


Affiliated to TU 
4 Year - 8 Semesters



BCA | B.Sc. CSIT

 **Swastik**
College

10 FACTS ABOUT SWASTIK COLLEGE

1. Established in 2013
2. Highly Qualified and Experienced Faculty
3. Problem Based Learning (PBL) Approach
4. Reputed Management Committee
5. Innovative Environment
6. Well-equipped Labs and Library
7. Ample Extra-curricular Activities
8. Professional Training & Internships Opportunities
9. 100% placements after completion of Bachelor's Degree
10. Placements in  and 

ACADEMIC PROGRAMS

BCA

Bachelors in
Computer Application

4 years – 8 semesters
Affiliated to TU

B.Sc. CSIT

Bachelors of Science in
Computer Science and
Information Technology

4 years – 8 semesters
Affiliated to TU

Message From **THE CHAIRMAN**



Dear Prospective students, parents and guardian,

It is my immense pleasure to welcome you to our Swastik College, a premier academic institution in the field of Computer Science and Information Technology (CSIT) and Computer Application which is dedicated not only to impart high quality education but also to ensure future carrier of the students. I am additionally delighted to convey that F1Soft group including eSewa, a highly reputed group in the field of IT, is now associated with the college. I am fully confident that with such a group's attachment and contribution, there will be profound positive impact on the high quality education and practical knowledge on IT application for ensuring competitive edge of our students in the changing 21st Century market. Toward that end we have also introduced internship program throughout all semesters. At the same time, college is committed to guarantee employment to the students who complete degrees from our college. The reputed academicians, professionals & entrepreneurs that have established the college are highly devoted to make the college an academic centre of excellence in the IT and related field.

With the same objective and motto, the college has attached high priority to create very conducive class as well as external surrounding environment. The college has built new building in the complex with wider room spaces and other modern facilities to the students. A special canteen has been made available for ensuing hygienic food to the students. Modern library, computer practical room and research and development linked special computer facilities are the distinct features of the college.

The college runs B.Sc. CSIT and BCA programmes. The college has mobilized highly qualified teachers in their fields and hence they are devoted to provide high quality education and knowledge to the students. Teachers follow highly advanced methodology and more updated techniques to that end. A regular feedback from students and parents is taken to ensure that learning by students is never compromised. The college also carries and encourages extracurricular activities of the students. Focus and promotion to the college exchange program with reputed international colleges added by exposure program of bright students at both national and international level is also an equally priority of the college. In such various new endeavours aimed at bringing distinct shifts in the learning system your support and encouragement will be highly valuable to us.

Last not the least, I would like to express my sincere gratitude to all founding members and new college partner -F1Soft group for encouragement, support and guidance. I am equally indebted to the college family including faculty members and staffs for their dedication to bring the college to the new level.

DILLI RAJ KHANAL (PhD)

Message From **THE PRINCIPAL**



Dear Students/Guardians,

It's my pleasure to welcome you at Swastik College, an emerging Information technology (IT) college on the journey of academic excellence. We are excited to guide you towards promising future in IT with hard work, dedication, commitment in joyful atmosphere along with ECA activities. We are committed to produce highly qualified, innovative, motivated and competent IT professionals who can utilize the cutting-edge knowledge and skills for the advancement of computer science and information technology.

We all arguably agree that the world is now dominated by IT. To cope with the pace of technology, we provide innovative teaching- learning environment, state-of-art infrastructure, highly qualified and experienced faculties, adequate professional trainings and industrial collaborations. I am happy to share you that we are recently associated with F1Soft group, a group of IT companies including eSewa that revolutionized the payment system in Nepal, for professional IT trainings, and internships and corporate placement. With this association, we can assure you that none of our graduates will be unemployed if he/she undergoes through our academic path as well as extensive training and internships channel.

At Swatik, we are offering bachelor's degree IT programs, B.Sc. CSIT and BCA, affiliated to TU. With the goal to be an academic hub, we are planning to extend our domain to other bachelors and master degree programs with national and international affiliations. At the same time, we are working on quality assurance accreditation (QAA) to UGC, as a measure of academic standard. We are striving to create academic ambient focusing with research activities at Swastik College which will help our graduates to excel in national and international organizations in the field of IT.

Our IT graduates can work as Software Engineer, Network Engineer, AI/BI Engineer, QA Engineer, Database Administrator, System Analyst, Web Developer, App Developer, Technical Manager, Project Leader, Data Analyst/Scientist, Principal Engineer as well as IT academician and researcher. Along with these different career options, we encourage

Best Wishes
Er. YUBA RAJ SIWAKOTI

Message From **THE PROGRAMME COORDINATOR**



Dear perspective students, Swastik College is excellent choice to study B.Sc.CSIT or BCA courses as per your interest and academic merits because Swastik College is committed to assist its students to attain their academic excellence through well established international practice of content delivery of theory and practice. We take pride that our students learn and flourish their creativity in fun and well managed educational environment of Swastik College. We are eager to nurture the talent and intelligence of our students so that they enjoy their duration of study at Swastik College rather than endure it. We want to shape our students to become professional problem solvers who want to make their name for themselves for the nation. We challenge students to adapt to the state of the art of information technology. It is true that information technology is ever changing and it changing rapidly, it is inevitable they adapt to it. Even though the B.Sc.CSIT and BCA courses are excellent in themselves, we also train our students in every semester with certification courses such as in PHP, Python, CCNA, UI/UX, Graphic Design, and Android apps development to adapt and stay relevant in the market force.

Swastik College would like to guide and shape its students to be excellent academically and socially responsible. Swastik College would give its students the problem solving tools to enhance their skills. Our team, here at Swastik College, encourages students to participate in public speaking experience, which is often overlooked in most of the colleges that are running CSIT course. We put conscious effort to foster creativity and hunger for knowledge among students so that our students develop multifaceted expertise which, we believe, will keep them well prepared for the forthcoming challenges.

GOBINDA SUBEDI

VISION

To establish the hub of Computer Science and Information Technology both in theory and practice in pursuit of knowledge to the generation of the 21st Century and become regionally leading and internationally recognized school of IT.



MISSION

- To build a legacy of academic excellence through theory and practice in IT.
- To produce future IT professionals and entrepreneurs through innovative, creative and value based academic practices.
- To plan and execute quality academic activities leading to research output of global standard, and provide IT resources, expertise, and services to Nepal.

BCA PROGRAMME

It is a full time course of 126 minimum credit hours and students from any faculty can join this program with minimum eligibility criteria as prescribe by TUFOHSS. Upon completion of all requirement as prescribed in the curriculam, the degreeis awarded by Dean Office of the faculty of Humanities and Social Science (Tribhuvan University). The duration of this programme is overa period of eight semesters (four academic years). The objective of this program is to produce high quality computer application user, developers and real world problem solvers.

Course Structure

Courses	Credit Hours
Computer Application (Core Courses)	71
Elective Courses	12
Mathmatics and Statistics Courses	09
Language Course	06
Social Science and Management Courses	15
Project and Internship	13
Total Credit Hours	126

ELIGIBILITY

1. Applicant must appear and pass entrance exam conducted by Tribhuvan University Faculty and Humanities and Social Sciences (TUFOHSS).
2. Minimum D+ grade in each subject of grade 11 and 12 with CGPA 2.0
3. Minimum score of second division marks in 10+2, PCL or Equivalent in any discipline
4. Students who have passed grade 11 and are waiting for supplementary exam (PURAK PARIKSHA) of grade 12 can also apply. But, they have to submit all the required documents at the time of admission.



B.Sc. CSIT PROGRAMME

Bachelor of Science in Computer Science & Information Technology (B.Sc. CSIT) is a 4-years (8-semester) course provided by Tribhuvan University, Nepal. With a total of 126 credit hours, the course is designed to provide students with all round knowledge in the field of Computing and Information Technology. Curriculum- wise, the course is regarded as one of the best amongst It related courses that have been introduced ever in Nepal. The objective of the course is to produce internationally competent professionals to fulfill national and international demand of qualified human resource in the field of Computer Science and Information technology.



CREDIT HOURS

The B.Sc. CSIT is eight-semester programme with four year of study. The programme is designed to explore underlying principles of both computer and information technology and to enable the students to apply these principles into the real world problems. It will develop students the skills that are essential for both computer professionals and IT specialists. The course consists of 126 credit hours with 75 credit hours for core computer science course.

75	Computer Science Core Courses
15	CS Elective Courses
12	Mathematic Courses
09	Internship Courses
06	Natural Science Elective Courses
06	Social Science & Management Courses
03	English Courses

FEATURES OF THE PROGRAMME

- 4 years (8-semester) course designed and prescribed by TU.
- Recognized by national and international IT companies.
- Internship of 9 credit hours during 4 years of college.
- Elective courses from 5th semester for the program.
- Appropriately designed course for programming skill, networking skill, knowledge of data administration and completion of IT projects.

ELIGIBILITY

1. Applicant must appear and pass entrance exam conducted by Tribhuvan University Institute of Science and Technology (TUIOST).
2. Minimum C grade in each subject of 11 and 12 (Science stream) or +2 with minimum second division or 3 years diploma engineering with minimum second division or A Level (Science Stream) with minimum D Grade.
3. Applicant must have taken Physics and Math, each having at least 100 full marks.



HOW TO APPLY

Applicants are required to appear in entrance examination to be conducted by Institute of Science and Technology (IOST), TU and should pass in order to be eligible to study the B.Sc. CSIT. The application forms are available in all the colleges running B.Sc. CSIT programme.

CAREER OPTIONS

BCA (TU) and B. Sc. CSIT (TU) are highly competitive and thoroughly revised courses that are par with highly accredited international universities. Upon graduating, students will be qualified for various career fields.

- Computer Scientist
- System Analyst
- IT Executive/Consultant
- Information System Analyst
- IT Software/Application Developer
- System Administrator
- Network Administrator
- IT and Computer Science Teaching Profession
- Database Administrator
- Data Warehouse Administrator
- Big Data Analyst
- Web Designer/Developer
- IT Project Manager
- Games Designer/Developer
- IT Entrepreneur
- Android/iOS Developer



TECHNICAL TRAINING

We provide technical trainings to our students throughout all semesters based on market demands and students' interests. We believe these trainings will add significant expertise to the already acquired knowledge base by the students.

In current semesters, we are running following technical trainings containing 60-70 hours classes followed by project works.

S.N. Course	Students Group
1. Graphic Designing	II/IV semester BCA and B.Sc. CSIT
2. JavaScript	IV/IV Semester B.Sc. CSIT
3. Python	IV/IV Semester B.Sc. CSIT
4. Hardware & Networking	IV/IV Semester B.Sc. CSIT
5. UX-UI	IV/IV Semester B.Sc. CSIT

Apart from above trainings, we provide various professional trainings to our students and some of them are:

Web Technology

Software Development

App Development

Computer Networking

Network and System Administration

Data Science and Machine Learning








WORKSHOP

Workshop is one of the valuable way of enhancing students' skills. In view of this, we organize workshops in various areas and some of them are:

Motivational workshop CV / Cover letter writing workshop Cyber security workshop
AI development workshop Entrepreneurship workshop Research paper writing workshop



INTERNSHIP

Internship provides a platform to utilize the knowledge and skills that students acquire during courses and trainings. It is a transition step to professionalism that enhance skills and self confidence. Swastik college is proud to be associated with  /  as a partner with exclusive roles to trainings, internships and placements. Our college provides internships throughout all semesters. Each semester, students will get technical trainings as per their interests and assigned professional tracks. Internship will be based on those trainings, project works, their interests and skills in IT industries under  group.

JOB PLACEMENT

We are committed to place our BCA and B.Sc. CSIT graduates into IT industries after completion of bachelor's degree. We primarily place our students in companies under  group. We guarantee placement to our IT graduates who undergo through our structured path of academic courses, trainings and internships. So, students will be able to focus on improving their knowledge and skills without worrying about their future career.



Mr. Shyam Chand (Head of IT, Mega Bank Ltd.)

Mr. Chand has been working as head of IT in banking sector for close to a decade now. He will bring the professional experiences that our students will find valuable in their pursuit of professional life themselves.

Bhoj Raj Ghimire (Ph. D.)

Dr. Ghimire has worked as a senior project manager in various esteemed software development houses. He was extensively involved in developing curriculum of B. Sc. CSIT program as well. He has rich source of professional experiences. He will be sharing valuable expertise with our students who seek to pursue higher studies.

Prof. Basu Kafle (Ph. D.)

Prof. Kafle is English language expert. He has been in teaching profession for more than a decade now. Prof. Kafle will be delivering his expertise to students mostly about writing resume and cover letters.

Mr. Rom Kant Pandey

Mr. Pandey is one of the leading IT experts in Nepal. His invaluable knowledge in IT and Academia will be cherished by our students.



EXPERT VIEWS

Information Technology has become the ubiquitous part of modern life and there are application and various electronic devices that run software application booming every day that makes our life easier.

The computing technologies are common place in any types of business organization, research institution, academic and government offices. Computers are omnipresent, they are pervasive more than ever and, in fact, they are for our everyday works. These makes me believe that there will be potential for computer-related career and it entrepreneurs to grow exponentially.

This is precisely the reason, university degree programs such as B.Sc. CSIT and bca are designed by tribhuvan university to facilitate and fulfill demand of it professionals and computer scientists in real world. if anything, my experience for 30 years in telecommunication enough number of human resources as computer scientists and it professionals to quench the requirement of the it professionals.

ER. SUNIL POKHREL (Ph.D)
Nepal Telecom

STUDENTS VOICE

"IF YOU ARE DEDICATED AND HARDWORKING, THEN IT CAN BE THE PLACE FOR YOU."

I witnessed for myself the homely environment and dedicated teachers run the college. From a practical standpoint, students choose courses that lead to an employable career. You are making an expensive investment in yourself and your future. Make it count and acquire skill set that employers' value.

ANU CHAKRADHAR B.Sc. CSIT (2073 Batch)
Swastik College

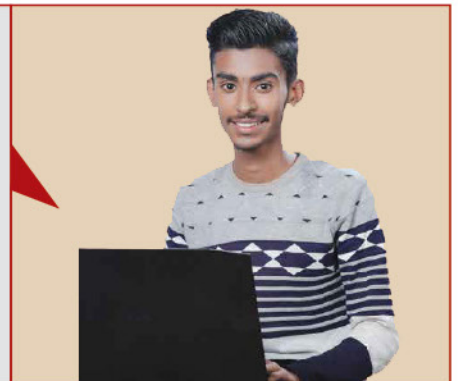


Swastik College is a place of learning, fun, literature and many such life poaching activities. Studying at Swastik College brought an added value to my life. It gave me an opportunity to meet different kinds of people & learn numerous things. I have received great support from faculty members, teachers and seniors. I am thankful for the opportunity, I got to be the part of AsianHack-2018 hackathon and other different major and minor workshops, also training classes to enhance skills. My life at Swastik made me stronger & took me step ahead for being an independent person. There are countless effort from teacher to create a friendly environment and help students to get market based knowledge, experiences and skills to make us better person every new day. The knowledge and opportunities I got here has made me a wiser person.

AMIR BAJRACHARYA (Batch 2073, B.Sc.CSIT)
Swastik College

After thinking of making career in IT field, I was in the search of college that would fit my expectations. Gladly, SWASTIK College fulfilled my expectations. Good infrastructure and dedicated team of faculty members are the key factors of this college. Well managed library, computer lab has helped me a lot in my study and progress. The continuous guidance from the teachers always motivates me. So, if anyone asks me I would proudly suggest that you can choose SWASTIK without a doubt.

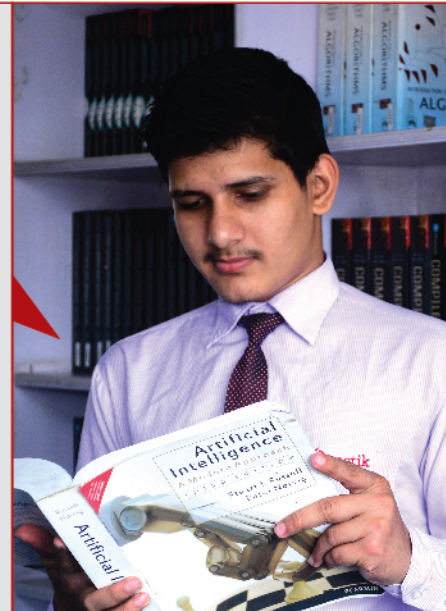
SAGAR DAHAL B.Sc.CSIT (2074 Batch)
Swastik College



From my early childhood, I had a keen interest in learning information technology and its application. So, after the completion of my high school, same question was striking in my mind while searching best IT college for my higher studies. Finally after observing many colleges. I decided to pursue my bachelor's degree from Swastik College. Reading, writing, and mutual interactions are the common things but good infrastructure and the complete package of effective learning are the key factors of this college. And I have no regrets regarding my decision. Swastik College has given me everything, highly motivating and supporting learning environment along with excellent teaching facilities, great learning resources, and more practically focused learning to grab various opportunities in the field of IT. It is a platform which helped me to shape my thoughts, build a path leading to my dreams and explore my ideas in different sectors.

Swastik College provides its students with a combination of leading-edge theory and technical knowledge plus hands-on practical experience to prepare students for a successful career. So I am very proud to be a part of Swastik college and recommend everyone to join here to be a part of an excellent educational institution without a doubt.

BADRI RAJ ARAN B.Sc. CSIT (2075 Batch)
Swastik College

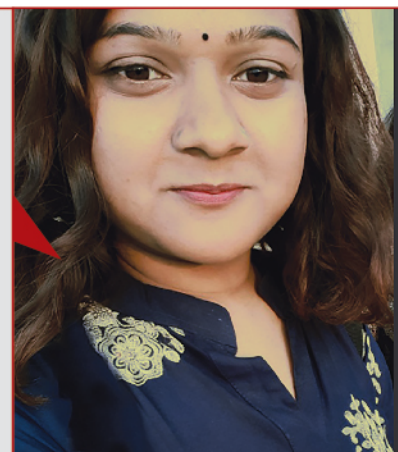


I feel very fortunate to have done BCA from Swastik College. Its my pleasure to be a part of Swastik College. The College has always believed in helping and guiding its students. I am quite impressed with the quality of education imparted to the students through modern teaching methods, and much needed modern equipments and facilities. Therefore, I suggest anybody who wants to excel in IT field should choose Swastik College for his/her bright future.


JENI GHIMIRE BCA (Batch 2075)
Swastik College

You never know what future holds, despite of having an interest on computer science I end of being CSITian. With light in eyes ,hope in heart and believing that each day I could explore myself a little more. Eventually, I joined swastik college. Appropriate learning environment ,highly qualified teachers and most importantly various extracurricular/-co-curricular activities provided to boost up skills and confidence of the students are really decisive in the career of students like me. I am really happy of being BScCSITians at SWASTIK.

ASHMITA BASNET (Batch 2075, B.Sc.CSIT)
Swastik College




TESTIMONIALS/ALUMNI




Mistakes are the ladder to success. With every mistake I had made while at Swastik, I was mentored to perceive it as an experience, as a lesson learnt, a step forward towards perfection. Swastik as the platform for young minds not only has motivated me to be able to start my own venture but also helped provide required exposure. With all of what Swastik has provided, I would love to give back as much as possible. As it is where my journey began!

UJJWAL SHAKYA (Batch 2071, B.Sc.CSIT)
Operations Manager / Secret Shop Pvt. Ltd.

I always had been looking for a supportive environment to get my degree. Swastik College has always provided me with a variety of opportunities to develop my skills. In my experience, the curriculum and the syllabus of Bsc.CSIT were designed in such a way that it provided me with various options to choose for the career. The management team always felt like family. Lastly, I feel proud to have had the opportunity to get my degree from Swastik College.




RINA BARAL (Batch 2071, B.Sc. CSIT)
Jr. Software Developer / Governance Automation Solution Pvt. Ltd.



I would like to express my deepest appreciation for the excellent mentoring of the Swastik college which provided me an opportunity to perform to my best in academic as well as my professional career. Studying in Swastik College has become my dream come true as it helped me in identifying both my strengths and weaknesses that helped me in excelling in my job. Swastik College has taught me to be determined, hardworking and committed to achieving my dreams. Swastik provided me with all the trainings and their willingness to send me to multiple hackathons that landed me at prestigious software company as a software developer. All in all, I feel proud to be a part of Swastik College.

SANDESH KARKI (Batch 2071, B.Sc.CSIT)
.Net Developer / Ekbana Solutions

I would like to thank Swastik College for providing me platform to enhance my educational skill as well as jumpstarting my professional career. The thing I like most about Swastik is that it encourages and supports every individual to pursue their own goal in opt manner. Swastik is the superb base which always produces quality product in the form of quality students; in fact quality empowers the nation.



AADESH SHRESTHA (Batch 2070, B.Sc. CSIT)
Project Manager / TechRise

FACULTIES

GOBINDA SUBEDI B.Sc.CS, TU and BSU, M.Sc.IT, SMU

Dr. DWARIKA UPRETI Ph.D

BINAY BHANDARI M.Phil

SURAJ KARKI M.Sc.CSIT, TU

SUSHIL NEPAL M.Sc.CSIT

SURESH KHATIWADA M.Sc.CSIT

LAXMAN THAPA M.Sc.CSIT

KRISHNA KHADKA M.Sc.CS

BINOD BHANDARI MA English

MOHAN BHANDARI BE, M.Sc.CS

PRAMILA POUDEL M.Sc.Stat

DEEP RAJ BHUJEL B.E. Electronics & Comm, M.Sc.CS, PU

ARUN KUMAR AGRAWAL B.E. Electronics & Comm., MBA

PITAMBER ACHARYA M.Sc. Physics, Stat, TU

HRIDAY KANDEL M.Sc. CSIT, TU

PRABIN BHANDARI BE, Pulchowk Campus

MD. RIYAZ AHMAD BE

VISITING FACULTIES

BINOD DHAKAL PH.D

BHOJ RAJ GHIMIRE PH.D

ARJUN SINGH SAUD M.SC. CSIT, TU

JAGADISH BHATTA M.SC. CSIT, TU

DHIRAJ KEDAR PANDEY M.SC.CSIT, TU

KRISHNA DEV BHATTA M.SC.CSIT, TU

KUMAR POUDEL M.SC.IT, PU

UPENDRA RAJ JOSHI M.SC.CSIT, TU

BISHNU RAWAL M.SC. CSIT, TU

THANESWOR PANERU M.SC. MATHS, TU & M.A. ECONOMICS, TU

ANJU KHADKA M.B.S., TU

BIKRAM RAWAT M.SC. CSIT, TU

HARI BANJADE M.SC. CSIT, TU

BABURAM BANJADE M.ED. ENGLISH, TU

BHOJ RAJ JOSHI MCA, PU

PRADEEP KANDEL

SHYAM CHAND

PRAKASH NEUPANE



PROJECT WORKS / ACTIVITIES

Students at Swastik college involve in various projects during their study period. They have participated in different techFest, software competitions, Hakathons and have won those competitions. Some of the sample projects they have done are:

- Twitter sentiment analysis using machine learning
- Real Estate Management System
- Machine Vision (Meter Reading)
- Price Comparison (Using Web Scraping)
- Android Application for Women Security System
- Automatic License Plate Processing System
- Saral Krishi (Agrobars)



EXTRA CURRICULAR ACTIVITIES





Message from **THE PRESIDENT OF F1SOFT GROUP OF COMPANIES**

Dear Students,

F1Soft Group of companies is grateful to be a part of an academic institution that strives to produce competent professionals in IT industry. I am impressed by the institution's dedication to balance academics and practical skills. The focus on overall personal and professional development of the students is praiseworthy. We hope that through this collaboration we can create competent professionals who are capable to work not only nationally but also internationally.

F1Soft Group of companies strives to create a digital ecosystem in Nepal to make people's lives easier with the help of technology. We connect people to financial services in simple, secure and affordable ways. eSewa, our prominent consumer brand, is Nepal's first and leading digital wallet serving millions of people in Nepal. Besides eSewa, the F1Soft group comprises of other verticals working in the field of healthcare, education, insurance, transportation, retail, online shopping and so on.

We also aspire to be number one employer in Nepal by the end of this fiscal year. Till date we employ 550+ employees with expertise and competence in technology and management. Among us are skilled engineers, innovators and creative thinkers.

I am positive that our partnership will open the door of opportunities for you. In the days ahead, I hope that we will be able to produce leaders and change-makers who will be working as a part of the F1Soft group sharing our vision of leading the change for a better Nepal.

Warmly,
BIWAS DHAKAL



APPLICATION ON DEVELOPMENT OF ENTREPRENEURS

On behalf of Swastik college family, I would like to express my sincere thanks and gratitude to our guardians, faculty, students, and well-wishers. It is your cooperation, hard work, and guidance that have made the college a center of academic excellence.

Nepal has undergone a complete transformation, as society heads towards a period of great structural reform; there are equally great and varied expectations and demands being placed on academic institutions that produce competent manpower to reform the society. Swastik College, with its sincere efforts to address such challenges, stands as a distinct academic institution. We believe in the power of ideas and in bringing them to life through the collective consciousness. It has obtained the profound support of educationists, renowned personalities and the local community. Their creative suggestions and inspirations are guiding principles for the college.

The faculty and staff of the college take a personal interest in each student's success. Working together, the faculty and students create and nurture a community that fosters mutual trust and respect. The dedicated academic staff of the college works hard to maintain quality education and strict discipline. The staff members assist students in their every need and create a homely environment in the college. Besides, they shoulder the responsibility for organizing social and cultural events for students. With the joint effort of diligent faculty, dedicated students, and committed staff Swastik College is now on the direction of academic excellence.

I am looking forward to your generosity and cooperation in the days to come for the further enhancement of the college.

GOPAL KHANAL

Vice President, Swastik College

Chairperson, Education and Skill Development Committee (FNCCI)



Affiliated to TU 
4 Year - 8 Semesters

Swastik
College

Promoted and Placement by



eSewa[™]

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