sagarmatha
ENGINEERING COLLEGE
TRIBHUVAN UNIVERSITY AFFILIATE

RE-STRUCTURING
YOUR BRAIN TO DISCOVER
ENGINEER IN YOU

INFORMATION BOOKLET 2019/20

INSPIRING MINDS...

Vision

To be the leader in Engineering Education through Engineering Excellency

Mission

To impart world class education and produce internationally competent engineers with an enterprising spirit

Objectives

While imparting education is our passion, our values lie in the qualification of knowledge over quantification. We aspire to produce competent, knowledgeable and innovative social entrepreneurs, who are ready to deal with problems and are willing to take up new challenges

BOARD OF DIRECTORS

Er. Sagar Gnawali
Chairperson

Er. Ramesh K. Shrestha
Member Secretary

Mr. Kishor Kumar Chalise
Member

Er. Manish Aryal
Member

Ms. Jyoti Baniya
Member

MANAGEMENT COMMITTEE

Er. Ramesh K. Shrestha
Principal

Mr. Kishor Kumar Chalise
Chief, Administration

Er. Dil Bahadur Chhetri
Chief, Academics

Er. Dakshina Shrestha
Head, Training and
Placement Unit

Er. Arun Parajuli
Head, Department of
Civil Engineering

Er. Amit Khanal
Head, Department of
Electronics and Computer
Engineering

Er. Manish Aryal
Head, IT Infrastructure Unit

Mr. Chaturbhuj B. Nepali
Sr. Account Officer

Introduction

Sagarmatha Engineering College has over the years become one of the leading centres of engineering education in Nepal. Sagarmatha, isnce 2010, has been offering Bachelor Degree Engineering courses in following streams:

B.E. Civil
B.E. Computer
B.E. Electronics, Communication & Information
B.E. Electrical (Proposed)

Established with an aim of nurturing engineers, Sagarmatha has evolved into one of the leading engineering colleges in Nepal. Sagarmatha is committed to provide a transformative learning experience in a collanorative and diverrse environment. Sagarmatha's advanced learning equipments, focus on research and life skills, experential learning and hands-on trainings in hi-tech laboratories give students a feel of practical and immersive education

Welcome to Sagarmatha Engineering College, a college where you can imagine the possibilities and get them transformed into reality.

Beyond providing a sound education, we wish to provide our students a holistic learning experience for life. Our aim is to teach students to LEARN, not just STUDY. Hence, we strive to travel beyond the boundaries of mere books. We have realized that the future is abstract and unknown but the youth in our hands are real and can be prepared.

Er. Sagar Gnawali
Chairperson

message from the
CHAIRPERSON

Dear students, "You are the nation-builders. You are the driving force of technology. You are the agents of change." It is our fervent hope that the years that you spend in Sagarmatha would enable you to equip with leadership and anagerial skills. The knowledge that you will gain, the fine qualities that you will imbibe and the technical skills that you will learn to apply will be your major contribution to your parents, to society, to the nation and to the world as a whole.

We invest our trust on you. You are our safe source and we bank all our efforts on you. We create not the future instead we craft you for the future. There are strong challenges to great efforts but, always remember, great effort bears the sweet fruit of success. We want you to taste the fruit of success once and for the rest of your life, you will never rest and regret.

"You don't have to be great to start, but you have to start to be great." We had tremendous Engineering achievements in last century. Unfortunately, the development of world through these achievements was without taking into consideration for the social, environmental and economic impacts. Future Engineers must not be unaware of the disturbances in nature due to the developmental activities and they must contribute to the building of a more sustainable, stable and equitable world.

I would like to extend best wishes to all of you.

Education enables a person to face new challenges, achieve progress and lead a successful life. We, therefore, at Sagarmatha Engineering College, would like to encourage all students to thrive for the best to make them knowledgeable in their relevant branches of engineering with high self-esteem and discipline. Education at our Institution is not only for academic brilliance but also for an ambience where our ancient cultural heritage and human skills are enhanced.

Er. Ramesh K. Shrestha
Principal

message from the
PRINCIPAL

While Sagarmatha has enjoyed growth and expansion over the years, it remains dedicated to its original mission: "To impart world class education and produce internationally competent Engineers with enterprising spirit"

This college provides a lively environment for learning and discovery through latest teaching learning methods and I assure you that if you are here with us, you are going to be the next generation leader who can understand the complexities of technology and society, to meet the never diverse challenges of new century.

One of the parameters for judging any academic institution is the research activities it is pursuing. From the day one of the establishment of this college we are committed to conducting research and development. At this point, I am proud to point out that we have different research cell in both the departments and research activities are being undertaken by the concerned faculties and students in the departments.

We understand that the superiority of any academic institution lies on the performance of students. We highly believe our students and encourage them to take the advantage of all the supports available to them at Sagarmatha.

Engineers, in addition to being technically and analytically sound, must complement their capabilities with understanding of "soft issues" that are non-technical. We try to enhance the soft skill of students so that they can be successful in all the spheres of life. We plan to provide extensive training to the students promote their soft skills so that they will be easily assimilated by job market. I feel privileged to state that many of our students have secured highest ranks in the final examination conducted by Institute of Engineering in the past and believe that new lot of students will continue the trait. Beside academics, students are also encouraged to take part in extra-curricular and co-curricular activities and many of our students have brought achievements to the Institution.

I feel happy and delighted to welcome our incoming students and my best wishes for their brilliant academic career at Sagarmatha.

Quick Facts

100%
Qualified & Experienced Faculty

85%
Graduation Rate

82%
Internship

82%
Placement

Intake Capacity

B.E. Civil	48
B.E. Computer	48
B.E. Electronics, Communication & Information	48
B.E. Electrical (Proposed)	48

College Time

Sunday to Friday, 9:00 am to 5:00 pm
Closed on Saturdays and other holidays as per Academic Calendar of the college

Dress Code

No particular dress code is maintained by the college. However, students are not allowed to wear anything that is offensive and too casual.

> ❝ **Imagine the possibilities,
> we will guide you
> transform them to reality** ❞

Attendance

Students are advised not to miss any class. It is mandatory to have 70% attendance. Students who fail to meet the minimum requirement of attendance are not allowed to sit for final examination conducted by Institute of Engineering.

Disqualification

Students are encouraged to excel in every subject. Unable to secure 40% in the internal marks is considered as Not Qualified (NQ) for final examination. The detail guideline for internal evaluation will be provided later.

- Play
- Learn
- Analyse
- Imeplement
- Experiment
- Succeed

Success
MANTRA

Admission & scholarships

Eligibility criteria

- Must have scored minimum C grade in all subjects of grade 11 and 12 with Physics, Chemistry and two papers of Mathematics or 45% marks in A Level or Engineering Diploma or equivalent.
- Must have passed Entrance Examination conducted by Institute of Engineering, Tribhuvan University.

Admission procedure

- Apply online through the college website http://sagarmatha.edu.np within a deadline set by the college/Institute of Engineering, Tribhuvan University.
- Wait for admission list/s to be published by the college. The admission list/s shall be published on merit basis as per the rules and regulation of the college/Institute of Engineering, Tribhuvan University.
- Applicants in the admission list/s are then requested to contact Information Officer or Admission Officer in the college to start admission procedure.
- The college admission procedure follows the rules and regulations of Institute of Engineering, Tribhuvan University.
- Subsequent merit lists may be published by the college upon availability of seats.

Female Quota

- 10 % of the total seats available in each program has been reserved for admission of female students.

Scholarships

- 10% of students enrolled in the college are considered for scholarships.
- The scholarships are provided on merit basis as per the rules and regulation of the college/ Institute of Engineering, Tribhuvan University.

Academic Excellence Award

- The college has a wonderful tradition of recognizing and awarding the students with excellent scholastic performance. We name this tradition as "Academic excellence award" which is a biannual program in which the students from each faculty are awarded if they are able to secure any of the top three positions in university exam.

CIVIL
Engineering

Course Curriculum

Civil Engineering program delivers a comprehensive hands-on and student centered program that prepares graduates for immediate entry into a variety of professional careers and provides a solid undergraduate foundation enabling continued education at the graduate level.

I/I
- Engineering Mathematics I
- Computer Programming
- Engineering Drawing I
- Engineering Chemistry
- Fundamental of Thermodynamics & Heat Transfer
- Workshop Technology

I/II
- Engineering Mathematics II
- Engineering Drawing II
- Basic Electronics Engineering
- Basic Electrical Engineering
- Engineering Physics
- Applied Mechanics

II/I
- Mathematics III
- Applied Mechanics (Dynamics)
- Strength of Materials
- Engineering Geology I
- Fluid Mechanics
- Surveying I
- Civil Engineering Materials

II/II
- Theory of Structure I
- Hydraulics
- Surveying II
- Soil Mechanics
- Probability and Statistics
- Civil Engineering Drawing
- Engineering Geology II

III/I
- Numerical Methods
- Theory of Structure II
- Foundation Engineering
- Survey Camp
- Water Supply Engineering
- Concrete Technology and Masonry Structure
- Engineering Hydrology

III/II
- Communication English
- Building Technology
- Design of Steel & Timber Structure
- Engineering Economics
- Transportation Engineering I
- Sanitary Engineering
- Irrigation & Drainage Engineering

CAREER OPTIONS

After graduation you may develop your career in various fields such as:

- Hydropower
- Construction Management
- Consulting
- Manufacturing
- Disaster risk management
- Education
- Government offices etc.

Message from the **HOD**

Infrastructural development incorporating technological advancement is the heart of socio-economic development of the nation. To witness such changes, education plays a vital role. Civil engineering is one of the oldest engineering streams that have changed the way we live in. In the world of rapidly changing technology, technical education should incorporate the recent achievement in technology to have competent engineers to sustain in global market. Department of Civil Engineering is committed to provide academic environment not only for the prescribed courses but also for recent technologies integrated education system with an opportunity to research and development. The pride of the department lies on highly committed management, dynamic Principal as well as academically sound, experienced and professionally active full time & visiting faculty members. Besides this, sincere and well-disciplined students and hard working supporting staff cannot be forgotten for its pride.

Our students' performances in IoE examinations speak about our educational excellence. Every semester some of our students are ranked at top positions in IoE examinations. My appreciation and sincere gratitude goes to all the students and faculty for this achievement. Last but not the least, we welcome the students to forge and develop their mind to compensate the future needs of the nation and global market. We are here to help in producing qualified civil engineer with a broad scope to cope with the growing need of human society and environment of this wonderful world.

Mr. Arun Prasad Parajuli
Head, Department of Civil
Engineering
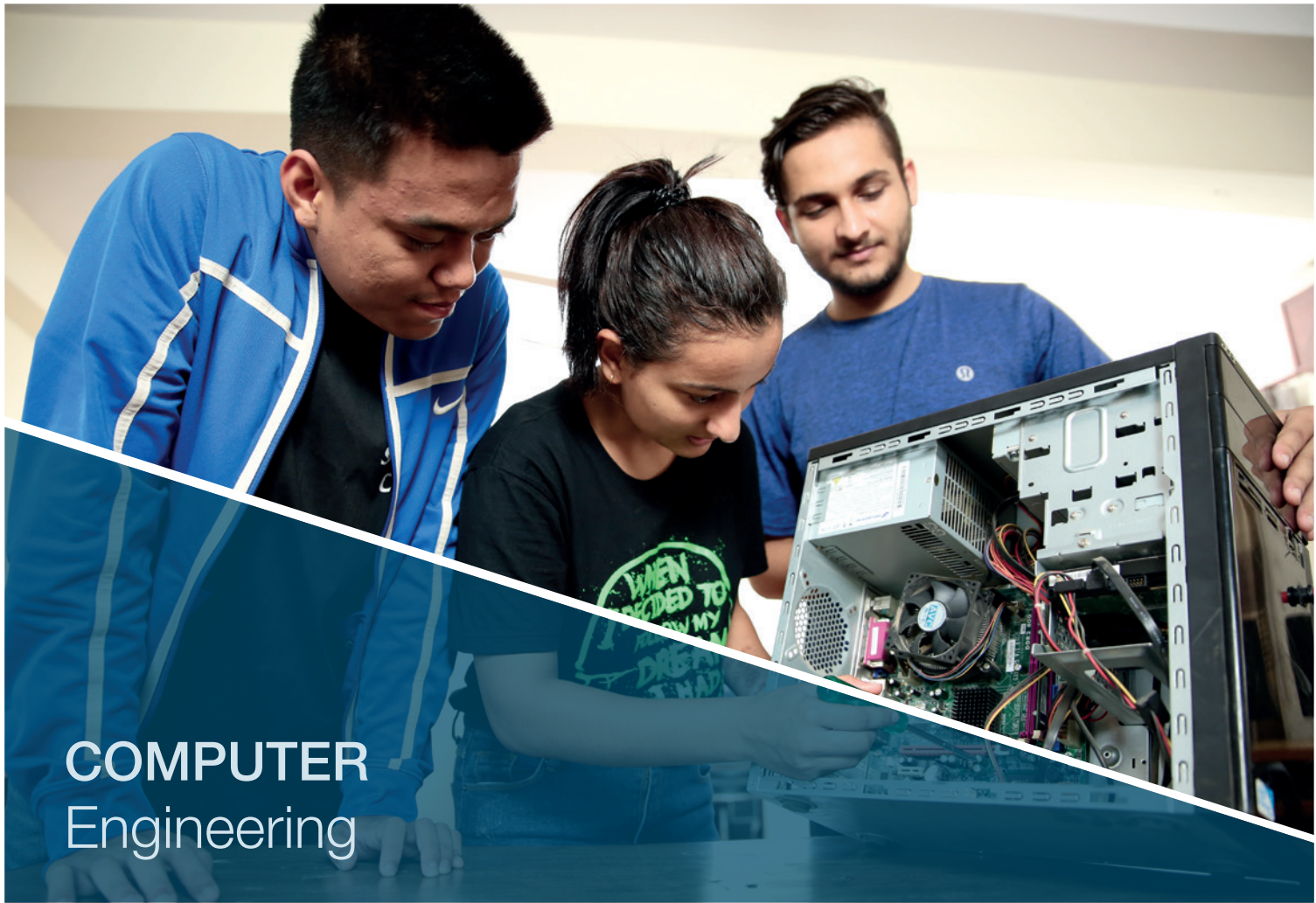
COMPUTER
Engineering

After the advent of 4th generation computers, computer engineering started at developed nations. Internet made it possible to expand to rest of the world. Today, computer engineering is one of the most desired courses of engineering across the globe. It is a discipline that integrates several fields of electrical and electronics engineering and computer science required to develop computer hardware and software.

Course Curriculum

I/I
- Engineering Mathematics I
- Computer Programming
- Engineering Drawing I
- Engineering Physics
- Applied Mechanics
- Basic Electrical Engineering

I/II
- Engineering Mathematics II
- Engineering Drawing II
- Basic Electronics Engineering
- Engineering Chemistry
- Fundamental of Thermodynamics
- Workshop Technology

II/I
- Mathematics III
- Object Oriented Programming
- Electric Circuit Theory
- Theory of Computation
- Electronic Devices & Circuits
- Digital Logic
- Electromagnetic

II/II
- Electrical Machines
- Numerical Method
- Applied Mathematics
- Instrumentation I
- Data Structure and Algorithm
- Micro processor
- Discrete Structure

III/I
- Communication English
- Probability and Statistics
- Software Engineering
- Data Communication
- Computer Graphics
- Instrumentation II
- Computer Organization & Architecture

III/II
- Engineering Economics
- Embedded System
- Object Oriented Analysis & Design
- Database Management System
- Artificial Intelligence
- Operating System
- Minor Project

IV/I	Project Management
	Organization and Management
	Energy, Environment & Society
	Computer Network
	Distributed System
	Digital Signal Analysis & Design
	Elective I
	Project (Part A)
IV/II	Engineering Professional Practice
	Information System
	Simulation and Modeling
	Internet and Intranet
	Elective II
	Elective III
	Project (Part B)

CAREER OPTIONS

After graduation you may develop your Career in various fields such as:

- Software
- Networking
- Database
- Web & SEO
- Mobile applications
- Government offices
- Education & Research
- Consulting
- Digital marketing etc.

Message from the **HOD**

Welcome to the Department of Electronics and Computer Engineering. The department is committed to deliver high class teaching-learning environment to produce competent, well-round, and motivated students with cutting-edge technical knowledge. The department has highly experienced and committed faculty members embedded with ample resources. "More than books-More than Syllabus" is what we talk about and deliver in this department. We believe that there should be enough training programs and other academic activities in the college. Such activities enhance student's abilities beyond the horizon of the syllabus and present them to be apt candidates in the job market. The department strives to motivate students for research in recent technologies for future development as well as build up their sound presentation and communication skills. We also work for developing the entrepreneurship skills of the students. We prepare our students to become well-round and technically competent engineers who can continue learning in an ever-changing and diverse world. The fifield of Electrical, Electronic and Computer Engineering encompasses many exciting technologies such as microelectronics, computer systems, mobile communications, information systems, system analysis & design, programming, database management and robotics which have been among the fastest growing and most challenging technologies that enable the development of the modern information-based society. At this time of emerging technologies, the demand for quality manpower in the field of Electronics and Computer Engineering is increasing. If we survey the global statistics, the job market in Electronics and Computer is in its full glory. Even in context of Nepal, there is a pressing need of quality workforce in this sector. If you have your qualities, you will prove yourself a precious diamond in the job market both nationally and internationally. No wonder Electronics and Computer Engineering is challenging and creative profession; you will lead a successful life after completing this degree.

Amit Khanal
Head Department of Electronics and Computer Engineering

ELECTRONICS,
COMMUNICATION
& INFORMATION
Engineering

Course Curriculum

Electronics, Communication and Information Engineering helps you understand the entire stack of modern networked computers, from the design and architecture of the CPU in a smartphone, to the information theory and wireless protocols connecting it to the internet, and the operating systems and databases providing back-end support in the cloud.

I/I	Engineering Mathematics I
	Engineering Drawing I
	Basic Electrical Engineering
	Computer Programming
	Engineering Physics
	Digital Logic

I/II	Engineering Mathematics II
	Microprocessor
	Engineering Chemistry
	Object Oriented Programming
	Workshop Technology
	Electric Circuits and Machines

II/I	Engineering Mathematics III
	Electronics Devices and Circuits
	Control Systems
	Probability and Statistics
	Electromagnetics
	Instrumentation (N)

II/II	Applied Mathematics
	Discrete Structure
	Data Structure and Algorithm
	Advanced Electronics
	Computer Graphics
	Numerical Methods

III/I	Engineering Economics
	Database Management System
	Computer Network
	Computer Organization and Architecture
	Operating Systems
	Filter Design

III/II	Communication English
	Project Management
	Propagation and Antenna
	Communication Systems
	Object Oriented Software Engineering
	Embedded Systems
	Minor Project

CAREER OPTIONS

After graduation you may develop your Career in various fields such as:

- Telecommunication
- Automation and Control
- Software
- Networking
- Database
- Mobile applications
- Measurement & Instrumentation
- Government offices
- Education & Research etc.
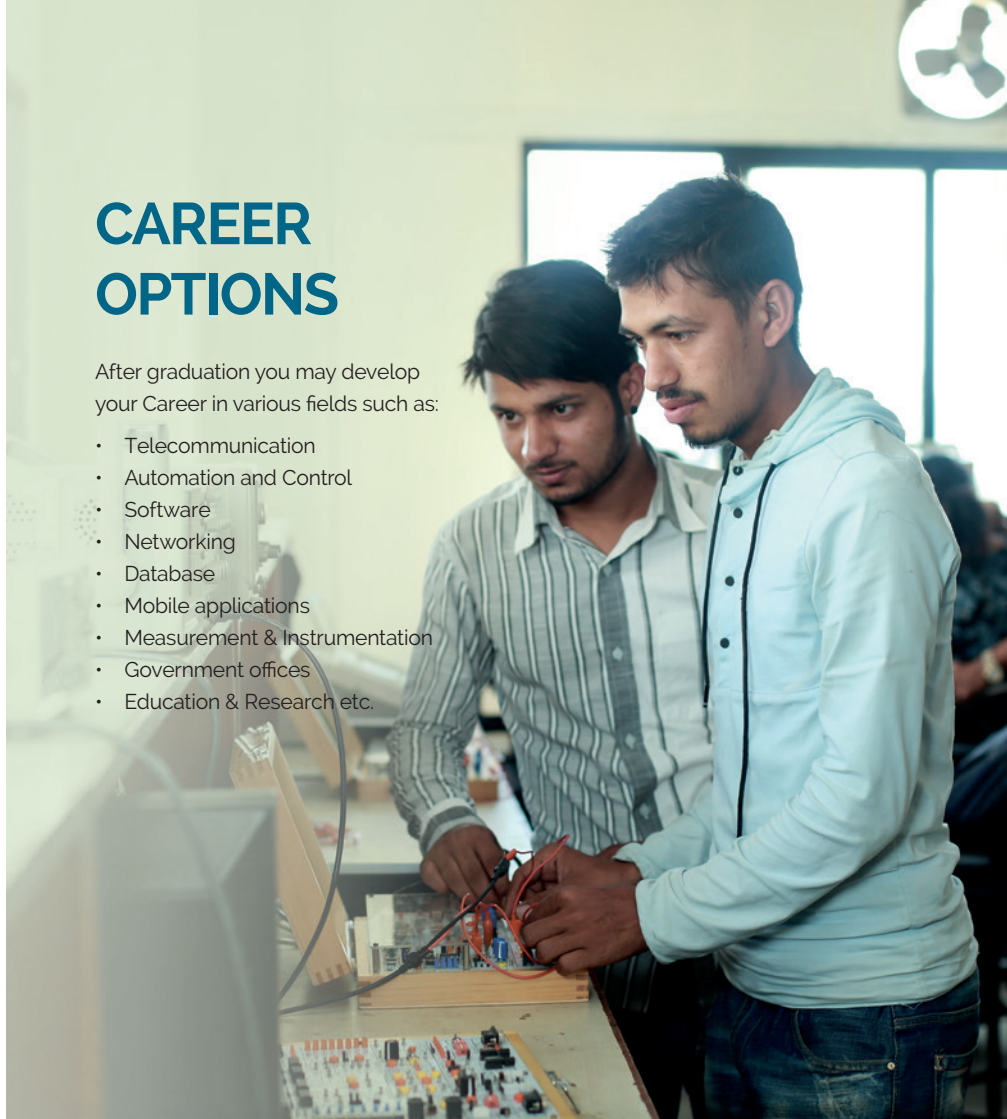
Faculty and staffs

DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING

Name	Designation
Mr. Amit Khanal	Associate Professor/ Head
Mr. Ramesh K. Shrestha	Associate Professor
Mr. Dil Bahadur Chhetri	Associate Professor
Mrs. Dakshina Shrestha	Associate Professor
Mr. Manish Aryal	Associate Professor
Mr. Kamal Gautam	Senior Lecturer/Dy. HoD
Mr. Bharat Bhatta	Lecturer/Project Coordinator
Mr. Baikuntha Kumar Acharya	Assistant Lecturer
Mr. Mohammad Badrudhoja	Visiting Faculty
Dr. Nanda Bikram Adhikari	Visiting Faculty
Mr. Bikash Shrestha	Visiting Faculty
Mr. Akhileshwor Mishra	Visiting Faculty
Mr. Anand Sah	Visiting Faculty
Mr. Sochindra Ray	Visiting Faculty
Mr. Dipesh Shrestha	Visiting Faculty
Mr. Devendra Kathayat	Visiting Faculty
Mr. Jalauddin Mansur	Visiting Faculty
Mr. Shambhu Baral	Visiting Faculty
Mr. Narayan Adhikari Chettri	Visiting Faculty
Mr. Subodh Raj Satyal	Visiting Faculty
Mr. Jitendra Thapa	Visiting Faculty
Mr. Ijhar Khan	Visiting Faculty
Mr. Laxman Timilsina	Visiting Faculty
Mr. Pawan Khadka	Visiting Faculty
Mr. Ramesh Tamang	Visiting Faculty
Mr. Abhishes Dahal	Visiting Faculty

DEPARTMENT OF CIVIL ENGINEERING

| Name	Designation
Arun Prasad Parajuli	Head/Associate Professor
Bhuwan Ghimire	Dy. Head/ Graded Lecturer
Sudeep Lamsal	Graded Lecturer
Roshika Bhattarai	Lecturer
Prashanta Bagale	Lecturer
Aastik Sharma	Lecturer
Narayan Adhikari	Asst. Lecturer
Arjun Babu Dhakal	Visiting Faculty
Arun Paudel	Visiting Faculty
Basant Devkota	Visiting Faculty
Lumadi Khanal	Visiting Faculty
Lekh Pd. Chaulagain	Visiting Faculty
Mukunda Neupane	Visiting Faculty
Padma J Tamrakar	Visiting Faculty
Parshuram Bogati	Visiting Faculty
Subodh Sharma Gautam	Visiting Faculty
Rupesh Karki	Visiting Faculty
Surya Adhikari	Visiting Faculty
Sarika Gharana	Visiting Faculty
Sudeep Pathak	Visiting Faculty
Padam Oli	Visiting Faculty

DEPARTMENT OF ENGINEERIGN SCIENCE AND HUMANITIES

Name	Designation
Mr. Kishor Chalise	Associate Professor
Mr. Raj Kumar Yadav	Visiting Faculty
Ms. Amala Shrestha	Visiting Faculty
Mr. Hom Bahadur Baniya	Visiting Faculty
Mr. Puskar Raj Pokhrel	Visiting Faculty
Mr. Ramesh Gautam	Visiting Faculty
Mr. Mohan Kshetri	Visiting Faculty
Mr. Vijay Kumar Yadav	Visiting Faculty
Mr. Bishnu Pd. Panthi	Visiting Faculty
Mr. Bhupak Lal Joshi	Visiting Faculty
Dr. Mandira Adhikari	Visiting Faculty
Mr. Anul Joshi	Visiting Faculty
Mr. Murari Karki	Visiting Faculty

ADMINISTRATION

Name	Designation
Mr. Ramesh K. Shrestha	Principal
Mr. Kishor K. Chalise	Chief, Administration
Mr. Dil Bahadur Chhetri	Chief, Academic
Mr. Chaturbhuj Bahadur Nepali	Account and Admin Officer
Ms Danu Maya Jaisi	Librarian
Mr. Dilliram Bhattarai	Account and Admin Officer
Mr. Dinesh Shrestha	System Administrator
Ms. Laxmi Aryal Pandey	Office Secretary

Ms. Eliza Khadgi	Office Secretary
Ms. Dristy Adhikari	Admission Officer
Ms. Romila Shakya	Asst. Librarian
Mr. Dipendra Shrestha	Lab Technician
Mr. Suresh Kr. Chaudhary	Lab Technician
Mr. Prabesh Bista	Lab Technician
Mr. Prakash Pithakote	Office Assistant
Mr. Gaurab Das Basnet	Office Assistant
Mr. Hari Krishna Adhikari	Office Assistant
Mr. Atirikta Niraula	Office Assistant
Ms. Monika Shahi	Office Assistant
Mr Damodar Nepal	Office Assistant
Mr. Aashish Bhattarai	Account Assistant
Mr. Kiran Jung Mahat	Office Assistant
Mr. Dhan Bahadur Magar	Office Boy
Mr. Kedar Prasad Acharya	Office Boy
Mr. Dilli Bikram Hamal	Security
Mr. Shiwa Bahadur Basnet	Security
Mr. Tara K.C.	Security
Mr. Min Bahadur Bohara	Security
Mrs. Aarati Khadka	Office Helper
Mrs. Achala Shrestha	Office Helper
Mr. Dev Ratna Maharjan	Gardener
Mr. Sawan Deula	Janitor
Mr. Bhakta Bahadur Bayalkoti	Driver

Sagarmatha Engineering College in partnership with other higher education institutions form around the globe is conducting different international projects. The project are co-funded by Erasmus+ program of the European Union. Erasmus+ is the European Union Program in the field of Education, Training, Youth and Sport for the period 2014-2020.

International Projects & Partnerships
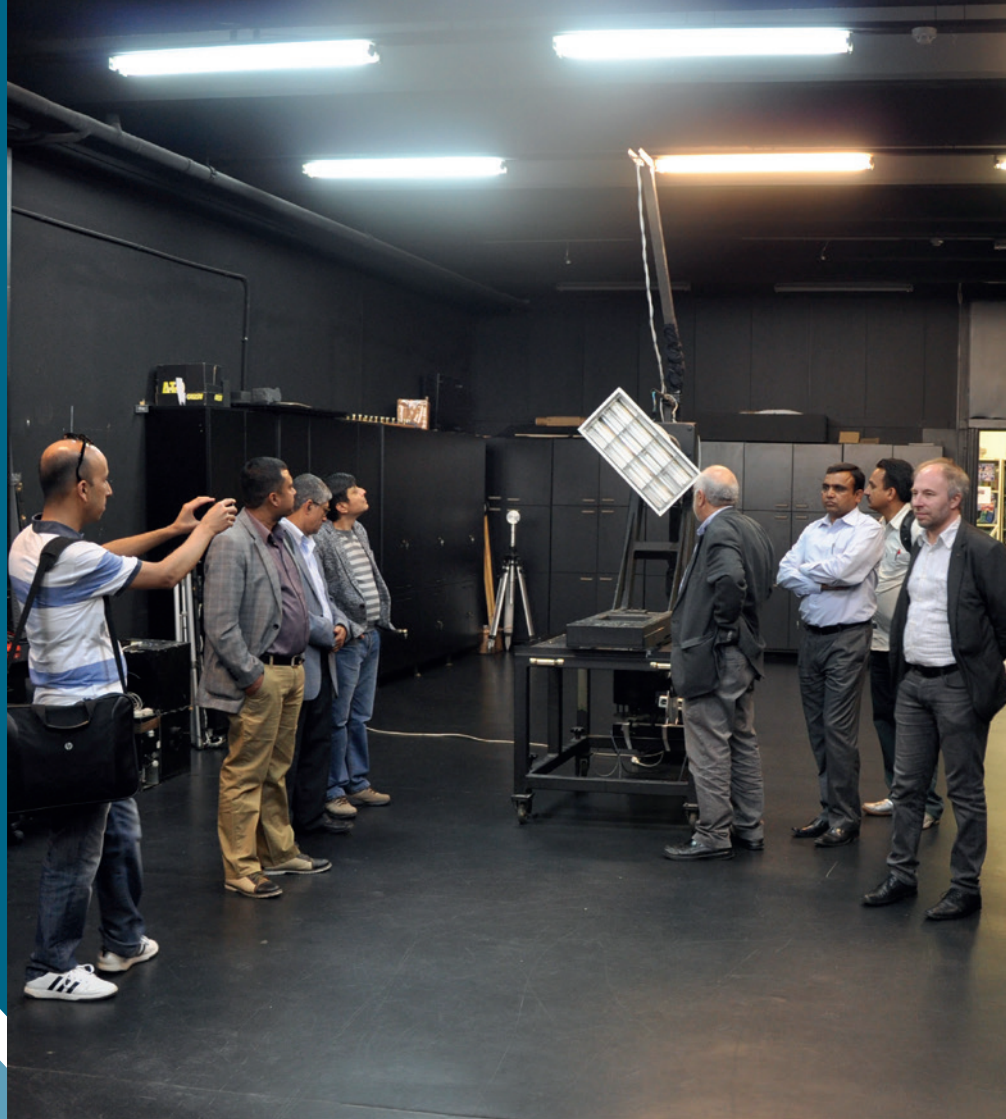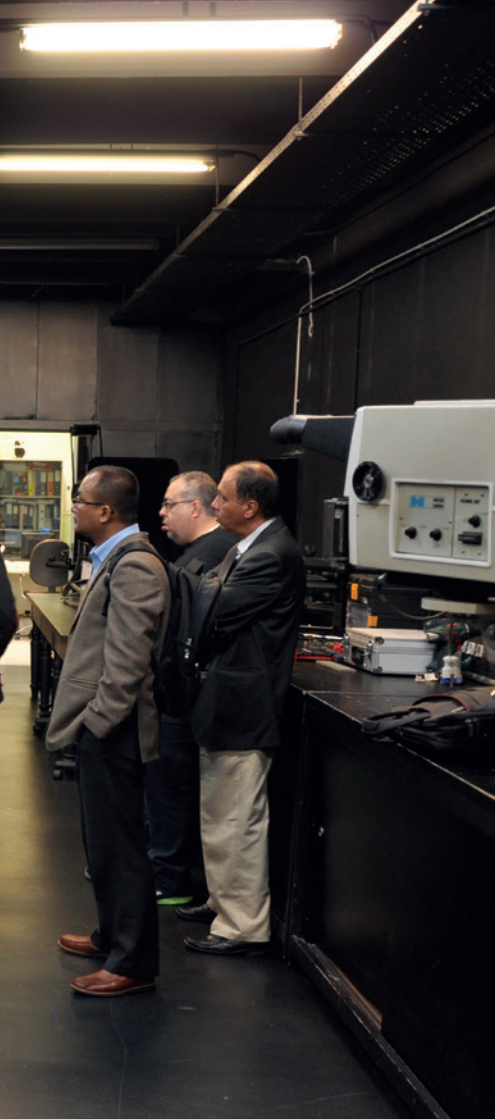
PROMOTING ENERGY EFFICIENT LIGHTING EDUCATION IN NEPAL AND BHUTAN

Duration

24 months, starting from January 2017

Partners

1. Aalto University, Finland
2. National Technical University of Athens, Greece
3. Université Toulouse III Paul Sabatier, France
4. Royal University of Bhutan, Bhutan
5. Kathmandu University, Nepal
6. Nepal Engineering College, Nepal
7. Sagarmatha Engineering College, Nepal

Objectives

1. To raise awareness in efficient lighting management and to identify important factors of needs and opportunities in efficient lighting in Nepal and Bhutan.
2. To develop energy efficient lighting course and lighting laboratory
3. To enhance and upgrade the skills of teaching staffs for improved academic environment in the field of energy efficient lighting systems.

STRENGTHENING PROBLEM-BASED LEARNING IN SOUTH ASIAN UNIVERSITIES

Duration

36 months, starting from November 2018

Partners

1. Aalto Global Impact, Aalto University, Finland
2. Delft University of Technology, Netherlands
3. Kaunas University of Technology, Lithuania
4. IIT Bombay, India
5. IISC, Bangalore, India
4. Jigme Namgyal Engineering College, Bhutan
7. Kathmandu University, Nepal
8. Nepal Engineering College, Nepal
9. Asian Institute of Technology and Management, Nepal
10. Sagarmatha Engineering College, Nepal

Objectives

1. To develop new PBL curricula in the universities of RUB, KU, AITM, NEC, SEC (Bhutan, Nepal)
2. To enhance PBL curricula development experience and knowledge working with IISc Bangalore and IIT Bombay and collectively develop content for India. Leverage the expertise at IISc Bangalore and IIT Bombay to disseminate and influence PBL practices in local Indian institutions.
3. To build global best practices in universities' PBL education related to sustainability challenges.

INTERNATIONALIZATION OF HIGHER EDUCATION INSTITUTIONS IN NEPAL AND INDIA (INTERNEPIND)

Duration

November 15, 2019 to November 14, 2021

Partners

1. Universidad Politécnica de Cartagena, Spain
2. Universidade de Aveiro, Portugal
3. Sarvajanik College of Engineering and Technology, India
4. Nalla Malla Reddy Engineering College, India
5. VES Institute of Management Studies and Research, India
6. Indubhai Parekh School of Architecture, India
7. Shantaben Manubhai Patel School of Architecture, India
8. Nepal Engineering College, Nepal
9. Sagarmatha Engineering College, Nepal

Objectives

1. To support the internationalization process of partner Higher Education Institutions (HEIs) in India and Nepal to improve quality of higher education.
2. To promote regional and international cooperation by formulating internationalization strategies, capacity building of staff and establishment of an international office in the partner institutions.

Beyond the academics

We believe we can help to improve our lives and make the world a better place. And there are so many things other than academics. Innovation and creativity are the key ingredients, along with sports and recreation making a perfect formula for an extraordinary life.

Clubs & Societies

- Sagarmatha Speaks
- Sagarmatha IT Club
- Sagarmatha Media Club
- Student Welfare Council

- Sagarmatha Literature Forum
- Civil Engineering Students' Society
- Computer Engineering Students' Society
- Electronics Engineering Students' Society

Events & Activities

- Sagarmatha Techno-Fest
- Cultural Programs
- Sports Week
- Inter/Intra College Project Competitions
- Talk Porgrams
- Hackathon
- Boot Camps
- Social/Community Services

ACTIVITIES

- To help students in their career planning and to provide information about the current trends in local as well as global job market.
- To give various level of training compatible to the job market and to help them in exploring the skills they learnt.
- To bridge the gap between academics and Industry
- To facilitate information about employment to the students via notices and emails.
- To organize talk programs, workshop and seminars.
- To facilitate internship and placement opportunities of the students in the appropriate firms.

Training and placement

Sagarmatha Engineering College aims to ensure hundred percent placements of its graduates. It realizes that academic performance of the students alone is not sufficient for a decent employment in today's highly competitive market and it, therefore, emphasizes on an overall personal and professional development of its students. With an objective to enhance an overall personal and professional development of the students and with a view to preparing them fully to compete in the job market, it has established a separate unit called Training and Placement Unit (TPU).

The TPU is committed to serving students in their career quests and other needs that may require professional counselling support. The unit functions to help students liaise with the industry and job market to make a smooth transition from the college to corporate life. It identifies various aspects of skills and expertise required to compete in the job market and arranges trainings, workshops and seminars. As a bridge between the academia and the industry, the unit basically undertakes activities to get the students trained in accordance with the requirement of the industry. With the same purpose the unit also organizes and conducts interaction and talk programmes, where the experts from different industries share their experiences for the benefit of the students. It liaises with the potential recruiters and arranges interviews of the students by them and also arranges internships for the students in various companies. Realizing the entrepreneurial interests of the students it also offers trainings, both hard and soft skills, and workshops pertaining to entrepreneurship.

sagarmatha group: dedicated to excellence

With a view to provide world class education in the field of Science and Technology, Sagarmatha College of Science and Technology was established by a group of professionals dedicated to excellence in IT education in the year 2011. In affiliation to the Tribhuvan University, the college is conducting a four year (8 semesters) Bachelor Degree Course in Computer Science and Information Technology (B.Sc. CSIT) and bachelor in Computer Application (BCA) under the management of Sagarmatha Engineering College.

Bachelor of Science in Computer Science and Information Technology (B. Sc. CSIT) is the most demanded 4 years IT and computer course. B.Sc. CSIT plays a vital role in fulfilling the ever-growing need of Professionals in the field of IT. The program comprises of 126 credit hours of Computer Science and Allied courses.

BCA is a 4 years undergraduate degree course in the field of computer applications/computer science. BCA is a multidisciplinary course and student with any background in +2 level can join this course.

Sagarmatha National College was established in year 2013 to provide international standard vocational training courses. In affiliation to Pearson's Education, UK, the college is offering the following Edexcel BTEC Professional courses:
• Edexcel BTEC Level 3 Certificate in Information Technology (Specialist) (QCF)
• Edexcel BTEC Level 3 Subsidiary Diploma in Information Technology (Specialist) (QCF)
• Edexcel BTEC Level 3 Diploma in Information Technology (Specialist) (QCF)
• Edexcel BTEC Level 5 Award in Management and Leadership (QCF)
• Edexcel BTEC Level 5 Certificate in Management and Leadership (QCF)
• Edexcel BTEC Level 5 Diploma in Management and Leadership (QCF)
The college has got approval from CTEVT, Nepal to conduct different short term vocational training courses.

Apart from Sagarmatha Engineering College, Sagarmatha Group has the following involvements

With a view to provide world class data center facilities in Nepal, Cloud Himalaya was established in year 2013 by the field experts from in and outside the country in association with Sagarmatha Group. Vision of Cloud Himalaya is to empower and facilitate its business partners to focus on their business by outsourcing their data to be managed by experts. Its goal is to provide reliable and secure access to your data so that you can focus more on important goals of your organization.
• Colocation Service
• Cloud Service
• IT Consulting
• Data Center Built
• Application Management
• Software Development

TESTIMONIALS

BIKASH GURUNG
President
Robotics Association of Nepal
(Alumni)

The best part of Sagarmatha is the freedom to design your own career and future. Yes, it's a good college for me, because I know what I want to do and what I want to achieve, because ultimately it's you who has to work hard to achieve success. However, the role of Sagarmatha family in transforming "WHAT I WANT TO WHAT I CAN" can never be substituted only by me passion and labor to be competent engineer. Thank you Sagarmatha for all the support and guidance provided to me. I am where I am because of Sagarmatha family.

AYUSH KUINKEL
Gold Medalist, MSc. Transportation Engineering (AIT)
Winner of Nepal Bidhyabhusan 2018
(Alumni)

The atmosphere is extremely supportive, the teachers are always engaging and the extra-curricular events have been some of the highlights of College. Sagarmatha puts a particular emphasis on thinking for yourself and discovering where your interests lie, which is such a refreshing change from the structured syllabus. Sagarmatha has also made me brave enough to explore subjects I might have been too scared to otherwise; before I started my degree I never thought that engineering studies could be so much fun and interesting but I so pleased that I did! Thank You Sagarmatha Engineering College for whatever has been done and provided for me to become a complete professional.

SUDAN PANDEY
Gold Medalist,
MSc. Structural Engineering (AIT)
Winner of Nepal Bidhyabhusan 2018
(Alumni)

Sagarmatha puts utmost priority on global awareness, creative and critical thinking, market trends and state of the art facilities. Willingness of teachers and staffs to help us anytime anywhere is what I appreciate most about the college. Furthermore, the college has established the Training and Placement unit for helping students get equipped with the knowledge and skills required to compete in the global market and also to assist the graduates get professional career started. Thank You Sagarmatha Engineering College.

TESTIMONIALS

BIPIN THAPA MAGAR
2072 Batch
(B.E. Electronics & Communication)

The best thing about the college is that most people are very friendly and it is easy to make friends. The classes I have taken here have been very fun and the teachers have been very helpful. The campus environment is beautiful and motivating with strong and committed network of faculty members and supportive staffs. Other than academics, there are a lot of opportunities, activities, and other things that you can join for your holistic development.

SAMIKSHYA THAPA
2072 Batch
(B.E. Civil)

The college definitely is a better place for extroverted people who are willing to put themselves out their comfort zone and show initiative and innovative thinking. Academics are important, but success in college is not just about test scores or a GPA. You will be expected to demonstrate passion, creativity, leadership, and critical thinking. Take time to develop passions. One day, you'll realize that grades aren't everything. Right now, it's probably difficult not to define yourself by your achievements. Take time to do something you love and create an identity for yourself. And keep up the good work. These are some of the valuable life lessons I am getting to learn at Sagarmatha.

NABIN CHAUDHARY
2074 Batch
(B.E. Computer)

The people at Sagarmatha are excellent. From the students to the faculty, to all of the campus staff, you truly will meet some lifelong friend sand build lasting relationships. The best thing is definitely the congenial and friendly academic environment. The teachers are brilliant and always willing to help and the small class sizes foster a feeling of intimacy. The learning experience doesn't end in the classroom, and in fact some of my best discussions have happened with friends and teachers outside the classroom. At Sagarmatha, you have a lot of opportunities to learn from people who are the best in their field.

TO KALIMATI

TEKU CHOWK

TO TRIPURESHWOR

BISHNUMATI RIVER

PACHALI TEMPLE

THAPATHALI PUL

TEKU KALO PUL

TO SHANKHAMUL

BAGMATI RIVER

BAGMATI CORRIDOR

TO SANEPA CHOWK

TO SANEPA CHOWK

SAHID SMARAK PARK

sagarmatha
ENGINEERING COLLEGE
COLLEGE OF SCIENCE & TECHNOLOGY

TO SANEPA CHOWK

TO BALKHU CHOWK

RINGROAD

TO DHOBIGHAT CHOWK

BALKHU PUL

STAR HOSPITAL

Location Map

sagarmatha
ENGINEERING COLLEGE
TRIBHUVAN UNIVERSITY AFFILIATE

Sanepa, Lalitpur, Nepal, G. P. O. Box: 19910
Tel.: 01-5527274, 5547463, Fax: 01-5548252
e-Mail: info@sagarmatha.edu.np
Web: www.sagarmatha.edu.np