by Texas Business Incubation Center

- Rs. 14,90,000/- Seed Fund from UGC

TEXAS **ARCHIVE**

TEXAS **ARCHIVE**