KATHFORD

INTERNATIONAL COLLEGE OF ENGINEERING & MANAGEMENT || **AFFILIATED TO TRIBHUVAN UNIVERSITY**

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INTERNATIONAL COLLEGE OF ENGINEERING & MANAGEMENT || **AFFILIATED TO TRIBHUVAN UNIVERSITY**

LEARNING *beyond the* CLASSROOM

KATHFORD
INTERNATIONAL COLLEGE OF
ENGINEERING & MANAGEMENT | AFFILIATED TO TRIBHUVAN UNIVERSITY

ABOUT *us*

Established in 2003 and located at the heart of Kathmandu, Kathford offers you inspiring learning environment, outstanding teaching faculty members and excellent learning resources.

Kathford is one of only a handful colleges affiliated to Tribhuvan University with diverse programs of Engineering and Management. A home to over 1000 students, Kathford has been consistently producing highly competitive graduates and scholars since inception. Our strong alumni base, who have turned into market leaders, entrepreneurs and scholars, is among the reasons why Kathford is the best place to study Bachelor degree.

Based on the belief that learning extends beyond classroom, Kathford vows to be a center of knowledge, where students come to learn, sharpen their skills and hone their creative-self. We provide numerous opportunities for you to become the best you can by facilitating you with all kinds of resources and engaging you in numerous events and activities, giving you an opportunity to experience true personal and professional growth during your time with us.

We offer you much more than just a qualification.

Suman Katawal
Chairman

Associate Prof.
Dr. Mahesh Chandra Luitel
Principal

I feel proud to see how Kathford International College of Engineering and Management has proved its mettle to become a premier engineering and management institution for last 15 years. It was established with an aim to provide academic excellence, outstanding employability and finest learning environment to our students, and we have successfully delivered it every single year. We pay a great deal of attention to our academic values and have institutionalized continuous learning and relearning culture. For us, our success is the success gained by our students in academics and their career. Our students thrive in an environment that develops their critical thinking and independent identity that is embedded in civic engagement and social awareness. We strive hard to train and equip our students to get placed in top notch corporate and business units, by honing, transforming and tapping the latent potential and talent in them. In the dawn of new academic year, I invite you to join our fraternity along with our talented and successful graduates and our caring, dedicated and knowledgeable faculty.

I welcome you to join our mission to become the best educational hub, and I ensure you that you will love what you will become at Kathford.

We, at Kathford International College of Engineering and Management, have a profound belief in Quality, Affordability and Employability, and we have been delivering it since 2003. Through outstanding academic results, amazing learning resources, expert faculty members, inspiring learning platforms and encouraging co-curricular activities, we have demonstrated to be one of the best engineering and management colleges in Kathmandu. We take pride on our students with high aspirations, sound professional skills and confidence, and our graduates with amazing titles alongside their names.

Kathford offers the most respected engineering courses - BE in Civil Engineering, BE in Computer Engineering and BE in Electronics, Communication & Information Engineering along with outstanding Management courses - Bachelor of Business Administration (BBA) and Bachelor of Business Management (BBM), and top-class IT courses - BSc in Computer Science and Information Technology (BSc. CSIT) and Bachelor of Computer Application (BCA). Kathford ensures that the University curricula of these courses are supplemented with rigorous laboratory exercises, industry exposure, skills oriented activities and competitions, and training and workshops, based on our philosophy - Learning Beyond the Classroom.
We realize your dream of becoming a successful professional in your career and an influential person in the society, and we lay our best efforts to help you become one.

I welcome you to Kathford for a fulfilling and enriching experience.

A PLACE FOR *you*

We vow to transform Kathford to a place where you will enjoy your four years of undergraduate study, develop skills that will empower you, and create memories that will last for lifetime.

For us, Kathford is everything an engineering and management college should be. It's a college deep-rooted in learning and creativity which is well-connected to the modernity of education as well as close to traditional notion of learning. It's a centre of knowledge, where students come to learn, sharpen their skills and hone their creative self. Above all, it's somewhere you can belong – a collection of clubs to join, a score of activities to lead, and a number of people who match your synergy and who become your friends for life. It's simply a place where you create your proud identity.

As a top college affiliated to highly acclaimed Tribhuvan University, we set high standards, but we open our doors to all. We challenge – pushing you to new heights. But we also support – guiding you throughout your studies and careers. We explore ways to impart knowledge at its best, but moreover, we aim to produce the highest impact for your future. We help you unleash your capacity to succeed in your dreams.

This is a place for you.

WHAT MAKES
OUR *students happy?*

We are a big happy family. We care for our students' happiness for which we work hard to exceed their expectations. Happier our students are, more excited we become.

Our students have told us how much they love their student-life at Kathford. They have emphasized on the learning environment, encouragement to involve in multiple activities, resources to learn, and support from their lecturers, and have rated them highly. They are happiest with the outstanding lecturers at Kathford and the way they teach the course.

Students seem to enjoy teaching methodology at Kathford. They like the friendliness of the lecturers and the tools they use to make students understand the core concept. They seem to enjoy our emphasis on the core concept of each subject rather than surficial learning. This is what, our students believe, to be the greatest strength of Kathford.

Our students are also very happy with the score of guest lectures and industrial exposure that we provide them along with the course. Moreover, they enjoy the out-of-class learning through a series of activities, seminars and projects. The comfortable space to hover around, meet people and discuss knowledge is what stands out at Kathford. Labs and libraries are also equally loved by students.

But this is not where we stop, because we know that you will love many other things, and for which we are continuously developing new spaces and new infrastructures and bringing new tools and techniques to make you happier than those from previous year.

This is a place where you can unleash the best out of yourself.

Did you know that our students have won countless accolades and awards in various competitions? Did you know that they have pioneered in many technological advancements?

In recent years, Anjana, Priyanka, Rumi and Sushma won the Open Data Day Hackathon, while Saman, Rachita, Prem and Nabin won Automatic Akhada Robotics Competition in Tech Bihani 3.0. Roshan, Manzeal, Aasis and Rohini added to the already trophy-laded cabinets of Kathford by winning Software Competition in Himalaya Exhibition. The competition saw another team of Kathford - Dilip, Vishwas and Younes winning the second prize and clean sweeping the top two prizes in the competition. Asmita, Rumi and Sushma went one step ahead to compete (internationally) in NASA Space Apps Challenge and won coveted Runner-up prize. Amrit, Shraddha, Abiral and Yunip won Manual Akhada Robotics competition in CAN Infotech. These are just a few names from the long list of winners that Kathford has produced over the years. Kathford is renowned to instill Winner's DNA on the students.

Kathford has also been a centre for creators and innovators. Dilip, Santosh, Umesh, Sanjaya and Samel are renowned to have revolutionized hydroponics by digitizing its processes and made a major impact on agriculture sector. Similarly, Hriship, Amrit, Bikram and Laxman surprised everyone by developing an innovative paper bridge and carrying forward the baton of innovation passed on from their seniors from more than a decade ago. You will not find any other place where research, innovation and creativity are given as high importance and value as at Kathford.

We know, you are a winner.

A PLACE FOR
creators and
WINNERS

We play together in our courtyard, we eat together in our canteens, we go for a road trip along with each other, and we dance carefree in our events.

We are a BIG Kathford family. We coexist by supporting one another, caring for each other and fulfilling each other's needs. We, at one hand, work hard to provide you top class education, develop valuable skills in you and offer outstanding curriculum delivery. We also invest to extend your learning beyond classroom through numerous learning-based and recreational activities. You, on the other hand, toil to succeed academically, represent us in numerous events and competitions and win accolades for yourself as well as for us. During this course, we live together as a big family with love, harmony and mutual respect.

Together, we strive to make a difference in the society, for which we share knowledge, inspire with ideas, involve in analytical discourse and support to improve in our respective areas. We also challenge each other in creative front to ensure that we grow together for better future. We play together in our courtyard, we eat together in our canteens, we go for a road trip along with each other, and we dance carefree in our events. We fail together when our projects do not work, but we rise and succeed together when we triumph in competitions against others. We are proud to be together, we are proud to be at Kathford. Welcome to our BIG family at Kathford!

A BIG
family
AT KATHFORD

COURSES
we offer

Computer Engineering enables you to design, develop, assemble and operate computer hardware and software, and integrates various aspects of life with technology. The technological advancement has made enormous impact on people's life by connecting everything with technology. Our undergraduate program in Computer Engineering offers you a capacity to make an impact on society through technology.

Our broad curriculum emphasizes on programming, software engineering, database management and design. The knowledge developed through these theoretical foundations are strengthened by numerous practice-based teaching methodologies including practical studies, projects, workshops, competitions and challenges. At Kathford, we vow to develop outstanding computer engineering graduates not only with professional and technical knowledge and skills but also with passion to innovate, zeal to learn more and strength to overcome any challenge they face.

Admission Requirements
- Minimum 'C' in all subjects in PCL/+2 in Science with Physics and Maths or Biology with Extra Maths
- Must pass in IoE Entrance Examination

Why is it for you?
The generation before you innovated technologies and products that have been irreplaceable parts of your life. The legacy of innovation has now come upon the shoulders of those who have a passion to develop things for tomorrow and make an impact on the society as a whole. If you are someone who has this passion and determination to succeed, then computer engineering is for you. We, at Kathford, have the responsibility and resources to help you succeed and inspire you to innovate.

It's for you because we know you want to make an impact.

BACHELOR OF COMPUTER ENGINEERING

Major courses that we offer
- Computer Programming
- Object Oriented Programming
- Data Structure and Algorithm
- Software Engineering
- Computer Graphics
- Artificial Intelligence
- Database Management System
- Operating Systems
- Computer Network
- 3 Elective Courses

Scholarships
- Full Course Scholarships
- Academic Excellence Scholarships
- Special Scholarships for Girls

Kathford has made me what I am today — a successful and talented software engineer working at one of the renowned IT companies. When I joined EB Pearls as an intern, I was praised for my technical skills and analytical abilities, which I developed during my studies at Kathford. My college has also developed confidence, team spirit, learning zeal and humbleness in me. I will always take pride for being Kathford Alumni.

Navin Bista
Project Manager, Gyrovi Technology
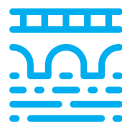
BACHELOR OF CIVIL ENGINEERING

Civil Engineering enables people to design, construct and maintain manmade environment and also modify and maintain natural environment. Development of a country is only possible if all parts of it are connected to each other and the resources of each part are easily transferable. Civil engineering makes such connection possible by developing roads, bridges, airports, canals, tunnels and railways, and makes the development of each place possible by constructing buildings for houses, offices, schools, universities, hospitals, shopping malls etc. Our undergraduate program in Civil Engineering enables you to become a leader and innovator of tomorrow's complex world.

For civil engineering aspirants, we offer a wide range of courses including hydropower engineering, concrete technology, engineering geology, transportation engineering, soil mechanics, design of steel structures and construction management. The knowledge developed through these theoretical foundations are strengthened by numerous practice-based teaching methodologies including practical studies, projects, workshops, competitions and challenges. At Kathford, we vow to develop outstanding civil engineering graduates not only with professional and technical expertise but also with passion to innovate, zeal to learn more and strength to overcome any challenge they face.

From my experience, I can say that Kathford is the college that prepares you for your future. I got an opportunity to learn from excellent lecturers who supported me with my studies as well as my projects. Kathford sees your hard work and provides you resources to succeed in your endeavours. I fondly recommend everyone to join Kathford.

Amardeep Chaudhary
Gazetted Officer, Government of Nepal

Admission Requirements
- Minimum 'C' in all subjects in PCL/+2 in Science with Physics and Maths or Biology with Extra Maths
- Must pass in IoE Entrance Examination

Why is it for you?
Civil engineering is for someone who is passionate about construction and design, thus becoming a part of development of Nepal through construction of buildings and skyscrapers, bridges, roads, tunnels, railway and airport. These infrastructures, without which economic development is impossible, connects all parts of the country, helps to access and utilize resources from every corner of the country, and creates jobs and economic opportunities for people all over the country. There wouldn't be any greater impact than contributing to a country's development. We, at Kathford, have the responsibility and resources to help you succeed and inspire you to make an impactful contribution.
It's for you because we know you want to make an impact.

Major courses that we offer
- Strength of Materials
- Soil Mechanics
- Hydraulics
- Foundation Engineering
- Building Engineering
- Concrete Technology and Masonry Structures
- Design of Steel and Timber Structures
- Irrigation and Drainage Engineering
- Design Reinforced Concrete Structures
- 3 Elective Courses

Scholarships
- Full Course Scholarships
- Academic Excellence Scholarships
- Special Scholarships for Girls
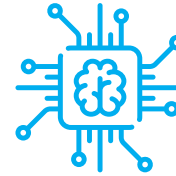
BACHELOR OF ELECTRONICS, COMMUNICATION AND INFORMATION ENGINEERING

Spectacular advances in electronics, computing and communications have made a huge impact on modern life. Studying Electronics, Communication and Information Engineering at Kathford, you become a part of this revolution, and gain the knowledge and skills to make your own mark in this exciting field. Our

undergraduate program in Electronics, Communication and Information Engineering offers a wide range of curriculum on electronics devices, microprocessors, control system, embedded system, telecommunication, wireless networks, digital signal processing and programming.

We build strong theoretical foundation on you, strengthen your skills and enable you to implement and innovate electronics and communication systems through lectures, simulations, projects, workshops, seminars, guest lectures and numerous practice-based teaching methodologies. At Kathford, we vow to develop outstanding electronics, communication and information engineering graduates who are not only sound in electronics and communication systems but also strong in programming front, thus offering wider range of career possibilities. We provide professional and technical knowledge and skills to our students along with strong passion to innovate, zeal to learn more and strength to overcome any challenge they face.
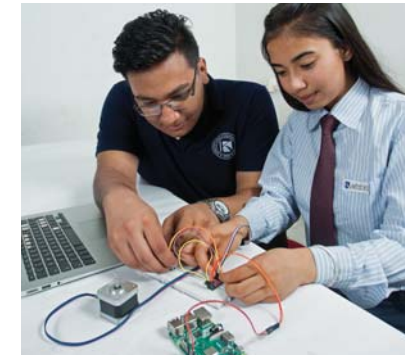
Admission Requirements
- Minimum 'C' in all subjects in PCL/+2 in Science with Physics and Maths or Biology with Extra Maths
- Must pass in IoE Entrance Examination

Why is it for you?
You want to make an impact on the world. You want to lead the new generation of innovations. You have a passion to develop things that will be irreplaceable parts of lives tomorrow. You are determined to succeed, and you are inquisitive to learn. You want to be a part of revolution that will digitally improve the world into a better and easier place to live at. You are responsible and you aspire to innovate. Need we say more why is this course for you?
We have designed it for you the way you'd want it to be.

Major courses that we offer
- Microprocessor
- Control System
- Signal Analysis
- Antenna and Propagation
- Telecommunication
- Filter Design
- Wireless Communication
- Digital Signal Processing
- Object Oriented Programming
- 3 Elective Courses

Scholarships
- Full Course Scholarships
- Academic Excellence Scholarships
- Special Scholarships for Girls

Kathford College gave me a great opportunity to broaden my knowledge and inspired me to learn beyond the curriculum. I loved the diverse multicultural environment at Kathford which was immensely helpful while studying. At Kathford, I made friends for lifetime. For me, it is a home away from my home.

Yubaraj Poudel
CEO, Mantra Ideas Pvt. Ltd.
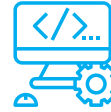
BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (BSc. CSIT)

BSc. CSIT is a specialized computer science and IT program that enables you to design, develop and operate computer software and make life more convenient through technology. BSc. CSIT graduates have unparalleled job opportunities in national and global market and we at Kathford, vow to develop you as one of the most competitive candidates.

Our broad curriculum emphasizes on programming, software engineering, database management and design. We also offer full-fledged training on latest programming languages and technologies. The knowledge and skills developed through these theoretical foundations are strengthened by numerous projects, workshops, competitions and challenges. At Kathford, we vow to develop outstanding BSc. CSIT graduates not only with professional and technical knowledge and skills but also with passion to innovate, zeal to learn more and strength to overcome any challenge they face.

I joined Kathford for BSc.CSIT program like a blank canvas in 2009. Four years later, the canvas was filled with vibrant streaks of confidence, self-development and a sense of accomplishment. It was surely a "Journey of Turning from Caterpillar into a Butterfly". It has been around 4 years since I graduated and I can see the change in me that Kathford BSc.CSIT program has brought. A great value has definitely been added and it truly makes me proud to get this incredible experience from Kathford.

Aashish Shrestha
Sr. Software QA Engineer, Braindigit IT Solutions

Admission Requirements
- Minimum 'C' in all subjects in PCL/+2 in Science
- Must pass in IoST Entrance Examination

Why is it for you?
Technology has transformed lives tremendously with numerous advancements in the ways we do things. But there are still innumerable aspects of lives which could be made more convenient, and those who have a passion to develop things for tomorrow have the opportunity to make significant impact on people's lives. We know you want to make this ever lasting impact, and we know you have that passion. Then join us in our outstanding BSc. CSIT program with your zeal to succeed and we will provide you with necessary resources and guidance to help you succeed. It's for you because we know you aspire to innovate.

Major courses that we offer
- Object Oriented Programming
- Operating Systems
- Database Management System
- Artificial Intelligence
- Design and Analysis of Algorithms
- Software Engineering
- E-Governance
- Advanced Java Programming
- Advanced Database
- 5 Elective Courses

Scholarships
- EB Pearls Australia Scholarships
- Entrance Topper Scholarships
- Academic Excellence Scholarships
- Special Scholarships for Girls

BACHELOR OF COMPUTER APPLICATION (BCA)

Bachelor of Computer Application is another IT program at Kathford that does not only offer you outstanding curriculum delivery but also ensures that you are well acquainted with latest technology and trends. At Kathford, we inculcate essential skills demanded by national and global software industry through interactive learning process. Our curriculum has been designed to cater ever-changing demands of information technology sector with necessary inputs from the industry, and offers four integrated industry-oriented specializations in association with popular software companies.

Our program, which we fondly call BCA+ offers specialization courses in E-Commerce, Business Analytics and Mobile Computing in association with EB Pearls Pvt. Ltd. and Cloud Computing in association with Access World Pvt. Ltd. These additional in-demand courses are delivered by domain experts from our partner organizations. Our students do not only obtain expertise in these technologies, but also obtain industry exposure and get access to real world projects, which keep them one step ahead from other science and technology students.

Admission Requirements
- Minimum 'D+' in all subjects in PCL/+2 in any subject
- Must pass in BCA Entrance Examination

Why is it for you?
IOT has connected all household devices to internet and created a perfect marriage between physical and digital worlds creating tremendous opportunities for those who aspire to see oneself as an impactful IT professional. With technologies like artificial intelligence, machine learning and touch commerce becoming increasingly popular across every industry from banking to healthcare, technology is revolutionizing the way we do business and making high-tech approaches an integral part of our lives. If you are passionate to innovate technology, our BCA+ program is for you.
It's for you because you are the change that you want to see in this world.

Major courses that we offer
- Web Technology
- Software Engineering
- Database Management System
- MIS and E-Business
- Mobile Programming
- Advanced Java Programming
- Network Programming
- Cyber Law and Professional Ethics
- Cloud Computing
- 4 Elective Courses

Scholarships
- EB Pearls Australia Scholarships
- Academic Excellence Scholarships
- Special Scholarships for Girls

IT education at Kathford is indeed the best course among TU affiliates because of the way Kathford delivers it. I was amazed to find excellent tutors, amazing resources and exciting projects that we were involved with. After graduating from Kathford, I am no less than Computer Engineers and have experienced successful career in software engineering. Today, I am a Team Leader of a big .NET team at EB Pearls, and I give due credit to Kathford and the faculty members at Kathford for all my success.

Prasanna Bajra Bajracharya
Team Leader, EB Pearls

BACHELOR OF BUSINESS ADMINISTRATION (BBA)

BBA is business degree that equips you with excellent managerial skills combined with practical organizational skills and experience. Corporate world has become fiercely competitive, and people with mediocre managerial expertise have no place anymore. Our undergraduate program in business administration offers analytical skills, critical thinking capability and expert business acumen.

Operations, branding, marketing and sales, human resources, business development and finances are the most important aspects of any organization's growth, and the broad curriculum of BBA program at Kathford incorporates all these areas offering you an expertise in each of them. The knowledge developed through these theoretical foundations are strengthened by numerous practice-based teaching methodologies including practical studies, projects, workshops, competitions and challenges. At Kathford, we vow to develop outstanding management graduates not only with professional and technical knowledge and skills but also with passion to innovate, zeal to learn more and strength to overcome any challenge they face.

Admission Requirements
- Minimum D+ grade in each subject with 1.8 CGPA

Why is it for you?
The business world needs leaders every year who, with their innovative ideas, can transform the way we do business. The way we manage people, the way we handle resources, the way we market our

products, the way we create brands, the way we strategize growth, the way we manage finances and everything we do to run our businesses has changed drastically over the course of time. And for improving each of these processes, we need people with strong business acumen, mind-blowing creativity, passion to lead changes and perseverance to succeed. We know you have the passion and perseverance. We, at Kathford, provide you knowledge and resources to strengthen your business expertise and numerous platforms to sharpen your creativity.

It's for you because we know you can lead the change that the business world needs to improve.

Major courses that we offer
• Principles of Management
• Business Law
• Business Finance
• Cost and Management Accounting
• International Business
• Entrepreneurship
• Business Research Methods
• Banking and Finance
• Micro Enterprise Management
• Industry and Services Management

Scholarships
• Government Education Scholarships
• Academic Excellence Scholarships
• Special Scholarships for Girls

I always tell my colleagues that Kathford carved the path for my success. The professional skills and core knowledge that I gained at Kathford had helped me obtain my first job. I only built upon the strong base that Kathford developed in me to enjoy further success. Kathford nurtured a sense of responsibility and zeal to succeed in me, which have had a lasting impact in my personal and professional life. I look at Kathford as my second home.

Dhirendra Kushwaha
Brand Manager,
Nepal Tradelinks

BACHELOR OF BUSINESS MANAGEMENT (BBM)

BBM is a business and management degree that helps you excel your business acumen through industry focused curriculum. With a BBM degree, you can specialize in major in-demand areas including Banking and Finance, Sales and Marketing, Insurance and Risk Management, and Entrepreneurship and Enterprise Development. Our undergraduate program in business management equips you with excellent managerial skills, strong analytical skills, critical thinking capability and expert business acumen.

In BBM program, we engage you in numerous skill-based activities to enrich your business knowledge, develop your managerial skills and empower you critical and analytical thinking capability. At Kathford, we vow to develop outstanding management graduates not only with professional and technical knowledge and skills but also with passion to innovate, zeal to learn more and strength to overcome any challenge they face.

Admission Requirements
• Minimum D+ grade in each subject with 1.8 CGPA

Why is it for you?
The business world needs leaders every year who, with their innovative ideas, can transform the way we do business. The way we manage people, the way we handle resources, the way we market our products, the way we create brands, the way we strategize growth, the way we manage finances and everything we do to run our businesses has changed drastically over the course of time. And for improving each of these processes, we need people with strong business acumen, mind-blowing creativity, passion to lead changes and perseverance to succeed. We know you have the passion and perseverance. We, at Kathford, provide you knowledge and resources to strengthen your business expertise and numerous platforms to sharpen your creativity.

It's for you because we know you can lead the change that the business world needs to improve.

Major courses that we offer
• Financial Accounting
• Financial Management
• E-commerce
• Business Environment in Nepal
• International Business
• Focus Area: Bank Operations and Cooperative Management
• Focus Area: Sales and Marketing
• Focus Area: Insurance and Risk Management
• Focus Area: Entrepreneurship and Enterprise Development
• 3 Elective Courses

Scholarships
• Government Education Scholarships
• Academic Excellence Scholarships
• Special Scholarships for Girls

I find Kathford a student-friendly, encouraging and inspiring college, which keeps its students at topmost priority. It does not only provide excellent education but also stimulates creative sides of students. Kathford is very open and supportive to student ideas, and the faculties nurture our ideas to make it successful. I loved studying at Kathford.

Reja Makaju
Founder, Creative Club

WHY STUDY AT
kathford

We have thousands of reasons why you should study at Kathford for your undergraduate degree. Here are few compelling ones.

Outstanding Teaching Faculty
We boast of our outstanding teaching faculty who have spent decades in teaching, research and academic consultancy. They are with us full-time, and support you in your course, projects, research and career.

Strong Industry Network
We have a strong relationship with numerous organizations that provide scholarships for our students, offer job and internship opportunities and also get involved in teaching and projects for our students in various domains.

Academic Goals and Strategies
Our Academic Goals and Strategies guide our curriculum delivery and teaching methodology. We formulate academic targets, curriculum goals and teaching and learning strategies so that you get the best out of us and yourself.

Amazing Student Clubs
One of the best things about being a part of Kathford is the student clubs that you can be part of, learn, enjoy and unleash the best out of yourself. They keep you engaged with many learning and fun activities.

Excellent Learning Resources
Our well-resourced engineering labs, advanced computer labs and two well-equipped libraries are always open for you to practice learnt lessons, explore new things, and turn your ideas into reality.

Learning Beyond Classroom
We offer you more projects & simulations, involve you in groupworks & workshops, engage you with seminars & events, and continuously challenge you with questions to sharpen your understanding and hone your skills.

Latest Technology Training
We offer numerous training programs on latest technology so that you are better prepared for your workplace and have all required skills and understanding of latest trends in technology.

Excellent Learning Environment
Our students take pride on the learning environment that we offer to them. We provide you adequate space for learning, opportunities to engage in logical and analytical discourses, encourage research and support in projects and competitions.

Numerous Scholarships
We offer numerous full, partial and special scholarships to those who believe in themselves, are inquisitive and determined to succeed, and have high learning zeal. Our utmost priority is to help you make the most out of your education and life.

OUR ACADEMIC
strategy

We formulate academic targets, curriculum goals and teaching and learning strategies as a part of our academic strategy.

We have a purpose to impart knowledge to our students, to develop their skills for their competitive advantage in the job market, and to inculcate creativity and innovation on them. We meet our purpose through our academic strategy that we have formed for each of our courses. We formulate academic targets, curriculum goals and teaching and learning strategies as a part of our academic strategy.

Academic Advisor
Each of our programs have a dedicated Academic Advisor who does not only guide and support faculties and department heads to achieve our academic goals, but also derives solutions for every challenge faced during the course. Academic Advisors ensure that our departments meet each and every teaching and learning requirements so as to provide our students with maximum benefits.

Curriculum Map
Each program at Kathford is driven by a curriculum map which provides phase-wise learning objectives and targets; maps them with lectures, trainings and activities; enlists essential resources; and recommends teaching methodology to ensure that our students develop strong knowledge base and skill-base. Our curriculum map does not only incorporate the curriculum assigned by Tribhuvan University but also integrates skill-based courses to ensure that our students are prepared for tomorrow's technology and corporate world.

Lesson Plan
Our lesson plans are tied up with our academic strategy and curriculum map that guide our faculties with teaching content and materials and teaching methodology to ensure that each lecture is provided effectively. The progress of lectures according to lesson plan is tracked by using our internal tool called 'Course Progress' which helps us know how well our students are learning inside and outside classroom.

Teacher's Professional Development
To maximize the effectiveness of our lectures and out-of-class activities, we train our teachers in line with our academic goals and strategies, curriculum map and lesson plan. We provide them various teaching methods trainings besides a score of technology-related trainings.

Quality SOP
Quality SOP are the parameters that we check to ensure that the quality of teaching and skills development is at par. We conduct quality checks every semester to ensure that our contents and our methods are highly effective for our students' learning. We have developed a set of input, process and output indicators to gauge our academic quality. Such internal audit of our academic deliverables helps our students to become an outstanding graduate ready for job market.

STUDENTS *Club*

RoboKATH
We are a robotics research and development body that trains and engages students in robotics research, design and development. We organize numerous workshops and trainings on robotics, Arduino microcontroller, electronic circuit design, line tracking robots, drones, IOT, Raspberry Pi, image processing, machine learning and wireless technology.

KathFOSS
We are a Free and Open-Source Software community that engages students in open source software research and development; promotes, develops and diversifies Free/Open Source software; and organizes various workshops, programs, seminars and competitions to develop inquisitiveness among students and inspire them to innovate new technologies. Every year, we organize two events – Evolve, an open themed coding competition to generate new ideas; and Code to Solve, a theme based coding competition to solve a social problem.

CESSKath
We are a Civil Engineering student society of Kathford that conducts various research and development and learning activities to impart construction and sanitation related knowledge and skills to students and to uncover their research persona for solution generation for our daily-life problems.

Creative CLUB
We are a very dynamic student body of Kathford that encourages your inquisitiveness, expands your creative brain, strengthens your social skills, develops amazing thoughts and turns your ideas into reality through different activities, competitions and events. It's where you get space to think, resource to create and platform to showcase your ideas.

FACILITIES
on campus

Engineering Labs
All of our engineering labs are fully furnished with latest equipment and are abundant for all the students to conduct experiments simultaneously. Our resource persons in every lab are well-trained on instrument handling as well as on safety measures.

Computer Labs
We have six computer labs that are well equipped with latest computers and high-speed Internet to ensure that your projects and researches are aptly supported by technology.

Library
We have two spacious and well facilitated libraries with thousands of books, journals, articles, magazines and other learning resources. In addition, we also provide you with a set of course books in each semester.

Cafeteria
Our two outsourced cafeterias are hygienic, offer wide range of menu and provide cost effective options of healthy food. To ensure hygiene, ambience and sanitation for you, we conduct regular audits and checks of the cafeterias.

Xilinx University Program Center
We collaborate with Xilinx University to conduct FPGA based research and development in Nepal. To facilitate this, we have a Kathford-Xilinx University Program Center, well equipped with 25 VIVADO licenses and ISE licenses. Through this center, we organize regular workshops for FPGA programming.

Sports
We organize various sports competitions and encourage you to participate in them to not only keep you fit but also to freshen yourself from your studies. Moreover, we believe that sports teach you life lessons on discipline, teamwork, competitiveness, winners' mentality and sportsmanship. And what better way to learn things than by playing around?

Trips and Tours
We organize numerous trips and tours for you with recreational and educational purposes. We ensure that our students have utmost fun during the tours. At the same time, we encourage you to learn about social problems at the place and ideate managerial and technological interventions to solve those issues.

LEARNING
beyond the
CLASSROOM

There are much more learnings imparted beyond lectures, and you are more than welcome to suggest more of such. We know you learn more out of class, and that's where we focus because Kathford is where learning extends beyond classroom.

We believe that students learn better when they are encouraged to think free, provided resources and environment to nurture their knowledge, and engaged in analytical discourse. That's the reason why we offer you more projects and simulations, involve you in numerous groupworks and workshops, engage you with seminars and think pots, and continuously challenge you with questions to sharpen your understanding and hone your skills. We involve you in various extracurricular activities like AIM2Flourish, social activities, internal competitions, trainings, workshops, peer learning activities etc. We also encourage and support you to participate and compete in external events and competitions. There are much more learnings imparted beyond lectures, and you are more than welcome to suggest more of such. We know you learn more out of class, and that's where we focus because Kathford is where learning extends beyond classroom.

Tell us how you want to learn.
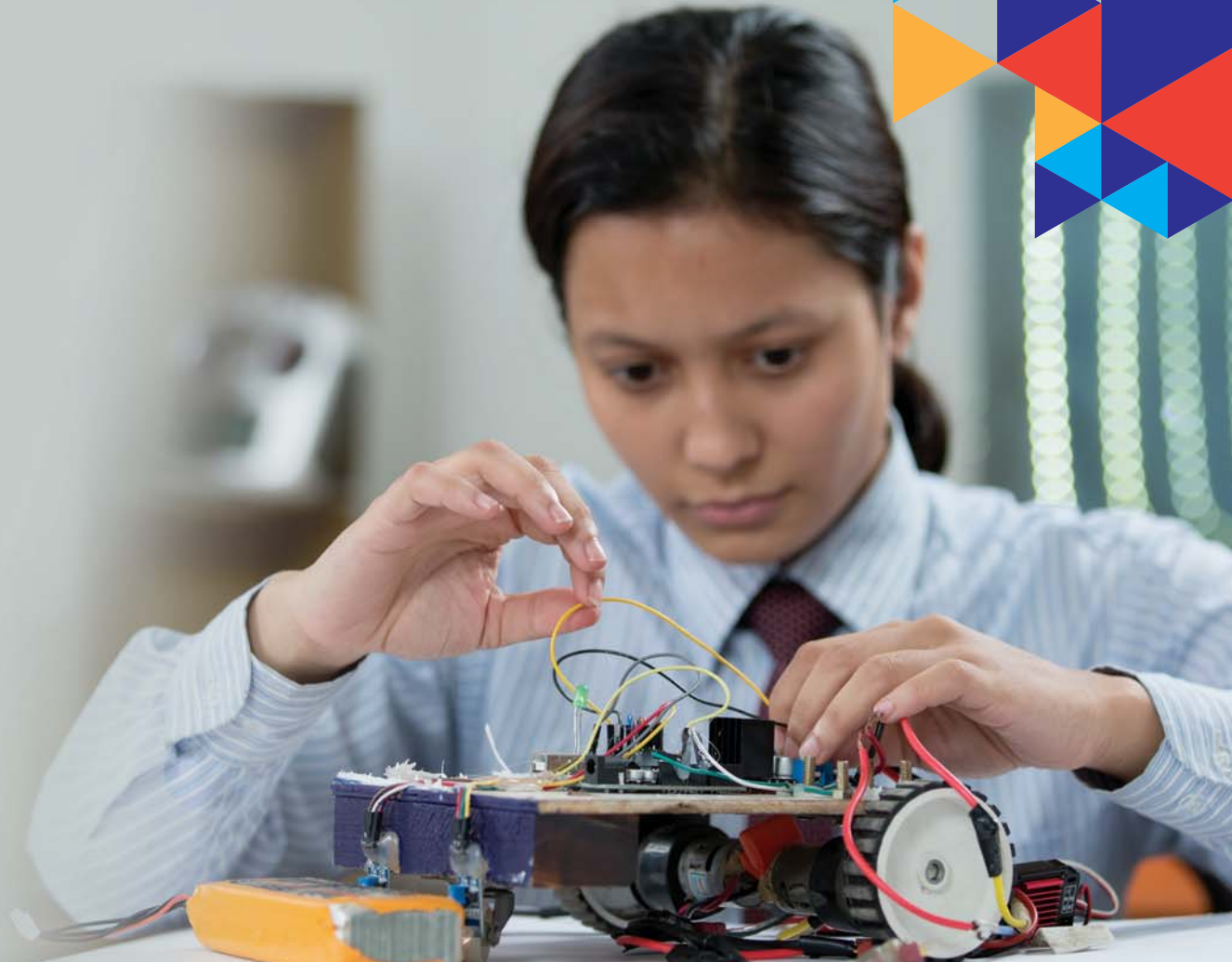
STORIES OF OUR OUTSTANDING
students

Rachita Maharjan,
6th semester,
Computer Engineering

Rachita is President of KathFOSS. She is an excellent programmer who developed a web app to showcase products of women handicrafts in Nepal and help to solve unemployment issues in handicraft sector in some extent. Her idea was selected as the Top 10 concepts in IdeaHunt Nepal, a popular entrepreneurial incubation center. She also represented Kathford in various software events and exhibitions like Techbihani, Srijana and HEx. She is exceling her knowledge in Machine Learning.

Saman Ratna Buddhacharya,
6th semester, Computer Engineering

Saman is an aspirer of space exploration and robotics and has won various robotics as well as software competitions including Automatic Robotics Competition in Techbihani. He was Vice President of RoboKATH in 2018. He also won Code to Solve competition on the theme of 'unemployment' along with Rachita where they developed a web app to promote and sell handicraft products of women handicraft entrepreneurs. They represented Kathford in Idea Hunt and were selected among Top 10 ideas.

Alish Dahal,
4th semester,
Computer Engineering

Alish is our programming prodigy, who won coding competition in Yatra 2018 despite being in his early undergraduate years. He has an outstanding capability to convert ideas into codes and generate exceptional products. He represented Kathford in Locus, HEx Hackathon and other national level events and competitions.

Yunip Lal Shrestha,
4th semester,
Computer Engineering

Yunip is another Kathford prodigy who is dedicated to excel in game development, android development and robotics. He is an executive member of KathFOSS. He has won Manual Bird Fighting Competition (robotics competition) in CAN Infotech, presented automatic fighting bird in Srijana Exhibition, participated in HEx software exhibition and in Evolve and Code to Solve coding competitions. He also mentors students from Kantipur City College for their projects.

Saphal Ghimire,
6th semester, BSc. CSIT

Saphal is a Microsoft Student Partner and an active tech aspirer. He won 2nd prize in a crowd sourcing event for 3D local GIS Map conducted by Alleys Map, a Japanese map development company. For this, he worked regularly at Microsoft Innovation Center. He also organizes and delivers trainings and workshops on R, .NET, web designing, C programming and Microsoft Office Championship. He also led the Hackathon competition organized during Kathfest 2018. He represented Kathford in HEx Software Exhibition 2018 with a medical web app and won 2nd prize in HEx 2019 Code Jatra Competition with a one point travel app for tourists in Nepal.

Sampada Dahal,
8th semester, BSc. CSIT

Sampada is CSIT representative at KathFOSS and a Microsoft Student Partner. She has conducted Microsoft workshops for a year and organized GitHub workshop for fellow students. She has also represented Kathford in various software events including Open Data Day Hackathon. She is also certified with Microsoft Office Certification. Moreover, she is a speaker at Story Yellers where she shares her stories of opportunities, challenges, triumph.

Sudarshan Prakash Khadka,
4th semester, BSc. CSIT

Sudarshan is an amazing talent at Kathford who is very popular for performance poetry. He has humongous fan base in YouTube for his poetry performances. Kathford has not only realized his talent, but has also encouraged and supported him by showcasing his talent in internal and external events. Besides, he is also an able software programmer.

Amrit Kunwar,
6th semester,
Civil Engineering

Amrit is President of CESSKath and a charismatic leader, who is working diligently to develop technical and soft skills in fellow civil engineering students. He has won Paper Bridge Competition in HEx Competition for Kathford along with his team, and has taught fellow students on how to develop paper bridge models. He has led trainings and workshops for CESSKath and envisions to conduct numerous events, trainings and workshops for civil engineering students to enrich them with technical as well as managerial expertise.

Prakash Marasini,
8th semester, BBA

Prakash is the torchbearer of AIM2Flourish activities at Kathford and has craftily developed entrepreneurial story that was selected among 100 best stories around the globe by AIM2Flourish. Kathford collaborates with Case Western Reserve University, Ohio, USA for AIM2Flourish, world's first global initiative steering future business leaders towards achieving the UN Sustainable Development Goals (SDGs).

Bibek Koirala,
8th semester,
Computer Engineering

Bibek is a young pioneer in Blockchain technology in Nepal. Whilst studying at Kathford, he is already working at eSatya Pvt. Ltd. as Chief Blockchain Officer. He is BUIDL Ambassador for Kathmandu and is Executive Member of Blockchain Foundation Nepal. He has conducted numerous trainings and workshops in Blockchain technology within Kathford and also in numerous parts of Nepal. He is praiseworthy asset of Kathford.

HELLO
future

While there are extensive job opportunities in each of these fields, there are many entrepreneurial prospects as well.

The pasture is green for our engineering, management and IT graduates in Nepal and around the world. While there are extensive job opportunities in each of these fields, there are many entrepreneurial prospects as well. Our computer engineering graduates work as software engineers, hardware engineers, network engineers, data analysts, data scientists, apps developers, game developers and system architects. Our electronics engineering graduates work as telecommunication engineers, hardware engineers, system architects, system designers, product designers as well as software engineers and apps developers. Our civil engineering graduates are employed as construction engineers, construction managers, environmental engineers and urban planning engineers. Our IT graduates work have the same career options as computer engineers and are working in similar roles in many organizations. Meanwhile, our management graduates are employed in various financial, manufacturing, service and retail sectors in different managerial roles.

We, at Kathford, prepare you for competitions you face in the job market and for all kinds of challenges you may come across at workplace. Our career counselling team helps you to overcome anxiety, prepare best resume and cover letter, guide you through job application process, and walk through with you to find out most suitable career options for you. We walk hand-in-hand with you for your career enhancement.

Popular Employers of our Graduates
- Artificial Intelligence for Development
- Asian Paints
- Braindigit IT Solutions
- City Express Money Transfer
- Datum Systems
- Deerwalk IT
- Dish Home
- EB Pearls
- Esatya
- eSewa
- F1Soft International
- Government of Nepal
- Gyrovi Technology
- Him Electronics
- Huawei Nepal
- IC Markets
- IsraAID Nepal
- Janata Bank Ltd.
- Kathmandu Living Labs
- Leapfrog IT
- LIS Nepal
- LogPoint
- Mantra Ideas
- Mega Bank Nepal Ltd.
- Microsoft Innovation Centre
- MS Soft Crystals
- Nabil Bank Ltd.
- National Reconstruction Authority
- Nepal Investment Bank Ltd.
- Nepal Tribune Media
- NIC Asia Bank Ltd.
- NMB Bank Ltd.
- Robotics Association of Nepal
- Sanima Bank Ltd.
- Sipradi Group
- Tech For People
- Women Leaders in Technology
- Yeti Airlines
- Young Innovations
- Nepal Tradelinks

OUR
Team

Our team members are our greatest asset. Kathford's success depends on the talented, creative and committed people who work hard to make this college so special and distinctive.

Kathford boasts of highly acclaimed academic staff who guide and support the academic development of our students. We believe in blending academic excellence with practical impact leading our students to a professional pinnacle. We maintain high standards in our teaching practice and work with industry, business, and companies to ensure the relevance of our teaching.

Our ability to deliver outstanding results in terms of our students' grades and their career excellence starts with our team of smart, capable, learned and dedicated teaching faculty and administrative staff. As unique as we are individually, we share a mutual passion for education and delivering outstanding curriculum to our students. Our team often work beyond expectation to ensure that our students are not only well-educated but are also ready for workplace scrutiny through projects, beyond classroom learning activities and assignments. We pride ourselves on our team's strategic, integrated approach to deliver excellent education.

Our team members are always ready to help you excel.