



NEW SUMMIT College

**B.Sc.
CSIT**

BCA

BBM

BBS



TU Affiliated

For Love and Light



About NEW SUMMIT College:

Established in 2064 B.S. by a team of visionary professionals in the field of Nepalese academia, NEW SUMMIT College (NSC) has created a landmark as one of the best private colleges in Kathmandu, specializing in Management, Science and Information Technology streams of studies. So, NSC offers various TU affiliated programs including B.Sc. CSIT, BCA and BBM.

NSC envisions that up-to-date knowledge and technology are two of the most indispensable assets every student must possess to be successful in the ever-changing IT and Business environment. Keeping these aspects in the core, the college strives to enrich the students with the latest and most up-to-date values, cutting-edge knowledge, and skills in Science, Management and Information Technology, so that they are always leaders in life and competitive in job market.

To be related to its vision, NSC has always prioritized in the recruitment of dedicated and qualified faculty members who are able to lead the students to success in all walks of their life. Therefore, soft skills like the leadership, team-work, communication, critical thinking, positive attitude, innovative and problem-solving skills, work ethic, technical flexibility or adaptability and interpersonal skills have always been focused by the expert faculty of the college so that they not only accumulate knowledge in heads, but also become able to apply them into practical life. This evidence stands the college as student-centric and drives it apart

from others in teaching and learning activities, thereby always prioritizing academic professionalism and research-based professional learning among the students.

These careful initiatives taken by the college unanimously draw attention to its endeavor towards the quality higher education that provides all learners with the abilities they need to become proactive and economically productive. Furthermore, it is also important that higher education should be accessible and affordable for everyone. Consequently, NSC gives equal opportunity to its students to make their dreams come true by empowering their minds and hearts irrespective of their economic and ethnic background. In this way, NSC is committed to attracting avid students from all backgrounds.

NSC backs the students' urges to invent, create, explore and imagine which will

allow them to express themselves and become accomplished and confident. The college also emphasises on social services and social responsibilities since its inception. Its constant involvement in a wide variety of projects and research works provides its students with ample exposure to practically take part in them on a regular basis. It is true that forced mental feeding and torturous lessons cannot help ignite imagination and intelligence nor can they kindle a strong motivation. So, education here revolves more around encouraging and inspiring students to awaken their desires to learn. Here, learning meets thinking and passion meets purpose to make them ready for tomorrow. As a result, NSC has been a favorite college for the students for their personal and professional growth in Information Technology, Computer Science and Management so as to mold its products to become job creators, not job seekers.



MESSAGE FROM THE Principal

DEAR STUDENTS,

Thank you for your interest in NEW SUMMIT College for your further study after secondary education. It is indeed a matter of delight to convey that the New Summit College has proved its worth as one of the leading institutions of Nepal for BSc. CSIT, BCA, BBM and BBS programs affiliated to T.U., gaining perennial trust from the students and guardians from every part of the nation.

New Summit College has earned high regards for its pedagogical features enhanced in the classroom teaching supported by smart educational systems, shared commitment between dedicated teachers, motivated students and enthusiastic parents with higher expectations. Today, the role of college is not only to pursue academic excellence but also to motivate and empower students to be life-long learners, critical and creative thinkers and productive members of an ever-changing global society. Therefore, our college focuses on sufficient elective and extra elective subjects to the students as per needs of national and international markets. We have highly experienced IT experts, who have been serving in this esteemed institution since the beginning. We also do have our academic and employment collaboration with different institutions, corporate houses and MOU with companies such as Microsoft Innovation Center to expand the horizon of expertise of our IT students.

At our college, we convince students to learn through regular seminars, workshops, presentations, case studies, project works, discussions, etc. The talents, skills and acumen of each student is identified, nurtured and encouraged so as to reach greater heights by turning into a combination of classroom study, research and scientific discovery in the global context. Education at our college, thus, revolves more around encouraging and inspiring the students to awaken their curiosity and their desire to learn. We also engage them in a wide range of co-curricular and extra-curricular activities, Tech and Sporting events where



students have been change-makers. Even during the pandemic (covid-19), all the activities of college are going on smoothly, either by virtually or physically, by following all the safety protocols.

The college also encourages students to build professional network and nurture their talents in the industry and community. We have well-equipped incubation centers at our college, which are suitable platforms for students to develop themselves. Incubation centers even provide temporary placement opportunities for deserving students. We help students grow with right facilities in right ways. Not only this, our college is in the process of QAA, which ties everyone and everything in organized system and run with visions, different plans, well equipped facilities etc. We also have the facilities of EMIS where every record of the students and staffs can be kept and accessed through online medium and can get history of all students and staffs.

Learning at this college is the life-time opportunity. We are committed to provide them every skills and opportunities so that they can contribute with difference wherever they reach for their professional exposures. We believe that the teamwork skills they have obtained from the college will obviously become a memorable asset

for them in their career.

As the principal, my primary concern will be about the standard of the colleges and welfare of the students. We always operate from the paradigm that there is dignity in every home, in every parent and in every student and seek to maintain and optimize that dignity. The whole team is committed to making our college national exemplar in the field of Management, Humanities and Social Sciences and Information Technology. With full confidence, I assure you that we will put all our efforts in place to take you to your destination by turning your ideas into results.

I, therefore, encourage students and parents to take a tour to know more of its rationale behind launching college as an exclusive center for Bachelor and its prospects that must reward you with.

Thank you, all valuable scholarly members, for your co-operation and ongoing support!

Mr. Chokraj Dawadi
Principal

Vision, Mission, Values and Goals



VISION

Become an excellent educational institution in Nepal in the fields of IT, Management, Science and Social Sciences in order to provide quality education for socio-economic transformation.



MISSION

- Provide affordable quality education, while equipping students with knowledge skills and values in their chosen programs.
- Develop future leaders, scientists, managers, entrepreneurs, IT developers and technical experts through innovative, creative, value-based and research-oriented teaching-learning activities.
- Instill a sense of social responsibility in the mind of new generation through social services.
- Empower students' hearts and mind to prepare a successful workforce and job creators.



GOALS

- Goal 1:** Known as a college of academic excellence in teaching-learning and extra-curricular activities in the fields of Management and IT.
- Goal 2:** Structurally support and value collaboration, research, interdisciplinarity and curricular flexibility.
- Goal 3:** Become a model for student success, engagement and well-being by helping students develop their potentials.
- Goal 4:** Increase enrollment and student retention and job placement.
- Goal 5:** Enhance infrastructure to meet the needs of the college and workforce development.



CORE VALUES

Student Success: The college provides every student with various opportunities to excel.

- Optimize student support
- Develop efficient and innovative processes that promote retention and learning.
- Assist in recruitment and retention of high-quality faculty, staff and student.
- Provide with technological mechanism as needed.

Service: The college's purpose is to benefit our students and society through knowledge, and social services

- Provide exemplary customer services.
- Create an atmosphere which allows for employee growth.
- Promote financial sustainability, expand revenue sources and promote cost saving measure.

Innovation: The college consistently seek a better way by embracing challenges

- Enhance administrative structure that supports research activities
- Develop strategies that allow collaboration
- Diversity and Inclusion:**
- Everyone is respected, included and given the opportunity to excel.
- A culture that promotes diversity and inclusion is built.
- Accountability:** Integrity, transparency, excellence and the highest standards govern everything we do.
- Promote transparency and efficiency in all processes and procedures in the college and outside.
- Promote excellence in all processes and procedures to provide quality services.

Collaboration: The college seeks partnerships both within and beyond the college to enhance its actions and outcomes.

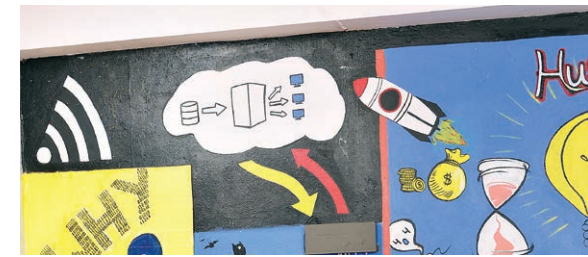
- Promote employee participation in community, college units and different organizations.
- Maximize opportunities offered through local, regional and international professional organizations.





BSc.CSIT

(Bachelor of Science in Computer Science and Information Technology) Program-TU



The Bachelor of Science in Computer Science and Information Technology (BSc.CSIT), is a 4-year/8-semester course, designed to provide the students with all sorts of knowledge and skills in the fields of Information Technology and Computing. The program involves, in addition to conventional lectures, a great deal of practical and project works, and develops the underlying principles of both Computer Science and Information Technology and shows how these principles can be applied to real world problems. It fosters the skills that are essential for both computer professionals and IT specialists. The design and implementation of BSc.CSIT course offers new challenges when compared to the traditional computing environment. The recent emergence of global business, new technologies for data processing and data communication / networking environment, equip specialized science graduates to focus on professional careers in Information Technology. The BSc.CSIT program provides the students with adequate theoretical and practical knowledge which will enable students to effectively participate in solving the complex problem of the IT industry.

Mission:

The mission of the BSc. CSIT course is to prepare the students to pursue career advancement in the field of information technology. At the completion of this degree, a student will be able to design the real world e-media products or create technical solutions to hardware and software problems, depending on the chosen area of specialization and electives.

However, the main aims of the BSc. CSIT program are as follows:

- Offering intensive knowledge in the theory, design, programming and application of computers.
- Providing an in-depth understanding of and experience with computer systems.
- Developing creative and analytical skills that provides a basis for technological problem-solving.
- Equipping students with the technical knowledge required for an IT professionals to handle multi-tasking situations and to assess and develop computer based solutions.
- Imparting knowledge of computer and programming logic environment in IT.
- Giving knowledge of advanced IT applications in different business sectors.
- Equipping students with the technical knowledge required for an IT professional to handle multi-tasking and multi programming situations and to assess and develop computer based solutions.
- Providing necessary knowledge in the field of functional knowledge of hardware system and the necessary knowledge of computer software system.



Job Prospectives:

The BSc.CSIT graduates have a prosperous career opportunity at different governmental, nongovernmental, private and public organizations, like software companies, telecommunications, Computer networking companies etc. especially as a:

- Software Developer
- Web Developer
- Network Administrator
- Database Administrator
- IT Manager/Officer
- Cryptographer
- Ergonomics Program Designer
- System Analyst
- Project Manager
- Document Specialist
- Information System Auditor
- Artificial Intelligence Specialist
- Technical Writer
- Information System Manager
- Database Operator
- GIS Operators

List of Electives:

1. Advanced Networking with IPV6 (CSC463)
2. Distributed Networking (CSC464)
3. Game Technology (CSC465)
4. Distributed and Object Oriented Database (CSC466)
5. Introduction to Cloud Computing (CSC467)
6. Geographical Information System (CSC468)
7. Decision Support System and Expert System (CSC469)
8. Mobile Application Development (CSC470)
9. Real Time Systems (CSC471)
10. Network and System Administration (CSC472)
11. Embedded Systems Programming (CSC473)
12. International Business Management (MGT474)

Course Cycle

Course Code	Course Title	Credit Hours	Full Marks
CSC109	Introduction to Information Technology	3	100
CSC110	C Programming	3	100
CSC111	Digital Logic	3	100
MTH112	Mathematics I	3	100
PHY113	Physics	3	100
TOTAL		15	500
Semester II			
CSC160	Discrete Structure	3	100
CSC161	Object Oriented Programming	3	100
CSC162	Microprocessor	3	100
MTH163	Mathematics	3	100
STA164	Statistics	3	100
TOTAL		15	500
Semester III			
CSC206	Data Structure and Algorithms	3	100
CSC207	Numerical Method	3	100
CSC208	Computer Architecture	3	100
CSC209	Computer Graphics	3	100
STA210	Statistics II	3	100
TOTAL		15	500
Semester IV			
CSC257	Theory of Computation	3	100
CSC258	Computer Networks	3	100
CSC259	Operating Systems	3	100
CSC260	Database Management System	3	100
CSC261	Artificial Intelligence	3	100
TOTAL		15	500
Semester V			
CSC314	Design and Analysis of Algorithms	3	100
CSC315	System Analysis and Design	3	100
CSC316	Cryptography	3	100
CSC317	Simulation and Modeling	3	100
CSC318	Web Technology	3	100
	Elective I	3	100
TOTAL		18	600
Semester VI			
CSC364	Software Engineering	3	100
CSC365	Compiler Design and Construction	3	100
CSC366	E-Governance	3	100
CSC367	NET Centric Computing	3	100
CSC368	Technical Writing	3	100
	Elective II	3	100
TOTAL		18	600
Semester VII			
CSC409	Advanced Java Programming	3	100
CSC410	Data Warehousing and Data Mining	3	100
MGT411	Principles of Management	3	100
CSC412	Project Work	3	100
	Elective III	3	100
TOTAL		15	500
Semester VIII			
CSC461	Advanced Database	3	100
CSC462	Internship	6	200
	Elective IV	3	100
	Elective V	3	100
TOTAL		15	500

BBM

(Bachelor of Business Management) Program-TU

NEW SUMMIT College also runs Bachelor of Business Management (BBM) Program, which is a 4-year/ 8- semester course. It covers 120 credit hours in 4 years. It is designed for aspiring business leaders and managers who want to be equipped with the necessary knowledge, skills, value and self-confidence to assist in effective and successful management in the constantly changing and highly competitive national and global business environment.

The main objectives of this program are:

- To develop students’ skills in creative and critical thinking, decision-making, leadership, communicative and gain understanding of operations and changes;
- To enhance students’ understanding of entrepreneurship and innovation, and effective management of business operation in a dynamic business environment.
- To prepare students for professional life to work as business manager and entrepreneur.

Vision:

To establish and develop such an academic center where the blend of Science, Management and Humanities stands as bed rock in pursuit of nation building.

Mission:

- To build a legacy of excellence by providing theoretical and practical education;
- To develop future scientists, managers and entrepreneurs through innovative, creative and value based academic practices;
- To initiate sense of social responsibility in the mind of new generation through the activities of Corporate Social Responsibility (CSR) and
- To produce skillful human resources in the area of productive and professional jobs.



Course Cycle

SEMESTER I			
Course Code	Course Title	Credit Hours	Full Marks
ECO211	Introductory Microeconomics	3	100
ENG211	English I	3	100
MGT201	Principles of Management	3	100
MTH211	Business Mathematics I	3	100
SOC201	Sociology for Business	3	100
TOTAL		15	500
SEMESTER II			
ACC201	Financial Accounting	3	100
ECO212	Introductory Macroeconomics	3	100
ENG212	English II	3	100
MTH212	Business Mathematics II	3	100
PSY201	Psychology	3	100
TOTAL		15	500
SEMESTER III			
ACC211	Computer Based Financial Accounting	3	100
ENG213	Business Communication	3	100
FIN211	Basic Finance	3	100
SOC202	Nepalese Society and Politics	3	100
STT211	Business Statistics	3	100
TOTAL		15	500
SEMESTER IV			
ACC212	Accounting for Decision Making	3	100
FIN212	Financial Management	3	100
MGT202	Human Resource Management	3	100
MKT201	Fundamentals of Marketing	3	100
RCH201	Business Research Methods	3	100
TOTAL		15	500
SEMESTER V			
ACC213	Corporate Taxation in Nepal Focus Area Course	3	100
MGT203	Organizational Behavior	3	100
MGT205	Operations Management	3	100
MGT214	Legal Environment of Business	3	100
Focus Area I		3	100
TOTAL		15	500
SEMESTER VI			
IT212	Database Management	3	100
MGT206	Business Environment in Nepal	3	100
MGT207	International Business	3	100
MGT209	Business Ethics and Social Responsibility	3	100
Focus Area I		3	100
TOTAL		15	500
SEMESTER VII			
IT211	E-Commerce	3	100
MGT208	Business Strategy	3	100
Elective Course I		3	100
Focus Area Course III		3	100
Focus Area Course IV		3	100
TOTAL		15	500
SEMESTER VIII			
Elective Course II		3	100
Elective Course III		3	100
Focus Area Course V		3	100
Project Report Writing or Internship		6	100
TOTAL		15	500



BCA

(Bachelor of Computer Application)
Program-TU

Bachelor of Computer Application (BCA) is a next highly demanded program run by NEW SUMMIT College. It is a 4-year/8-semester program, affiliated to Tribhuvan University, Faculty of Humanities and Social Sciences. It covers 126 credit hours in 4 years.

The Objective of this program is to produce high quality computer application users and developers.

This having wide range of knowledge in the technical field. Students learn to solve computer based problems of different types of business and industries.



Objectives of the Program

The BCA program is designed to impart both theoretical and practical knowledge of computing. On completion of the program, the students will be able to:

- Demonstrate professional competence in developing software and in the design and implementation of complex computer systems and information systems.
- Demonstrate a substantial understanding of concepts in key areas of computer applications.
- Carry out required analysis and synthesis involved in computer systems, information systems, and computing applications.
- Demonstrate sound practical skills to address problems, which arise from computing systems and applications.

Job Opportunity/Prospect:

The BCA graduates can have the following positions:

- Software Developer/Architect,
- Web Designer/Developer,
- Network Administrator,
- System Manager/Analysist,
- Computer Programmer,
- Game Developer,
- App Developer,
- Digital Marketer,
- IT Analyst
- Cyber Security Expert
- Data Scientist, and many more...

Grading point System:

Students from +2/or equivalent degree in any discipline/faculty/ program/ stream with CGPA CTC grade in all subjects, are eligible to get admission to BCA program.

This IT sector is one of the major employment fields. After successful completion of BCA degree, they can join various local and international companies, organizations, NGOs/INGOs, and Government offices, and they can also join MCA (Master of Computer Application) Degree for further education.



Course Cycle

FIRST SEMESTER

SN	Course Code	Course Title	Credit Hrs.	Lecture Hrs.	Tutorial Hrs.	Lab Hrs.
1	CACS101	Computer Fundamental & Application	4	4	-	4
2	CASO102	Society & Technology	3	3	-	-
3	CAEN103	English I	3	3	1	-
4	CAMT104	Mathematics I	3	3	1	1
5	CACS105	Digital Logic	3	3	-	2
TOTAL			16	16	2	7

SECOND SEMESTER

Tutorial Hrs.		Lab Hrs.				
1	CACS151	C Programming	4	4	1	3
2	CAAC152	Financial Accounting	3	3	1	1
3	CAEN153	English II	3	3	1	-
4	CAMT154	Mathematics II	3	3	1	1
5	CACS155	Microprocessor and Computer Architecture	3	3	1	2
TOTAL			16	16	5	7

THIRD SEMESTER

Tutorial Hrs.		Lab Hrs.				
1	CACS201	Data Structure & Algorithms	3	3	-	3
2	CAST202	Probability and Statistics	3	3	1	1
3	CACS203	System Analysis and Design	3	3	1	-
4	CACS204	OOP in Java	3	3	1	2
5	CACS205	Web Technology	3	3	-	3
TOTAL			15	15	3	9

FOURTH SEMESTER

1 CACS251	Operating System	3	3	1	2
2 CACS252	Numerical Methods	3	3	1	2
3 CACS253	Software Engineering	3	3	1	-
4 CACS254	Scripting Language	3	3	-	3
5 CACS255	Database Management System	3	3	1	2
6 CAPJ256	Project I	2	-	-	4
TOTAL		17	15	4	17

FIFTH SEMESTER

1 CACS301	MIS and e-Business	3	3	-	2
2 CACS302	DotNet Technology	3	3	-	3
3 CACS303	Computer Networking	3	3	-	2
4 CAMG304	Introduction to Management	3	3	1	-
5 CACS305	Computer Graphics & Animation	3	3	1	2
TOTAL		15	15	2	9

SIXTH SEMESTER

1 CACS351	Mobile Programming	3	3	-	3
2 CACS352	Distributed System	3	3	1	-
3 CAEC353	Applied Economics	3	3	1	-
4 CACS354	Advance Java Programming	3	3	-	3
5 CACS355	Network Programming	3	3	-	2
6 CAPJ356	Project II	2	-	-	4
TOTAL		17	-	152	12

SEVENTH SEMESTER

1 CACS401	Cyber Law & Professional Ethics	3	3	1	-
2 CACS402	Cloud Computing	3	3	-	3
3 CAIN403	Internships	3	-	-	-
4	Elective I	3	3	-	-
5	Elective II	3	3	-	-
TOTAL		15	12	1	3

EIGHTH SEMESTER

1 CAOR451	Operation Research	3	3	1	-
2 CAPJ452	Project III	6	-	-	12
3	Elective III	3	3	-	-
4	Elective IV	3	3	-	-
TOTAL		15	9	-	-

LIST OF ELECTIVE

1 CAPS476	Applied Psychology	6	CACS482	Knowledge Engineering
2 CACS477	Geographical Information System	7	CACS483	Advance DoNet Technology
3 CACS478	IT in Banking	8	CACS484	Database Programming
4 CACS479	Hotel Information System	9	CACS485	Database Administration
5 CAER480	Enterprise Resource Planning	10	CACS486	Network Administration

About “TechTrix 2019/2076”



Introduction

TechTrix is an information and technology fair/event, organized by Society of Information Technology Students (SITS) of NEW SUMMIT College. The event connects hundreds of programmers, developers, designers, innovators, learners and enthusiasts, mainly from the IT industry. The First edition of TechTrix was conducted in 2018/2075 on the premises of NEW SUMMIT College, Shantianagar, Kathmandu, Nepal.

We had wrapped up TechTrix 2018/2075 with immense success and popularity for having brought thousands of likeminded individuals of the technological industries together with enthusiasm. This overwhelming attraction in the tech community has inspired us to organize such event in the days to come, too on regular bases.

The TechTrix 2019/2076 which was organized this year, also provided multidirectional event that involved pre-events like workshops, talk shows, career fests etc and includes other equally productive programs, related to IT and Computer Science. Therefore, these pre-events were organized for more than 2 months in advance. The pre-events aimed at building up a medium to attract thousands of attendees and visitors for the main event.

How TechTrix can contribute to CSIT and BCA Students:

There are 50+ CSIT and BCA Colleges, in Nepal, affiliated to Tribhuvan University, Kathmandu, Nepal. One of them is NEW SUMMIT College which emerged with a concept of “TechTrix in 2018/2075”, which has since then changed the entire landscape so as to provide a suitable platform to

unleash participants’ explanatory vision, explore innovative ideas, foster creative thinking, develop confidence and enhance personality in the related fields. Here they can apply their thought-provoking ideas and insights and share and learn valuable knowledge, skills from leading global academics and management practitioners/entrepreneurs.

It is quite interesting that lots of institutions have since then followed our footsteps and organized similar programs on their premises. This is, in a way, becoming an excellent trend and a huge positive step in Nepal. The TechTrix 2019/2076 must have once again helped cultivate various skills in program management, programming, designing, and leadership and communication among the students.

Goals and Objectives

The main thrust of organizing TechTrix 2019/2076 event was to streamline to empower students as well as engage colleges and companies bringing them together on a suitable platform was them inspiring an invigorated. The event is based on the following goals and objectives:

- To defy networking boundaries within tech community
- To establish colleges and companies as authorities
- To provide exposure to tech talents from different colleges
- To introduce students to latest trends and practices of the industry
- To cater companies with an appropriate audience
- To enhance leadership quality in students



Format of Pre-Events

Boot Camps and Workshops:

Before the main event, many pre-events are organized as preparatory sessions for the main event. A lot of efforts and hard works will have to be put on bootcamps in order to ensure that the participants are ready for the big day. The Bootcamps will require pre-registrations by paying certain changer for the participants. We have proposed the following model for bootcamps:for the main event.

S.No	Name of Bootcamp	Duration (days)	Trainers	Participants
1.	Graphic Design Bootcamp	One Week	3 (Done)	30+
2.	Web Design Bootcamp	One Week	3 (Done)	30+
3.	Unity Bootcamp (Game Development)	One Week	3 (Done)	30+
4.	Machine Learning BootCamp	One Wekk	4+	30+
5	React Native Bootcamp (Cross-platform)	One Week	3 (TBD)	30+
6	Business Bootcamp	One Week	3 (TBD)	30+

Talk Show Sessions:

Prolific and well experienced speakers of the IT sectors will be invited to the talk show sessions. To eminent personalities will share their expertise and stories with the young audience. The idea is to allow the audience to really relate and connect with the speakers at a professional level.

Name of Session	Duration (day)	Trainers	Participants
1. Block Chain	1	3 (TBD)	90+
2. Cyber security	1	3 (TBD)	90+
3. Entrepreneurship and Startup	1	3 (TBD)	90+
4.Girls in STEM	1	3 (TBD)	90+

Skills expected to be developed through Tech Trix

- a) Technical skills
- b) Soft Skills
- c) Interpersonal skills
- d) Hard skills
- e) Hybrid skills
- f) Public Speaking skills
- g) Team work skills
- h) Time management skills
- i) leadership skills
- j) Flexibility skills
- k) personal skills
- l) Creative, critical, analytical thinking and problem solving skills
- m) Determination skills
- n) Listening to others skills
- o) Mentoring skills
- p) Negotiation skills
- q) Presentation skills etc
- r) Communication skills etc.

Common Features: Academic Approach

Preparing a student for tomorrow is not an easy task. What skills our students need to survive and succeed in a time that is changing and developing so rapidly? Our teachers' teaching-learning activities that are based on traditional way and which are limited to acquisition of knowledge inside the classroom cannot make our need fulfilled. The complex, energetic and tech-savvy individuals now need to be challenged and inspired in their out of box learning. They want to incorporate the technology, they love into their classroom experience as much as they can. So, they

have just as high a set of expectations of their educators as their educators have of them. Therefore, the academic approaches at NEW SUMMIT College are embodied within the philosophy of collaborative, self-directed and learning by self-initiative. We employ the following instructional strategies along with regular classroom activities.

- Project Works
- Tutorials
- Seminars, Conferences, Discussions
- Presentations
- Internship

- Experiential and Interactive program
- Research Works
- Talk Shows
- Field Visits
- Social Works
- Guess Lectures
- Educational Tour/ Excursions
- Research-Oriented Practices & Real Time Case Studies.
- Out-Reach Orientation and Induction Workshops.
- Video Shows etc



Our Resources and Facilities:

College Building:

The College has got its own three modern buildings with a suitable ground. The entire phenomena's are set into the world class infrastructure and interiors with excellent furnishing decors so as to make it a congenial and conductive learning environment.

Distinguished Team of Faculty

At NEW SUMMIT College, we believe in strengthening capabilities of each student. We, therefore, adopt one-to-one approach/ interaction in our classrooms where each student's queries are addressed sincerely. Our team and faculties reach out to every student for their problems, questions in a supportive inspiring and inclusive environment.

Student-Centered Learning

NEW SUMMIT College has a distinguished team of faculty since their inception. These pools of faculty members have earned years of experiences in various industries, academic institutions within and outside the country. They bring the real world environment, cases and scenarios into the classrooms, which has been an enriching experience for our students.

College Atmosphere

The college is located in a safe and peaceful environment at the heart of Shantinagar, Kathmandu. It is easily reachable for students and guardians. We have state-of-art-infrastructure, spacious classrooms, well equipped labs, and library.

Project Works and Researches

Students at NEW SUMMIT get opportunities from the market as well as from the faculties to engage themselves in various short term and long-term projects. They are assigned to various industrial market researches to fulfill their short term, small market research needs, projects to market their new product launches etc. Similarly, students are assigned to various research topics to contribute to the body of existing knowledge as per the curriculum of the industry. This equips them, we belles with practical knowledge of research tools and techniques, salesmanship, marketing and negotiation techniques and proficient use of MS office packages.

Industry Visits and Educational Excursions

We believe in all-round development of our students. The theoretical knowledge sharing and interaction is not sufficient to broaden their horizons. We, therefore, take our students to various educational excursions and industry visits, where they will get a chance to see how products and services are developed, manufactured and delivered.

Induction Seminars

Students have an opportunity to attend various orientation programs to enable them to have a fun filled, inspiring and smooth transition to college life. They are introduced to our staff and faculties; oriented about college policies, rules and regulations, procedures and resources for their engagement, learning and development.

Mentoring

Each student is given access to a mentor from an industry or from the pool of faculties that we have. These mentors advise them, support them and help them in their education, skill development, career counseling and

placements. We have also formed a student-support cell to look after various needs of the students.

Alumni Cell

NEW SUMMIT College takes pride in its alumni who are spread around the globe. They are students in higher education, professionals in various careers across different Industries. We, therefore, have dedicated teams in the Alumni Cell. The Alumni Cell reaches out to our alumni, updates their profiles, conducts various Get-Together Programs etc. This alumni association supports each other in job placements too, at post-graduate studies, career counseling and important career advice etc.

Auditorium

NEW SUMMIT has a multi-purpose auditorium hall with a capacity of 140 seats at a time. Different club activities, capacity development programs, seminars and workshops make it the most happening and lively space in the colleges.

Cafeteria

A clean, spacious cafeteria offers a variety of hygienic meals at affordable prices at the college. The Cafeteria is open from early morning till evening. It is a popular hub among students for meetings, fun, celebrations etc.

Classroom

All the classrooms are academically amiable and equipped with modern technology as multimedia, internate, wifi etc.

Internet and WiFi

The College make available 24 hrs internet and WiFi services.

E-Library

The College has a well-stocked modern e-library with enough reference books, magazines, newspapers, international Journals and Harvard Business Review, Business Week and other magazines.

Labs

We have modern computer labs for all programs. With the seating capacity of approx. 36 students in each of the 3 labs. The electronic and hardware maintenance facilities are carried out in electronic lab. The college is also well equipped with physics lab.

Clubs/Cells and Societies

A club is an association of students dedicated to particular interest or purpose and activities, who meet regularly and take part in shared activities. So in order to make a meaningful contribution to matters related to students' personal and professional growth, various clubs are formed in the college. Working in clubs, they get opportunities in leadership, social responsibility, citizenship, shared

decision-making, volunteerism, collaboration and student employment etc.

They receive huge support and guidance from faculties and market. The student volunteers engage and participate in various social activities. These activities range from awareness campaigns to celebration of various international events like International Youth Day, World Health Day, World Environment Day, Blood Donation Programs, and Cleaning Campaigns etc. We have various clubs and societies registered within the institution to hone the skills of students. These clubs and societies are autonomous student bodies run by students themselves. They carry out various events, seminars, workshops, presentations, simulation exercises, competitions within the college and between colleges and universities that strengthen their IT and managerial skills, help develop interaction with industries thus garnering experience and exposure.

a. Readers' Club

The readers' club is an autonomous body formed to promote reading habit of students. This club encourages students to participate in different book review sessions, budget review sessions etc. These activities instill strong ethical and moral values and empathy amongst our students. The readers publish a business magazine every year. They receive huge support and guidance from faculties and market in this intellectually stimulating event.



b. The College Volunteers’ Club

The student volunteers engage and participate in various social activities. These activities range from awareness campaigns to celebration of various international events like International Youth Day, World Health Day, World Environment Day, Blood Donation Programs, and Cleaning Campaigns etc.

c. Sports Club

Besides regular academic activities, we often encourage students to organize, participate and engage in various sports and athletic events. This is necessary for physical and sound mental health of our students. The sports club under the supervision of college management organizes annual sports event (football, basketball, table-tennis, cricket etc) every year. These activities inculcate team works, leadership qualities and a spirit of sportsmanship in our students. The club has earned credits for successfully concluding at “8th CSIT T20 Cricket Tournament 2076”, “2nd TU CSIT Basketball Tourtament-2076” and various other tournaments and sporting activities which got national attention.

d. Business Club

The business club organizes various guest lectures and interaction programs with industry leaders, Bankers and Entrepreneurs,

etc. They actively participate in business simulation exercises. These activities, we hope, will create enthusiasm and inspire students in their endeavors. It also organizes various flagship events like “Business Plan Competition”, “Idea Pitching Competition”, “AD Design Competition”, ” Marketing and Sales Simulation Seminar”, ” Training on Share Market and Trading” etc.

e. Research Journal Publication

NEW SUMMIT College is going to publish its research journal “BYTES” from this year. It is a suitable platform for our students to improve their writing and research skills as well to connect with researches.

f. IT Club/Society

Summiteers’ Information & Technology Society (SITS) is a club established in order to give individuals an opportunity to share and extend ideas, views and knowledge in the field of fast changing information technology of today. The club also organizes various national level IT related competitions on regular basis. Mega event TechTrix-2019 sent a ripple of excitement throughout the participants.

g. Placement Cell

It helps locating job opportunities for students by keeping in touch with reputed forms

and industrial establishments. It operates round the year to facilitate contact between companies and graduates students, who are in the final year. It also provides information for field placement, to act as liaison between the students, college and the facility for field placement.

h. Entrepreneur Cell

It is a club run by students and driven by the college management in order to help learn important and useful traits about entrepreneurship. It aims to ignite creative thinking and nurture entrepreneurial instincts in students by conducting stimulating workshops, competitions and interactive sessions with eminent personalities who are role models in the business field.

i. Resource Point

This facility in an academic support within the college that helps gains several sources information to advance the learning experience of students and teachers. It collects and organizes materials that are useful to the students. Its mission is to provide intellectual and physical access to current state- of- the-art materials, equipment and services.

j. Business/IT Incubation

It is a process of support for business with

growth potential and is a catalyst tool for support to start- ups and early stage of new business ventures by providing them with the safe harbor, incentive resources, and development environment in which they can flourish. It helps address the hurdles and challenges of a new company like resources of fandom rigid labour regulations, finding a market for products and social and cultural issues.

k. Personality Development Program

Punctuality is the combination of characteristics or qualities that forms an individual distinctive character. It is the process of developing a set of characters and traits which contribute to the overall personality of a student. It lays high emphasis on improving students’ communication skills- listening, speaking, reading and writing. College organizes various program to support it.

l. Knowledge Centre

We give special emphasis on creation of knowledge and skills, based on current market trends. The Knowledge Center’s purpose is to encourage collaborative efforts in the areas of academic and community building. This is always buzzing with various activities. Students are welcome to use this center for studying it as per their needs. They

can enhance various skills like soft skills, team-work, leadership skills, entrepreneurial skills etc. This center also extends its supports for learning case writing, article writing, book review, workshops, seminars, magazine or bulletin publication as well as exposure extracurricular activities/ academic and sporting. It is true that students learn by connecting new knowledge with knowledge and concept that they already know thereby connecting new meanings through interaction and varied approaches. Its primary goal is to disseminate knowledge to students, teachers and researchers through short courses, works shops, seminars and theoretic live classes by leading experts, compendium of projects, question bank etc.

Jobs Prospective

Business life is one of the driving forces in contemporary society. It is also the most important employer on the labor market. Fortunately, NEW SUMMIT’s B.Sc.CSIT, BCA, BBM and BBS degrees give our students excellent options for a successful career. Here are some of the many places where they might work.

Work Ready Internship Program

Tribhuvan University has incorporated 8

weeks internship program for every BBS, BCA, BBM, B.Sc.CSIT student with 3/6 credit hours. Hence, we assist our students with various paid and unpaid form of internship opportunities in Nepal. We ensure that our diligent students are able to grab job opportunities, based on their performances during their internship period. At present, our students are involved in the following places for internships.

- D Tech Office System Pvt. Ltd.
- Leapfrog Technology
- Code Studio Solution
- Seshra Innovations
- Idea Studio Nepal
- Fourth Valley
- Microsoft Nepal
- A plus Tech
- Spiker Solutions
- Surya Nepal Pvt. Ltd.
- Berger Paints
- World link Communication
- Commercial Banks of Nepal
- Soft-Tech
- Graphic Design Nepal
- Nepal Rastra Bank
- Bishal Groups
- Nepal Distillery Pvt. Ltd.
- Deerwalk





KYC-2019- A Glimpse

NEW SUMMIT College and **UNIVERSAL** College jointly organized the signature event Kathmandu Youth Conclave -2019 (5th Chaitra, 2075) at Nepal Academy Hall, Kathmandu in collaboration with Network Colleges.

A conclave is a gathering or conference or meeting of people in which current ideas, plans, issues, policies, development works, challenges etc of a nation are discussed with their possible solutions by sharing insightful and inspirational experiences and innovative ideas with a panel of renowned speakers from different walks of life in order to make the youths ready for the all-round development of the nation.



KYC-2020- A Glimpse

Kathmandu Youth Conclave -2020 was also organized in Magh 24, 2020 at Nepal Academy Hall, Kathmandu in order to give a suitable platform to our youths for their personal and professional growth. All together about 3000 youths had participated in this mega event from across the nation.



THE FEST: Virtual Fiesta 2021



Virtual Fiesta 2021 was the first event of virtual festival, jointly organized by NEW SUMMIT College and UNIVERSAL College in 2078 during COVID-19 Pandemic period in order to help students develop and utilize opportunities through multiple events. The fest was organized from May 21 till June 04, 2021, and a total of 27 events were included. Various sponsors played important roles to make it a grand success.

Virtual Fiesta 2021 was the youth-centric event, attended by the young audience comprising mostly students, industrious learners, and scholars. Coming to its first edition, Virtual Fiesta 2021 was adorned with some of the recognized figures - the technology pioneers, leaders, front-line workers, outstanding speakers and their keynote speeches. We also showcased different Competitions, Trainings, Fun and Comedy Zones as additional creative engagements. Virtual Fiesta 2021 was a powerful platform for empowering students with life-changing leadership, managerial roles, public speaking and technical skills. The list of events is as follows:

OBJECTIVES

- To make lockdown period productive and fruitful
- To engage students in workshops and activities to keep them away from the pandemic disturbance
- To encourage to take part in deep, meaningful discussions and lend


relevant ideas on various aspects of professional and personal life

- To create skill development opportunities for students through an independent event management approach
- To develop a platform where students can join, participate, interact and learn the 21st century skills.

SCHEDULE OF EVENTS

S.N	Topic/Session	Date	Instructor/ Resource person	Remarks
1	Talk on mental health	July 1, 2021	Mr. Bashu Acharya	Chairman, Happy club
2	The Psychology Behind Disconcentration	July 2, 2021	Mr. Bijay Raj Sigdel	Philanthropist Social worker
3	App Development: Xamarin	July 2, 2021	Mr. Amar Joshi	App Developer
4	Research Paper	July 2, 2021	Mr. Ayush Mainali	IoT engineer
5	PUBG tournament	July 2, 2021		
6	Money Over Internet Protocol (MOIP)	July 3, 2021	Mr. Allen Bailochan Tuladhar	CEO: Unlimited technologies
7	NLP Research Directions for Nepal	July 3, 2021	Dr. Bal Krishna Bal	Ass. Prof. and Head of department of computer science, KU
8	Public Speaking	July 5, 2021	Mr. Akash Dahal	Vice president Leo district council
9	Canva Designing	July 5, 2021	Mr. Yashashwi Adhikari	CSIT Student

SITS VIRTUAL SESSIONS



Mr. Ayush Mainali

IoT ENGINEER

APP DEVELOPER
Worked in companies like:

- E-dheba product of Unlimited Technology
- Tootle
- Hamro Academy Product of Uptech Sys
- SuperApp, currently named as Sahara

EVENT'S STRUCTURE

SALUTE TO OUR HEROES

Salute to our Heroes is a social initiative project. Its aim was there to recognize, appreciate, and salute to the hard-work, dedication, tireless efforts of all frontline workers in preserving humanity. The purpose of this activity was to disseminate the optimistic messages and information regarding COVID-19 pandemic and its preventive measures. We also have social media Facebook page for information outflow.

HOW TO DO PRESENTATION? WITH COMPETITION

The workshop on “How TO Do PRESENTATION?” was conducted first to help students refine their technical presentation skills. Later, topics and mentors were assigned and winners were awarded.

SHARE MARKET TRAINING

With the increased craze for investment in the share market of Nepal, the passion to learn more about stock analysis is in demand. So, the two-day training was provided by the certified trainer about the primary market and secondary market respectively.

PUBLIC SPEAKING

To help learn public speaking art (inform, persuade and entertain through effective communication), this session was organized.

WHAT AFTER BACHELOR?

This session highlighted on resume writing skills. A resume is a tool for marketing our-selves. It outlines our background, experiences, skills and education so that a potential employer is quickly and easily able to see how our individual experiences can contribute to a company's success.

EXCEL TRAINING

Excel organizes the data to save one's time by creating spreadsheets on your own and use

modern formulas to perform calculations. This 2-day workshop was hosted to learn data analysis and modeling.

MEDITATION SESSION

This session was organized in order to help students have peaceful lives during lockdown period.

IDEA PITCHING WORKSHOP WITH COMPETITION

Idea Pitching is a unique concept where the people are provided with a platform to pitch their creative and innovative business ideas. The workshop was hosted virtually initially by the guest speakers to give some ideas, then later the competition was held between the students.

EMPLOYMENT COMMUNICATION PROGRAM

The session was introduced for the students on how to approach in the job/work market. The session provided the knowledge related to CV Writing, Resume, Internship Application and more.

DIGITAL LITERACY PROGRAM:

A session by our Title Sponsor-eSewa-conducted this program, offering us the surprising, nuanced approaches, achievements, obstacles on their journey to bring digital literacy concept in our country, Nepal.

TALK SHOW

Talk with the change-makers, influencers offered surprising, nuanced approaches, achievements on their journey and empowered and inspired students to do their very best.

STAND UP COMEDY

In order to make the festival livelier, we had two events regarding comedy, where Nepali comedian put front their comedy show and interview regarding their journey.

SITS VIRTUAL SESSIONS

Session on
NLP Research Directions for Nepal



Dr. Bal Krishna Bal

Associate Professor and Head at the Department of Computer Science & Engineering, Kathmandu University (KU)

Principal Investigator - Nepali TTS Project, Nepali OCR Project
Domain Expert for Studying the Standard Keyboard Layout for the Nepali Locale

Contributor to the Unicode Common Locale Data Repository
Subject Committee Member - Technical Education Subject Committee, Kathmandu University
Member - Program Committee, CITD&S 2021

DATE	TIME	LINK
3 rd July, 2021	10:00 AM	https://bit.ly/sits-vs

ADDRESS
Shantinagar Gate, Tinkune

FOR MORE INFORMATION
04-4620522, 01-4620523

OFFERED PROGRAMS
BSc. CSIT | BCA | BBA | BBM | BBS | BA |

SITS VIRTUAL SESSIONS

Session on
Money Over Internet Protocol (MOIP)



Mr. Allen Bailochan Tuladhar

CEO & Founder of Unlimited Technologies P Ltd, Nepal
CEO of e-Dheba SuperApp of iPay P. Ltd
CEO at Lalitpur Money Transfer P. Ltd
CEO at Imperial Coop
CEO at Unlimited Cloud LLC
Country Director at Microsoft Innovation Center
MSP Lead at Microsoft Student Partner.

DATE	TIME	LINK
3 rd July, 2021	8:45 AM	https://bit.ly/sits-vs

ADDRESS
Shantinagar Gate, Tinkune

FOR MORE INFORMATION
04-4620522, 01-4620523

OFFERED PROGRAMS
BSc. CSIT | BCA | BBA | BBM | BBS | BA |

SITS VIRTUAL SESSIONS



Mr. Bijay Raj Sigdel

NATIONAL CHAIRMAN
Administrative Wing of Brahma Kumari Raj Yoga Center, Nepal

Philanthropist & Social Worker | Spiritual Coach
Author | International speaker | Certified Master NLP Practitioner
Senior leader to the Brahma Kumari Raj Yoga Center Nepal.

DATE	TIME	LINK
2 nd July, 2021	7 AM onwards	https://bit.ly/sits-vs

ADDRESS
Shantinagar Gate, Tinkune

FOR MORE INFORMATION
04-4620522, 01-4620523

OFFERED PROGRAMS
BSc. CSIT | BCA | BBA | BBM | BBS | BA |

A Glimpse of Sporting Activities



CHAMPIONS



TU Inter BScCSIT college T20 cricket Tournamen: New Summit college won this tournament in 2019 an going to organize this event this year. Congratulating on this wonderful achievements. Keep it up !



Inter-BScCSIT College Basketball Competition: Every year New Summit college orginaze this event and has become the college champion college.

2nd TU CSIT Basketball Tourtament-2076 winners.





8th TU Inter B.Sc. CSIT college T20 cricket Tournament:



What Our Students Say



“It’s a very proud moment to say that I am one of the members of New Summit family. A sound and learning environment with extra mural culture is plus point of our college. NSC is one of the pioneer colleges of IT that not only focuses on student being successful job holder but also a person with good leadership, entrepreneurial skill and possess good personality. I consider myself lucky to have participated in TechTrix and KYC as a core organizer. I recommend my juniors to be part of my college and get benefited as I am right now. ”

Savya KC, B.Sc. CSIT 3rd semester



“I joined the New Summit family in the sixth grade. 2021 marks my 11 year journey with New Summit, all the way from grade 6 to completing my Bachelor’s.

I definitely would recommend New Summit College and would encourage students to study hard and inform themselves as much as possible about the several academic opportunities it offers. Our college takes the educational mission to heart, here you will find people that will support you and guide you on the path to your degree. Our college offers great academics but does not lag behind in the extracurriculars. I have been involved in multiple tech events allowing me to build connections with fellow IT students and professionals.

I joined New Summit as a kid and I’m leaving as an IT professional and that would never happen without the love and support I got from the college. The co-ordinator, the friendly teachers have played a big role in helping me shape my future. No matter where I go from here, New Summit will always be an important part of my life and I will be forever grateful to the members of this great college. ”

Prashil Koirala, BSc.CSIT 8th Semester



“It’s a great pleasure and pride for me to say that I am one of the member of New Summit family.

It has well-defined infrastructure facilitating a sound learning environment comprising educational and recreational problem. It is one of the finest college that not only focuses on student being successful job holder but also a person with good leadership, entrepreneurial skill and possess good personality. I consider myself lucky to have participated in KYC as a core organizer. I am confident that going ahead, I am prepared for great career and life after studying here. ”

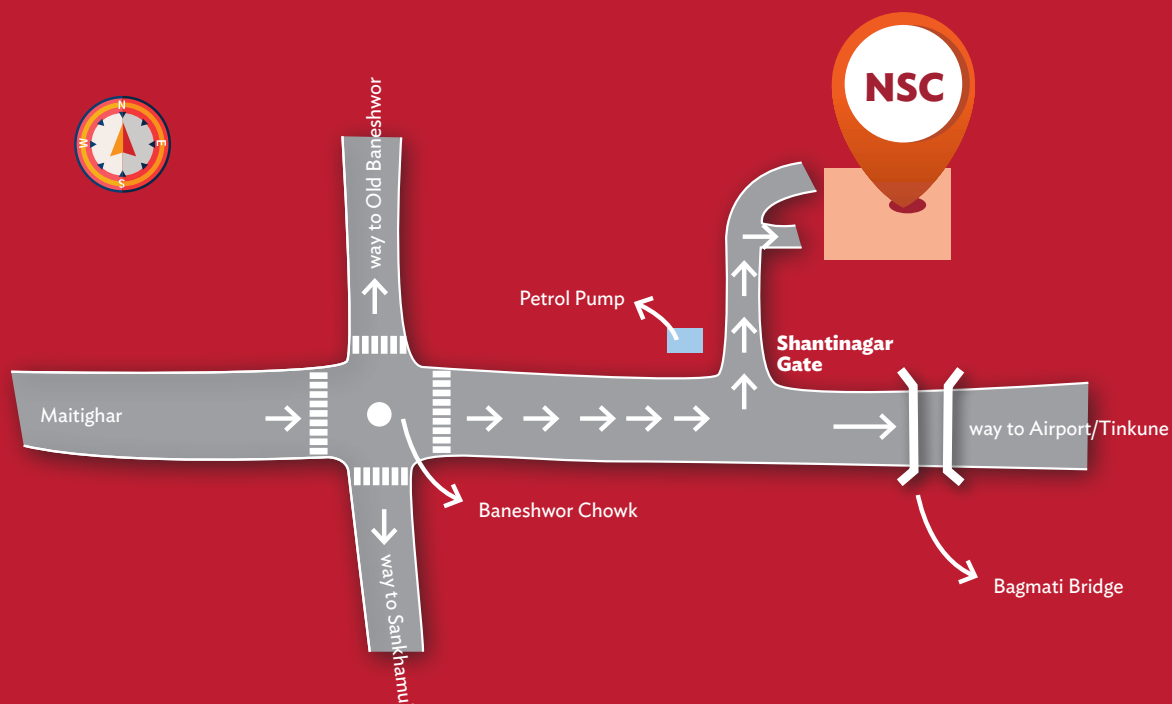
Aruna Karki, BBM 3rd semester



“An investment in knowledge pays the best interest” is defined at the New Summit College. Friendly

environment and great faculty members are the backbones of every student studying at this college. I personally feel that potentials are identified and praised over here, which helps me to grow more and more. ”

Roshan Shah, BCA 5th Semester



NEW SUMMIT College



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Kathmandu, Nepal



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