ENGINEERING THE FUTURE

BE

Bachelor of Engineering

4-year 8-Semester Program

- COMPUTER
- CIVIL
- INFORMATION TECHNOLOGY
- SOFTWARE
- ELECTRONICS & COMMUNICATION

NCIT

Nepal College of Information Technology
(Affiliated to Pokhara University)

Balkumari, Lalitpur, Tel: 5186354, 5186358
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NEPAL COLLEGE OF INFORMATION TECHNOLOGY

2001

ENGINEERING THE FUTURE

Dear all,

It is our great pleasure to inform you that Nepal College of Information Technology (NCIT), a pioneer engineering college in Nepal, has been offering five sought-after engineering programs at undergraduate level- BE in Civil, Information Technology, Computer, Software, and Electronics along with three graduate level programs- Master's in Computer Engineering, Computer Science, and Computer Information System, all affiliated to Pokhara University (PU).

Offering excellent learning atmosphere in a state-of-art infrastructure with competent and committed faculty, NCIT is spearhead towards and well-focused on instilling entrepreneurship and innovation among the students. The college nurtures individual talent imparting practical knowledge that supports ongoing social changes and economic advances. We mould our students into competent professionals with global outlook through the dissemination of knowledge by leading academicians and eminent entrepreneurs alongside corporate interaction and institutional linkage.

We trust that various engineering programs and profuse academic and professional exposures we offer at NCIT will elevate you as renowned technocrats, successful entrepreneurs, competent leaders, innovative scientists and researchers.

We wish you all exceptional academic and professional achievements at NCIT.

Bijuli Prasad Rana
Executive Director

Dear prospective students,

I am elated to welcome you all to Nepal College of Information Technology (NCIT) for your undergraduate studies in engineering.

With its splendid legacy of excellence, NCIT empowers students with sophisticated knowledge, equips them with training, workshops and seminars and shapes them into competent and demanding professionals in the local and global arena. Also, the college strives to nurture creativity, inculcate critical thinking and mould their versatile personality through diverse elective courses, technical paper presentations, field visits, survey camps and various co-curricular and extra-curricular activities. Spectacular performance of our students in the university examinations and their notable placement in Nepal and abroad after the graduation are testaments to quality education at NCIT.

I am assured that NCIT's state-of-the-art infrastructure, innovative learning atmosphere and professionally acclaimed educating community would prove it to be a shrine of learning for you and would play a pivotal role in shaping your career in engineering.

I wish you all the success in your academic pursuit!

Best regards,

Er. Niranjan Khakurel
Principal

NCIT

Nepal College of Information Technology – NCIT, established in 2001, runs Pokhara University-affiliated Bachelor's and Master's programs – BE, BCA, BBA, ME, MSc & MCIS. Our Engineering Degrees are approved by the Nepal Engineering Council. It has produced over a thousand engineers since its establishment.

NCIT, a pioneer private institution providing engineering education in Nepal, is renowned for excellence in teaching & research, while maintaining close and mutually beneficial links with various sectors. The College provides excellent higher education opportunities and nurtures individual talent using an applicable knowledge base that fully supports ongoing social changes and economic advances.

The institution is committed to providing quality education in various engineering disciplines keeping in mind emerging professional needs. Our highly qualified and experienced faculty is fully dedicated to their teaching. We have a state-of-the-art infrastructure to foster academic excellence. Moreover, we provide vital non-credit inputs including research & project work, supplementing the regular courses to meet the diverse learning needs of its students and improve their employability.

The College is also an authorized training partner of CISCO, Red Hat, and Microsoft. It provides related-training and conducts preparatory examinations leading to internationally recognized certifications from these renowned institutions. NCIT has MOUs with many reputed multinational and local companies for internships and training programmes.

NCIT envisions an institutional role for itself beyond academic boundaries. It takes the aspirations and future success of its students as pathway to nation building.

Engineering Courses

NCIT offers the following undergraduate courses in Engineering:

- Bachelor of Engineering in Computer Engineering (BE Computer)
- Bachelor of Civil Engineering (BE Civil)
- Bachelor of Engineering in Information Technology (BE IT)
- Bachelor of Engineering in Software Engineering (BE Software)
- Bachelor of Electronics and Communication Engineering (BE Electronics & Communication)

University Recognition

All the above engineering courses are affiliated to **Pokhara University.**

Engineering Council Recognition

These BE qualifications at NCIT are *recognized* by the **Nepal Engineering Council – NEC**. This professional recognition is mandatory for becoming an **Engineer.**

Graduate Courses

The College also runs the following Pokhara University affiliated Master's Courses:

1. ME Computer Engineering
2. MSc Computer Science
3. Master of Computer Information System (MCIS)

Pokhara University

Pokhara University – PU – was established in 1997 under the Pokhara University Act, 1997. PU was formed under government policy for improved access to higher education. The main function of Pokhara University is to produce skilled human resources necessary for national development by providing quality education. In order to achieve such an objective, it has a Semester system-based curriculum and an evaluation methodology with high priority given to practical knowledge and research.

The University students imbibe critical thinking skills, develop positive attitude to work, and enhance their competitiveness. Pokhara University, the youngest university system operating full-fledged programs in Nepal, aims at producing human resources capable of working for the nation as well as the global community.

PU – Institutional Tie-Ups

The following is a list of some of the institutional partners of PU. Being an affiliated college, NCIT too has the right to collaborate with any, some, or all of these institutions thereby making our BE degrees powerful tools in the hands of our engineer graduates enabling them to work or study in different parts of the world.

SN	Universities/Institutions	Countries
1	Central Queensland University	Australia
2	Independent University	Bangladesh
3	International University of Business Agriculture and Technology (IUBAT)	Bangladesh
4	Jilin University	China
5	University of Science and Technology	China
6	Sichuan University	China
7	Institute of Foreign Trade and Management	India
8	Panjab University	India
9	University of Roorkee	India
10	KIIT University	India
11	India Council for Cultural Relations (ICCR)	India
12	Shree Chitra Tirunal Institute for Medical Sciences and Technology	India
13	The University of Rome "Tor Vergata"	Italy
14	University of Padova (UNIPD)	Italy
15	Institute of Technology Sepuluh	Indonesia
16	University Under Forum for Integrated Development of Eleventh University	Indonesia
17	Showa Pharmaceutical University	Japan
18	Institute of Natural Medicine, Toyama Medical & Pharmaceutical University	Japan
19	National University Corporation Ehime University	Japan

SN	Universities/Institutions	Countries
20	Kumamoto University	Japan
21	Yonsei University	Korea
22	Institute of Oriental Medicine, Dongguk University	Korea
23	Sun Moon University	Korea
24	College of Engineering, Pusan National Universtiy	Korea
25	National Information Society Agency	Korea
26	Handong Global University	Korea
27	University of Sains, Penang	Malaysia
28	The University of Nordland (Bodø University College)	Norway
29	University of Tromso	Norway
30	Institute of Business Management (IOBM)	Pakistan
31	University of Warsaw	Poland
32	Emilio Aguinaldo College	Philippines
33	Asian Institute of Technology	Thailand
34	Shinawatra University	Thailand
35	Kingston College of London	UK
36	St. Cloud State University	USA
37	Claflin University	USA
38	Georgia Southwestern State University	USA
39	Hanoi University of Science	Vietnam
40	Arizona State University	USA

Academics

General Information

Academic Schedule
The academic session of the College consists of two semesters per year for each programme. Normally, the Fall semester starts in August and the Spring Semester in February.

Credit System
Each Course is assigned credits based on work hours utilized per week for lectures, tutorials, and practicals. One lecture on theory per week is assigned one credit as a general rule.

Study Duration
The normal duration for completing the BE program at the College will be four years. The maximum duration, however, for the completion of the degree shall be the normal duration plus four years.

Semester System
Our BE programs have 8 semesters, each semester normally six months. The academic records are maintained based on the number of courses registered by a student in each semester.

Evaluation System

Areas
The academic performance of students during a Semester is evaluated by the system of continuous assessment (evaluation of Semester work plus the final examinations). The College conducts the Semester work; the University, the final examinations.

Weightage
Each course has 50% marks based on Semester performance evaluation by the assigned teacher and 50% marks for the written examination at each Semester end. In the Practical Courses, the Semester marks are awarded on the basis of continuous assessment but no final examination is conducted.

Grading
The grades (marks) awarded to a student in a Course are based on his or her consolidated performance in Semester and final examinations. The letter grade in any particular subject is an indication of a student's relative performance in that Course as follows:

Letter	Grade	Grade Point Description
A	4.0	Excellent
A-	3.7	
B +	3.3	
B	3.0	Good
B -	2.7	
C+	2.3	
C	2.0	Satisfactory
C-	1.7	
D+	1.3	
D	1.0	
F	0	Failed

GPA
The performance of a student in each Semester shall be evaluated in terms of the Semester Grade Point Average (SGPA). Further, the grade point average for all completed Semesters, with regard to student performance evaluation, is the Cumulative Grade Point Average (CGPA).

Attendance – Mandatory 80% semester-wise for each subject in each programme

Bachelor of Engineering in

Computer Engineering

A DEEP UNDERSTANDING OF COMPUTER TECHNOLOGY WILL ALWAYS BE ESSENTIAL IN OUR 'WIRED SOCIETY'

Bachelor of Engineering in Computer Engineering (BE Computer) provides students with a foundation in the core computer technologies. The programme covers the theoretical and practical aspects of both hardware and software. Professionally, it instills the knowledge of making computing platforms more effective, embedding computing devices in machines & systems, and developing faster, smaller, and more efficient computers. It also deals with further advancements globally in digital technology, computer networking, and computer systems.

Key Learning Outcomes

- Use the techniques, skills, and tools in computer engineering, software and hardware system design and information technology to work independently

- Design hardware and software systems, components, or processes to meet economic, environmental, or social needs

- Set up and conduct experiments, as well as organize, analyze, and interpret data to help deeper understanding of principles and applications

- Identify, formulate, and solve hardware and software problems to ensure effective practice of computer technologies

- Analyzing problems for solutions, formulating and testing, using advanced communications or multi-media equipment, or working in teams for product development

HoD Message

Computer engineering integrates several fields of computer science and electronics engineering required to develop computer hardware and software. This domain of engineering not only focuses on how computer systems themselves work, but also how they integrate into the larger picture. Working with computing devices and systems, computer engineers use the principles of basic science and mathematics to analyze and design solutions to solve computing problems.

Computer Engineering Department at NCIT offers a sophisticated learning atmosphere enriched with academically acclaimed teaching professionals and supportive administration. Throughout engineering study, the department involves the students into various trainings, seminars, and workshops with a view to fostering their knowledge, skills and expertise. The Department prepares students to pursue their career in the promising fields like computer hardware and software design, embedded systems, computer networks and security, system integration and electronic design automation.

I welcome all aspiring students at the Department of Computer Engineering and wish you glittering careers ahead!

Er. Resha Deo
Department of Computer Engineering
resha.deo@ncit.edu.np

Career Prospects

Computer Engineering is an exciting and growing industry involving the design and development of software like network control systems or operating systems for computer and mobile technology. There are many career opportunities like system administrators, network engineers, OS developers, and Ethical Hackers.

Computing professionals might find themselves employed in a variety of environments in academia, research, industry, and governmental, private & business organizations.

Careers by Area

Computer Engineering – Computer Engineers, Computer Programmers, or Computer Network Architects in the IT & Computer field

Hardware & Networking – Computer Network Architects, System Engineers, Networking Engineers in IT-based organizations

Artificial Intelligence – Develop computers that simulate human learning and reasoning abilities

Computer Design & Engineering – Design new computer circuits, microchips, and other key electronic components

Software Engineering – Develop methods for the production of software systems on time, within the budget, and without defects

Operating Systems & Networks – Develop basic software for computers or to use for communicating with other computers

Software Applications – Apply computing technology to solve problems outside the everyday computer field, for example, in education or medicine

Information Technology – Develop and manage information systems that support a business or organization

NCIT, a Blend of Knowledge and Aptitude !

My experiences at NCIT let me know that the role of colleges and universities is not only limited to disseminate knowledge to the students, but also to help them develop right attitude, shape pleasant personality and build up proper character so that they would emerge not merely as skilled technical professionals, but as rational human beings. The resources and materials available for learning in NCIT are second to none, backed by experienced teachers and international standard syllabus. Students are adequately exposed to the ever-changing industrial atmosphere. The environment here is so compelling that it encourages students to learn something new. Enrolling at NCIT has been one of the best decisions in my academic career.

Bikalpa Dhakal
BE CE, SGPA 4.0

Course Structure

Year I, Semester I		
Course Code	Subject	Credits
MTH 112	Engineering Mathematics I	3
CHM 111	Chemistry	4
ENG 111	Communication Techniques	2
CMP 113	Programming in C	3
ELE 110	Basic Electrical Engineering	3
MEC 110	Mechanical Workshop	1

Year I, Semester II		
Course Code	Subject	Credits
MTH 114	Engineering Mathematics II	3
PHY 111	Physics	4
MEC 120	Engineering Drawing	2
CMP 115	Object Oriented Programming in C ++	3
MEC 111	Thermal Science	2
MEC 130	Applied Mechanics I	3

Year II, Semester III		
Course Code	Subject	Credits
MTH 212	Engineering Mathematics III	3
CMP 225	Data structure and algorithms	3
ELE 210	Electrical Engineering Materials	2
ELE 211	Network Theory	3
ELX 211	Electronics Devices and Circuits	3
EIX 212	Logic Circuits	3

Year II, Semester IV		
Course Code	Subject	Credits
MTH 214	Engineering Mathematics IV	3
ELX 231	Instrumentation	3
CMP 226	Database Management Systems	3
CMP 211	Programming Technology	3
ELX 230	Microprocessors	3
CMP 290	Project I	1

Year III, Semester V		
Course Code	Subject	Credits
MTH 230	Numerical Methods	3
MTH 220	Probability and Statistics	3
CMP 330	Operating Systems	3
CMP 332	Computer Architecture	3
CMP 241	Computer Graphics	3
CMP 326	Theory of Computation	3

Year III, Semester VI		
Course Code	Subject	Credits
CMP 350	Simulation and Modeling	3
CMM 340	Data Communication	3
CMP 320	Object oriented Software Engineering	3
ELX 312	Embedded Systems	3
	Elective I	3
CMP 390	Project II	2

Year IV, Semester VII		
Course Code	Subject	Credits
ECO 411	Engineering Economics	3
CMP 441	Image Processing and Pattern Recognition	3
CMP 455	Artificial Intelligence	3
CMP 335	Computer Networks	3
CMP 483	ICT Project Management	3
	Elective II	3

Year IV, Semester VIII		
Course Code	Subject	Credits
CMM 442	Digital Signal Analysis and Processing	3
CMP 484	Social & Professional Issues in IT	2
MGT 321	Organization and Management	2
CMP 481	Informtion Systems	3
	Elective III	3
CMP 490	Project III	5

Electives

We offer electives to foster technical expertise. As technology changes, we offer changed electives. Recent electives offered are:

- Data Mining
- Advance Web Technology
- Mobile Application Development
- Network Security
- Natural Language Processing
- Advance IP switching and Routing
- Big Data
- Cloud Computing

Bachelor of
Civil Engineering

**AN EXCITING YET FLEXIBLE PROFESSION TO ENHANCE
THE QUALITY OF LIFE FOR PEOPLE**

Bachelor of Civil Engineering (BE Civil) focuses on professional engineering that deals with the planning, designing, constructing, and maintaining of the physical infrastructure built in the natural environment. The programme deals with the construction of public works or private projects like all sorts of roads, bridges, tunnels, channels, canals, helipads, airports, dams, buildings, parks or sports complexes. Civil engineering is all about helping people and shaping the world. Clearly, it will continue to play a key role, particularly in the reconstruction of post-quake Nepal.

Key Learning Outcomes

- Acquire a knowledge of scientific principles & materials in construction engineering and the building sector

- Enable graduates to make objective, technical, and thrifty decisions in the broad field of civil engineering

- Excel in solving problems in teams or independently through skills nurtured by training such as project work or internships

- Engage in lifelong learning & application in areas related to structural, transportation, geo-technical, environmental, water resources, construction management, disaster risk engineering or earthquake engineering

- Get the qualifications and confidence to become practising engineers or community leaders in the emerging fields of Civil Engineering

HoD Message

NCIT has been offering Bachelor's program in Civil Engineering since 2013 AD. From the very beginning, we are committed to imparting up-to-date Civil Engineering knowledge, skills and values among our students and enabling them to compete and contribute in the local and the global arena. This department aims to inculcate foundation for analytical and experimental skills among the students applicable in various fields of Civil Engineering such as Transportation Engineering, Structural Engineering, Surveying, Urban Engineering, Water Resource Engineering, Geotechnical Engineering etc. We assure all aspiring students to endow with sophisticated knowledge that would pave ways for glittering career in the area of your expertise.

Department of Civil Engineering at NCIT is endowed with the state-of-the-art laboratories, academically acclaimed teaching faculties and professionally proven staffs. Along with imparting education and expanding your horizon of expertise through elective courses, seminars, trainings, workshops, field visits, survey camps etc., we are striving to groom you as a proficient engineer and a better human being who can contribute to the society, nation and the whole world at large.

We heartily welcome all aspiring students!

Er. Dev Raj Joshi
Civil Engineering Department
hod.civil@ncit.edu.np

Career Prospects

There are many job opportunities in the public sector, with local authorities, in government departments and environmental organizations for Civil Engineers.

BE Civil Engineering graduates have fine career prospects in infrastructure construction – buildings, transport, hydropower and irrigation. This includes bridges, roads, tunnels, dams, and canals. They get work of national or local importance in producing, storing, and distributing electricity, gas, and water.

Civil engineers get worthwhile employment with varied contractors and consultancies and also work for diverse national and multinational organizations.

Careers by area

Materials Science and Engineering – Quality Controllers in different projects to ensure quality in construction

Earthquake Engineering – Consulting Engineers and Seismic Analysts in construction companies and private or public organizations for public safety

Environmental Engineering – Environmentalists in different INGOs, NGOs, and governmental sectors for monitoring

Geotechnical Engineering – Consulting Engineers and Geotechnical Engineers or Investigators in INGOs, NGOs, and governmental sectors

Water Resource Engineering – Hydrology, Hydropower, Irrigation Engineers in governmental offices or NGOs or INGOs

Structural Engineering – Structural Designers and Analysts for Structural Modeling

Surveying – Land Surveyors for Revenue or Land Record Departments and surveyors for planning and designing of projects

Transportation Engineering – Consulting or Traffic Engineers and Transportation Planners in road projects, railways, tunneling, aerodrome construction or maintenance

Municipal or Urban Engineering – Urban Planners for holistic development

Environmental Hydrology and Hydraulic Engineering – Engineers in hydropower or irrigation projects, governmental offices, NGOs, or INGOs

Construction Management – Construction or Project Managers in the governmental or private sector and construction industries

Broaden Your Horizons at NCIT !

It gives me immense pleasure to acknowledge that I am a part of NCIT family. The integration of intellectual faculty, efficient administration, vibrant, innovative and nurturing environment at NCIT molded my dreams into a reality.

NCIT is an institution where you can explore, learn and grow at the same time. Benjamin Franklin remarked, "Tell me and I Forget; teach me and I may remember; involve me and I learn". NCIT's culture of involving students in an applied educational approach has substantially helped me broaden my horizons beyond my limit and stand out from the crowd.

Anurag Joshi
BE Civil, SGPA 4.0

Course Structure

Year I, Semester I

Course Code	Subject	Credits
MTH 112	Engineering Mathemetics I	3
PHY 111	Physics	4
MEC 111	Thermal Science	2
MEC 120	Engineering Drawing	2
CMP 113	Programming in C	3
ELE 110	Basic Electrical Engineering	3

Year I, Semester II

Course Code	Subject	Credits
MTH 114	Engineering Mathematics II	3
CHM 111	Chemistry	4
CMP 115	Object Oriented Programming in C++	3
ENG 111	Communication Techniques	2
MEC 110	Mechanical Workshop	1
MEC 130	Applied Mechanics I	3

Year II, Semester III

Course Code	Subject	Credits
MTH 212	Engineering Mathematics III	3
MEC 131	Applied Mechanics II	2
CVL 211	Civil Engineering Materials	2
WRE 210	Fluid Mechanics	3
STR 210	Strength of Materials	3
GTE 210	Engineering Geology	3
CVL 290	Project I	1

Year II, Semester IV

Course Code	Subject	Credits
MTH 220	Probability and Statistics	3
CVL 221	Surveying I	3
ELX 110	Basic Electronics Engineering	2
MTH 230	Numerical Methods	3
WRE 211	Hydraulics	3
STR 212	Structural Analysis I	3

Year III , Semester V

Course Code	Subject	Credits
ARC 358	Building Technology	2
WRE 350	Engineering Hydrology	2
STR 312	Structural Analysis II	3
GTE 320	Soil Mechanics	4
ENV 330	Water Supply Engineering	3
CVL 390	Project II	1
CVL 321	Surveying II	3

Year III, Semester VI

Course Code	Subject	Credits
WRE 320	Irrigation Engineering	3
STR 320	Design of Steel and Timber Structures	3
GTE 321	Foundation Engineering	3
ENV 331	Sanitary Engineering	3
STR 331	Concrete Technology and Masonry Structures	3
CVL 322	Survey Field Project	1

Year IV , Semester VII

Course Code	Subject	Credits
STR 440	Design of R.C.C. Structures	3
TRP 411	Transportation Engineering I	3
WRE 430	Hydropower Engineering	3
CVL 431	Estimating and Valuation	3
	Elective I	3
ECO 411	Engineering Economics	3

Year IV, Semester VIII

Course Code	Subject	Credits
CVL 441	Construction Project Management	3
CVL 440	Engineering Professional Practice	2
TRP 412	Transportation Engineering II	3
	Elective II	3
CVL490	Project III	5

Electives

Course Code	Subject
CVL 480	Appropriate Technology
ENV 480	Bio-Engineering
ENV 481	Soil Conservation and Watershed Management
ENV 482	Climate Change
ENV 483	Solid Waste Management
ENV 484	Water Quality Management
ENV 485	Environmental Management System
ENV 486	Public Health and Risk Assessment
ENV 487	Environmental Impact Assessment
GTE 480	Geo-hazard
GTE 481	Advanced Geo-technical Engineering
GTE 482	Geotechnical Exploration & Testing
GTE 484	Rock Engineering
GTE 485	Ground Improvement Techniques
MGT 481	Community Development and PRA
MGT 482	Organization & Management
MGT 483	Post-disaster Water and Sanitation Management
MGT 484	Disaster Risk Management
MGT 485	Construction Safety Management
MGT 486	Procurement Management
MGT 487	Operation Research
MTH 480	Finite Element Methods
MTH 481	Statistical Quality Control
STR 480	Earthquake Resistance Design of Structure
STR 481	Design of RCC Bridge
STR 482	Vulnerability Assessment and Retrofitting Techniques
STR 483	Seismic Risk Assessment
STR 484	Structural Reliability
STR 485	Structural Dynamics
STR 486	Seismic Resistant Design of Masonry Structure
TRP 480	Railway Engineering
TRP 481	Ropeway Engineering
TRP 482	Airport Engineering
TRP 483	Transportion Safety
TRP 484	Traffic Engineering & Management
TRP 485	Rural Road Engineering
TRP 486	Transport Planning
TRP 487	Trail Suspension Bridge
WRE 481	Water and Wastewater Quality Analysis
WRE 482	Hill Irrigation Engineering
WRE 483	Groundwater Engineering
WRE 484	Advanced River Hydrology
WRE 485	River Engineering
WRE 486	Domestic Water and Wastewater Engineering & Management
WRE 487	Micro-hydropower System
WRE 488	Hydropower Planning and Development

Bachelor of Engineering in

Information Technology

**ADVANCING KNOWLEDGE AND THE FRONTIERS OF TECHNOLOGY
TO MEET THE CHANGING NEEDS OF SOCIETY**

Bachelor of Engineering in Information Technology (BE IT) is a unique blend of Information and Communication Technology. It prepares students to function effectively in this dynamic technological era. The programme focuses on applying cutting edge technologies for the socioeconomic development of the nation. It is perfectly designed to meet the needs of an ever growing Information and Communication Technology industry here or abroad. The degree produces highly qualified ICT professionals in hardware, software, networking, and communication technology for the digital future.

Key Learning Outcomes

- Analyze, Design and Develop software or computer systems and design secure networks & monitor them to handle data and information worldwide

- Enable the automation of organizational tasks through computers & telecommunications equipment to improve efficiency

- Gain specialization in configuration, integration, development, and testing of systems and networks to meet industrial needs

- Resolve system-related issues and troubleshoot communication and networking problems to ensure smooth operation

- Acquire skills and expertise in intelligent information retrieval systems to benefit decision-making bodies in an organization

HoD Message

Information Technology (IT) has been the most demanding yet rewarding profession in the present world. It has played a crucial role in the social, economic and political conversion of a nation. Every sector either it is public, private, local, global, education, agriculture, medicine, industry or research, that affects our daily life directly or indirectly, has been influenced by Information Technology. IT professionals are keenly sought after by different types of leading organizations throughout the world. Hence, career in information technology has been an ideal pathway for you to choose.

IT Department at NCIT aims to provide the students with the skills and knowledge to take on appropriate professional positions in Information Technology upon graduation and grow into leadership positions or pursue further research in IT. We empower our students with the latest technical knowledge and needed skills of information and communication technologies. Consequently, our graduates have been pursuing their splendid career as system analysts, software programmers, software project managers, system programmers, OS developers, database administrator, network security officer and entrepreneurs worldwide.

We are committed to preparing competent IT professionals who can contribute in the local and the global sphere.

Regards

Er. Madan Kadariya
Department of Information Technology
madan.kadariya@ncit.edu.np

Career Prospects

Excellent job prospects! More and more jobs are being created in an increasingly IT-driven world. Associated career trends show the fastest growing occupations in Nepal and abroad.

Empowers graduates to handle computer and IT related tasks independently throughout their careers. They also have tremendous possibilities and opportunities of starting their own ventures.

IT engineers get suitable jobs such as System analyst, system designer, project manager, business analyst, OS developer, Database Analysts, Information Systems expert, Digital Media Specialists, Network Specialists, Software Engineers, or Technical Support Representatives.

Careers by area

Information Management – IT Managers in government, the private sector, NGOs and INGOs

Telecommunication – Information & Communication Engineers in telecom companies

Software Engineering – Database administrators, and Software Project Managers in software companies

System Engineering – System Engineers in IT-based organizations

Knowledge Engineering – Information Systems Experts for Big Data repositories and information systems

Networking – Network Engineers for managing secure networked communication

Artificial Intelligence – Developers of computer-based expert systems that mimic human behavior, learning, and reasoning abilities

Research – Research workers in challenging domains like machine intelligence, Data mining, Neural Network, business intelligence, information retrieval, and decision support systems

Congenial Learning Atmosphere !

I was highly elated when I got the admission in BE IT, as I had always wished to do engineering from the college that consists of cooperative professor, a state-of-art infrastructure, huge library resources and laboratories pertaining to latest technologies. I found the blend of all these resources at NCIT. The courses, expert lectures, industrial visit, workshop and other co-curricular activities manifold our knowledge in technical as well as other necessary lifelong activities. This congenial environment here has given me numerous opportunities to participate in extracurricular and groom my personality.

I am fortunate to be part of this auspicious place.

Rudra Nepal
BEIT, SGPA 4.0

Course Structure

Year I , Semester I		
Course Code	*Subject*	*Credits*
MTH 112	Engineering Mathematics I	3
PHY 111	Physics	4
ENG 111	Communication Techniques	2
CMP 114	Problem Solving Techniques	3
ELE 110	Basic Electrical Engineering	3
CMP 113	Programming in C	3

Year I, Semester II		
Course Code	*Subject*	*Credits*
MTH 114	Engineering Mathematics II	3
ELE 211	Network Theory	3
MTH 130	Mathematical Foundation of Computer Science	3
ELX 210	Electronic Devices	3
MEC 120	Engineering Drawing	2
CMP 115	Object Oriented Programming in C++	3

Year II, Semester III		
Course Code	*Subject*	*Credits*
MTH 212	Engineering Mathematics III	3
ELX 212	Logic Circuits	3
CMP 225	Data Structure and Algorithms	3
MTH 221	Probability and Queuing Theory	2
CMP 213	Web Technology	3
EIX 213	Electronic Circuit and Instrumentation	3

Year II, Semester IV		
Course Code	*Subject*	*Credits*
MTH 214	Engineering Mathematics IV	3
CMP 214	Microprocessor and Assembly Language Programming	3
CMP 212	Programming in JAVA	3
CMP 226	Database Management Systems	3
CMP 220	Software Engineering Fundamentals	3
CMP 290	Project I	1

Year III, Semester V		
Course Code	*Subject*	*Credits*
CMP 331	Applied Operating Systems	3
MTH 230	Numerical Methods	3
CMP 334	Computer Organization and Architeture	3
MGT 321	Organization and Management	2
CMM 311	Signals, Systems & Processing	3
CMM 313	Principles of Communication	3

Year III, Semester VI		
Course Code	*Subject*	*Credits*
CMP 241	Computer Graphics	3
CMP 335	Computer Networks	3
CMP 456	Intelligent Systems	3
CMP 481	Information Systems	3
CMP 321	Object Oriented Design and Modeling through UML	3
CMP 390	Project II	2

Year IV, Semester VII		
Course Code	*Subject*	*Credits*
CMP 341	Multimedia Systems	3
CMP 483	ICT Project Management	3
CMP 482	Business process and IT Strategy	2
CMP 436	Network Programming	3
CMM 411	Telecommunications	3
	Elective I	3

Year IV, Semester VIII		
Course Code	*Subject*	*Credits*
CMM 420	Mobile and Wireless Communication	3
ECO 411	Engineering Economics	3
CMP 484	Social and Professional Issues in IT	2
	Elective II	3
CMP 490	Project III	5

Electives

- Mobile Application Development
- Natural Language Processing
- Advance IP switching and Routing
- Advance Java Programming
- Cloud Computing

- Data Mining and Warehousing
- Advance Web Technology
- Big Data
- Advance IPV6
- Network Security

Bachelor of Engineering in
Software Engineering

**TOP SOFTWARE PROFESSIONALS READILY EMPLOYABLE
BY THE INDUSTRY & RESEARCH ORGANIZATIONS**

Bachelor of Engineering in Software Engineering (BE Software) focuses exclusively on the Software Development Process. The programme builds high-level technical skills and professional expertise in students. It provides knowledge of cutting-edge technology and helps them acquire the methods, techniques, and tools of contemporary software engineering to cater fully to the demands of the Software and IT Industry.

Key Learning Outcomes

- Gain specialization in Software Production to analyze, design, program, test, and maintain software systems
- Utilize ultra-modern computer-aided software engineering tools based on an object-oriented software development approach to build robust software
- Get knowledge of recent developments like Big Data Technologies and Cloud Computing to deal with emerging trends in IT
- Develop applications involving multimedia, mobile, network and web-based systems to design effective human-computer interaction
- Acquire skills and expertise in intelligent information retrieval systems to benefit decision-making bodies in an organization

HoD Message

Software Engineering is concerned with systematic application of scientific and technological knowledge, methods, and experience to the design, implementation, testing, and documentation of software. This program equips the students with a high-quality Software Engineering education and practical experience to bridge the gap between the university and the industry. The program intends to instill technical expertise among the students and enable them to design, develop and maintain software system.

The Department of Software Engineering at NCIT wishes to see our graduates grow as versatile software engineers by strengthening their innovative skills and further deepening their understanding of high-level languages and system level programming. As rapid advances in computing technologies shorten the life of tools and techniques, we provide students a strong foundation in every aspect of software development which enables them to grow and adapt to the changing environment.

We welcome all prospective students at our department and wish you all the best!

Regards

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Career Prospects

This has great job prospects! Many jobs get created in an increasingly IT-driven world. Career trends show the fastest growing occupations everywhere.

Empowers graduates to handle software and IT related tasks independently throughout their careers. Further, they have great possibilities of starting their own ventures.

Software Engineers get suitable jobs such as Software & Quality Control Engineers, Development Managers, Applications Programmers, Analysts, Consultants, Software Architects, or Software Innovators

Careers by area

Software Development – Software Engineers in software-related companies

Web & Internet Programming – Web Engineers processing interactive web-based applications based on high-end programming technology

Information Management – Information Systems Experts designing and implementing information systems to assist decision-making

Distributed & Cloud Computing – Software Engineers supervising distributed environments and cloud computing

Network & Cyber Security – Security managers to script security programs for secure computing environments

Embedded Systems – Software engineers to program software for controlling hardware in consumer electronic devices or embedded systems

Joining NCIT is one of the best decisions !

Choosing a line of education after the completion of high school education was a harder decision for me. After joining NCIT, I felt that it was one of the best decisions I have ever made. NCIT, a pioneer institute for offering engineering studies, aims to groom students' academics and prepare them for professional career. NCIT consists of peaceful learning atmosphere, highly qualified teachers and supportive staff. The college offers well-equipped laboratories and resourceful library. Frequent seminars, motivational talks, and workshops provide additional input to the students.

Preeti Ananad
BE SE, SGPA 4.0

Course Structure

Year I, Semester I		
Course Code	Subject	Credits
MTH 112	Engineering Mathematics I	3
PHY 111	Physics	4
ENG 111	Communication Techniques	2
CMP 110	Fundamentals of IT	2
CMP 113	Programming in C	3
CMP 114	Problem Solving Techniques	3

Year I, Semester II		
Course Code	Subject	Credits
MTH 114	Engineering Mathematics II	3
ELX 212	Logic Circuits	3
MTH 130	Mathematical Foundation of Computer Science	3
MEC 120	Engineering Drawing	2
CMP 115	Object Oriented Programming in C++	3
CMP 213	Web Technology	3

Year II, Semester III		
Course Code	Subject	Credits
MTH 212	Engineering Mathematics III	3
CMP 220	Software Engineering Fundamentals	3
CMP225	Data Structure and Algorithms	3
MTH 221	Probability and Queuing theory	2
CMP 212	Programing in JAVA	3
CMP 214	Microprocessor and Assembly Language Programming	3

Year II, Semester IV		
Course Code	Subject	Credits
MTH 230	Numerical Methods	3
CMP 241	Computer Graphics	3
CMP 334	Computer Organization and Architecture	3
CMP 226	Database Management Systems	3
CMP 321	Object Oriented Design and Modeling through UML	3
CMP 290	Project I	1

Year III, Semester V		
Course Code	Subject	Credits
CMP 331	Applied Operating Systems	3
CMP 350	Simulation and Modeling	3
CMP 457	Artificial Intelligence and neural Networks	3
MGT 321	Organization and Management	2
CMP 325	Analysis and Design of Algorithms	3
CMP 311	System Programming	3

Year III, Semester VI		
Course Code	Subject	Credits
CMP 335	Computer Networks	3
CMP 312	Principles of Programming Languages	3
ECO 411	Engineering Economics	3
CMP 322	Object Oriented Software Development	3
CMP 341	Multimedia Systems	3
CMP 390	Project II	2

Year IV, Semester VII		
Course Code	Subject	Credits
CMP 430	Real Time Systems	3
CMP 435	Distributed systems	3
CMP 480	Enterprise Application Development	3
CMP 441	Image Prosessing & Pattern Recognition	3
CMP 421	Software testing, Verification, Validation & Quality Assurance	3
	Elective I	3

Year IV, Semester VIII		
Course Code	Subject	Credits
CMP 436	Network Programming	3
CMP 420	Software Project Management	3
	Elective II	3
CMP 490	Project III	5

Electives
- Cloud Computing
- Mobile Computing
- Parallel Computing
- DOT NET Technology
- Internet Technology
- Network Security
- MIS
- Decision Support System
- Web Service and Applications
- Formal Methods in Software Engineering
- Wireless Computing
- Advanced Java
- Big Data Technologies
- GIS
- Distributed Database System
- ERP

Bachelor of

Electronics and Communication Engineering

DEALING WITH REAL-LIFE CHALLENGES IN THE ELECTRONICS AND COMMUNICATION INDUSTRY

Bachelor of Electronics and Communication Engineering (BE Electronics & Communication) focuses on Electronics and Communication Technology alongside electronic hardware and communications systems. The programme cover a wide range of application areas having a direct effect on daily life. The programme enables students to solve problems confidently through their knowledge and skills. This helps to develop highly qualified Electronic & Communication Engineers. Development in Electronics, audio & video communication systems. Automation in industries and various sectors has made an Electronic Engineer a catalyst for the change of modern society.

Key Learning Outcomes

- Gain knowledge of analog & digital hardware to design, install, establish and monitor communication systems
- Specialize in guided or unguided networking technologies to manage the existing systems and optimize their use
- Enable conceptualizing, designing, and developing electronic products, systems, services, & processes to improve functionality and reliability
- Acquire hardware essentials of robotics & automation and power electronics to support industrial plants, medical facilities, security operations or the defense industry
- Resolve system-related issues and problems relating to electronic devices & communications to ensure smooth operation

Electronics and Communication Engineering is a new and emerging discipline which provides insightful knowledge to the students in various exciting fields such as fiber optic technology, integrated circuit designs, audio and video signal processing and wired and wireless network communication. The students after completion of the degree can easily avail job opportunities in manufacturing industries and service organizations such as broadcasting, consulting, data communication, entertainment, research and development; and system support. The graduates can also work in modern multimedia service firms that are involved in real-time transfer of information through video conferencing and internet broadcasting.

The Department of Electronics and Communication Engineering at NCIT aims at providing a balanced exposure to both Electronics and Communication and encourage students to get involved in various real life project and carry out innovative research .The department is dedicated to providing quality education in existing and emerging technologies so that our graduates can compete and contribute globally.

Best wishes!

Er. Shiva Hari Acharya
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Career Prospects

Ever-increasing job prospects! BE Electronics and Communication Engineers have many opportunities to work in the diversified, highly competitive and fast-changing fields of electronics and communication engineering in Nepal or elsewhere.

These engineers get suitable jobs such as Telecom Engineers, Network Administrators, Robot Designers, or Technical Support Representatives.

Careers by area

Telecommunication – Telecom Engineers in mobile & telecom companies or vendors

Network Administration – Network Administrators in various organizations

Robotics – Robot Designers in companies and military or security services

Embedded Systems – Experts in companies that design, develop and maintain consumer electronic devices and communication systems

Biomedical Instrumentation – Electronics Engineers to monitor biomedical instruments for health-care institutions or hospitals

Telemedicine – Electronic Engineers for facilitating electronic processes for online medical consultation

VLSI – Electronics engineers in semiconductor, IC fabrication, and chip design companies

Research – Research workers in key areas like satellite communication, mobile and wireless communication, sensor networks, digital and analog signal processing, semiconductor technology, robotics, and nanotechnology

NCIT Eases the Complex Learning !

As I am a student of BE in Electronics & Communication I find that, the atmosphere is extremely supportive, the teachers are always engaging and the extra-curricular events have been some of the highlights of College. NCIT puts a particular emphasis on thinking for yourself and discovering where your interests lie, which is such a refreshing change from the structured syllabus. NCIT 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 Nepal College of Information Technology for whatever has been doneand provided for me to become a complete professional.

Padam Aryal
BE Elx & Comm., SGPA 3.88

Course Structure

Year I, Semester I		
Course Code	*Subject*	*Credits*
MTH 112	Engineering Mathematics I	3
CHM 111	Chemistry	4
CMP 113	Programming in C	3
ENG 111	Communication Techniques	2
MEC 110	Mechanical Workshop	1
ELE 110	Basic Electrical Engineering	3

Year I, Semester II		
Course Code	*Subject*	*Credits*
MTH 114	Engineering Mathematics II	3
PHY 111	Physics	4
MEC 120	Engineering Drawing	2
CMP 115	Object Oriented programming in C ++	3
MEC 111	Thermal Science	2
MEC 130	Applied Mechanics I	3

Year II, Semester III		
Course Code	*Subject*	*Credits*
MTH 212	Engineering Mathematics III	3
EIX 212	Logic Circuits	3
EIX 220	Electromagnetic Field and Waves	3
ELE 211	Network Theory	3
EIX 210	Electronic Devices	3
EIX 210	Electrical Engineering Materials	2

Year II, Semester IV		
Course Code	*Subject*	*Credits*
MTH 214	Engineering Mathematics IV	3
EIX 231	Instrumentation	3
ELX 214	Electronic Circuits	3
ELX 230	Microprocessors	3
MTH 230	Numerical Methods	3
ELX 290	Project I	1

Year III, Semester V		
Course Code	*Subject*	*Credits*
ELE 322	Control Systems	3
ELX 312	Embedded Systems	3
CMM 310	Signals and Systems	3
CMP 241	Computer Graphics	3
ELX 315	Integrated Digital Electronics	3
MTH 220	Probability and Statistics	3

Year III, Semester VI		
Course Code	*Subject*	*Credits*
ELX 316	Industrial Electronics and Drives	3
CMM 330	Analog Communication	3
ELX 313	Filter Design	3
CMP 333	Computer Organization	3
ECO 411	Engineering Economics	3
	Elective I	3

Year IV, Semester VII		
Course Code	*Subject*	*Credits*
ELE 360	Research Methodology	2
ELX 420	Electromagnetic Propagation & Antenna	3
CMM 440	Digital Communication	3
CMP 335	Computer Networks	3
CMP 441	Digital Signal Processing	3
	Elective II	3
ELX 390	Project II	2

Year IV, Semester VIII		
Course Code	*Subject*	*Credits*
MGT 321	Organization and Management	2
CMM 411	Telecommunications	3
CMM 421	Wireless Communication Technology	3
ELX 460	Professional Ethics in Engineering	2
	Elective III	3
ELX 490	Project III	4

Electives

- Consumer Electronics
- GSM cellular Mobile Communication system
- Optical Fiber Communication
- Satellite Communication
- Next Generation Network
- Biomedical Instrumentation
- Solar Photovoltaic Technology
- Microwave Device
- Artificial Neural Network
- Principles of Robotics and Modeling
- CDMA Technology
- IP Switching and Routing
- Aeronautical Engineering
- IPV6

Infrastructure & Campus

Learning at NCIT

College Building

NCIT has purposeful spacious academic buildings with abundant amenities. The construction is structurally sound and made with a view to run this educational institution effectively. There is enough space for wide-ranging activities and large classrooms for flexible learning environments. The College also has a big library, seminar halls, faculty and administrative offices for plentiful study opportunities or requirements.

The Premises

The College grounds are fairly large and contain sports facilities like basketball, badminton, and table tennis. They are used for multifarious college events or other important outdoor purposes. Our premises are wide, open, clean and fresh with pleasing flowers.

Laboratories

Our state-of-the-art laboratories are fully equipped according to the norms & standards of the Nepal Engineering Council. The College has the following laboratories:

General Labs: Physics, Chemistry, Communication Techniques, Thermal Science, Basic Electrical Engineering and Basic Electronics Engineering

Computer, IT & Software: Basic Computer Laboratory, Programming Laboratory, Advanced Laboratory, Hardware / Maintenance Internet Connectivity

Civil: Civil Engineering Materials and Concrete Technology, Strength of Materials, Hydraulics, Fluid Mechanics & Hydrology, Surveying Store, Analysis of Structure, Soil Mechanics and Geo Technical Engineering, Transportation Engineering, Environmental Engineering, Structural Engineering, Hydropower Engineering Geology

Electronics & Communication: Basic Electronics Lab, Advanced Electronics, Electromagnetics and Microwave, Communication Engineering, Microprocessor and Computer Organization, PCB Laboratory, Project Work Laboratory

Ideal Location

NCIT is well situated in a serene and lush spot in a central part of Kathmandu valley. This makes our city campus easily accessible and saves students' time, money, and energy while commuting shorter distances to and fro their classes or games here. We offer an ideally located, model campus with modern classrooms and quiet study areas to all our current or prospective students.

High-quality Education

Pursuing Engineering Excellence

Dedicated Faculty

NCIT's dedicated and experienced engineering faculty delivers excellent teaching-learning. Our faculty is hand-picked from professionals, with experience in the industry and expertise in their fields, who have engaged in innovative, high impact basic and applied research across the broad discipline of engineering through knowledge exchange. They are committed to nurture a generation of engineers with the skill-sets to be more innovative, entrepreneurially-focused, and competitive. Our group of tutors supervises academic performance, interact with students, and give needed generic & personalized guidance.

Vibrant Teaching-Learning

Our teaching-learning approach is reflected in on-campus studies, with students making the most of their academic experience. Fully supporting students' aspirations, the College is a centre for learning where they can prosper in a supportive, encouraging, and motivational environment. We focus on preparing students for both employment and further studies or research, placing emphasis on knowledge that has application in a multitude of professions. Students are encouraged to participate actively in the learning process, while their professors utilize numerous state-of-the-art and innovative techniques to attain a beneficial and practical learning environment.

Standard Assessment

Our academic evaluation process is based on the learning outcome assessment of each student. We hold that such assessment and academic performance are interrelated and best proven through examination results. Exams are used for assessing the students in an internationally competitive arena whereby a full insight into each student's attained knowledge and capabilities is gained. NCIT also has other ways of examining & assessing how students learn and progress in their studies.

Laboratory Work

The College offers an exceptional combination of science and engineering facilities, particularly laboratories & workshops, for nurturing innovative skills in teaching, learning and research. We arrange sufficient practicals to meet syllabi standards and students' hands-on learning needs. Through the synergy of various science and engineering units, NCIT provides an interdisciplinary approach that helps its high-standard learning environment. Practical laboratory sessions, to support courses in science, applied science and technology, are arranged according to course needs.

Effective Tutorials

NCIT's well-designed tutorial system truly improves the academic performance of students over the semester. This is a unique scholastic opportunity at the College to get individual attention and indispensable support to learn better. The College organizes extra tutorials throughout the academic session. These intensive tutorial classes are arranged on the basis of an attending student's proficiency, need, or request. The purposes of tutorials are to develop a deep understanding of the topics introduced in lectures and to apply the knowledge acquired to solve problems.

Project Work & Research

NCIT provides students with ample opportunities to integrate their coursework knowledge with professional applications by project work & research. These are important learning activities for students who intend to pursue higher degrees or gain workplace skills. They can benefit from assistance & supervision in carrying out tasks associated with project & research work since such work departs somewhat from the usual pattern of graduate teaching. Students acquire the ability to manage research projects in an independent manner.

Get Knowledge & Skills

Utilizing Study Opportunities

An Extra Edge

Vital non-credit inputs supplement the regular BE programs as they meet the diverse learning needs of students and improve their employability. Moreover, these additional inputs build technical competencies, problem solving abilities, and managerial skills.

Advancement Courses

Non-syllabus courses cover latest and important computer, IT and other technological developments. Students can thereby adjust to rapid changes in these fields and update their knowledge.

Add-on Certifications

Internationally recognized certifications are offered from renowned institutions through related-training and preparatory examinations. They bridge the gap between the allocated curriculum and an ever-evolving industry.

Professional Development

We develop students professionally through training sessions, workshops, and internships. These deal with practical experience, time management, self-management, corporate dressing, interpersonal skills, and social etiquette.

Corporate Interaction

Eminent professionals give lectures and presentations on diverse, useful topics. To further interaction, students of all branches go on industrial trips at least once a year.

Field Visits & Internships

The College emphasizes a specified number of field visits for professional experience and implements the stipulation pertaining to internships for a particular degree.

Industrial Tie-ups

NCIT has tie-ups with top industries and IT-related business houses or even international companies for curriculum development, collaborative & applied research, knowledge exchange and skills transfer to our faculty, staff, and, importantly, students.

Placement Support

The Placement Cell supports graduates in finding the right kind of job environment here or abroad. This Office also helps them prepare documents & CVs and face interviews.

Entrepreneurship Cells

The Entrepreneurship Cell at NCIT aims at manifesting the latent entrepreneurial spirit of young students. The Cell hosts various workshops, speaker sessions, innovative games and competitions for aspiring entrepreneurs and supports them.

Research Training and Consultancy Unit

NCIT's Research Training and Consultancy Unit – RTCU – organizes valuable training for its graduates. Such training relates to Operating Systems Designs, Embedded System Designs & Web Development.

Organizational Partners
Learn Today – Apply Tomorrow

At NCIT, the impetus behind our teaching-learning is its relevance to industry human resource needs. To achieve this, the College forges linkages and partnerships with established organizations:

- Professional Computer System (PCS)
- Microsoft Innovation Centre (MIC) Nepal
- Janata Bank Nepal Ltd
- Dish Media Network Pvt Ltd
- Midas Technologies
- DryIce Solutions
- Deerwalk Service
- ICON Soft
- Braindigit IT Solution
- F1soft
- Webkraft Design
- Second Bench Australia
- Nepal Entrepreneur Hub (NEHUB)
- Genese Solution for AWS Educate
- Young Innovations
- Upveda Technology
- Web World Nepal
- HighTech Valley
- Log point Nepal Pvt Ltd
- Wolfmatrix Pvt Ltd
- Miracle Interfafce Pvt Ltd
- Checkpoint Secured Academy

Authorized Training Partner

NCIT is an authorized training partner of world-renowned training institutes like CISCO system, Redhat Inc. that offer all-inclusive professional training.

Membership

NCIT is registered as a Member of APNIC. APNIC (the Asia-Pacific Network Information Centre) is the Regional Internet address Registry (RIR) for the Asia-Pacific region. It is one of the world's five RIRs and is part of the Number Resource Organization.

Cutting-Edge Facilities

Benefitting from Resources

Library

NCIT has a spacious library of over 20,000 books including textbooks, reference, research & project reports, and audio-visual materials. Online access to international library networks and latest top journals, magazines, and newspapers is available. The library timing is 6:30am–8:30pm, Sunday to Friday, for students to be able to do long study.

ICT

NCIT has a networked environment with a centrally located ICT – Information Communication Technology – Centre with uninterrupted internet connectivity and free WIFI. The College also has state-of-the-art computer labs to encourage e-learning and enhance computer skills so necessary in the contemporary knowledge socio-economy.

Canteen

The College has a fine canteen for students and employees in its premises. At NCIT, the food and beverage including free drinking water quality is checked cautiously – periodically or randomly and physically or scientifically. We ensure that all food items are fresh, clean, nutritious, chemical or pest-free, and as affordable as feasible.

Virtual Classes & Conferences

NCIT provides Virtual Classes for lectures, assignments, tutorials & note taking. These help learning better through digital inputs & outputs and greatly reinforce classroom teaching & self-study. Conference halls facilitate organizing lectures and conferences that are regular events on the campus. The halls are equipped with the latest educational technology for webinars and online workshops.

Project Labs

NCIT has cutting edge labs for project work & research. Students can put their theoretical knowledge to use and learn to work independently. Modern equipment allows students to apply theory to function and to do research.

Be Involved

Life at NCIT

Extracurricular Activities

We believe ECAs play a rather meaningful role in a student's education and life. NCIT's extracurricular activities are indeed a vibrant side of its campus life making students fit in body, mind, and spirit to take on the challenges of the 21st century.

Clubs

The College has many stimulating clubs for the students' diverse areas of interest. NCIT clubs regale and refresh our hard working students and provide them a full college experience and a healthy psychological outlet.

Social Service

NCIT motivates its youngsters to serve society in as many ways as they possibly can. Many of our students volunteer for blood donation, public health awareness, sanitation programs, and natural calamity relief.

Games & Sports

The College has many games and sports including basketball, badminton, and table tennis. We also hold many intra- and inter-college competitions or friendly matches to increase players' participation and to inspire them to perform better and better.

Co-Curricular Activities

CCAs at NCIT certainly enrich students' lives by developing their personalities and academic profiles through productive engagement. The College has varied co-curricular activities that galvanize our youngsters to do even better in studies and stay ahead of others.

Seminars & Workshops

The College organizes frequent seminars and workshops to inform students about engineering and applied science. These occasions are about specific subject areas and have an interactive environment for students to learn from experts and orientate themselves.

Publications

NCIT regularly publishes magazines and newsletters managed by students. Their articles go a long way in making such productive output interesting and memorable apart from fostering students' creative & technical skills.

Professional Competitions

The College organizes numerous competitions to promote engineering & technology. These include different kinds of activities such as project competitions, popular engineering & technology talks, training camps, and exhibitions.

Nepal Open Source Klub

Nepal Open Source Klub – NOSK – has been successfully creating technical awareness and sharing knowledge of new technologies, software, and web development. It was established on 28th February, 2008, by our students who were enthusiastic about FOSS (free and open-source software) formerly as the NCIT Open Source Klub.

Robotics and Automation Centre

NCIT Robotics and Automation Centre (formerly the NCIT Robotics Club) has encouraged student participation in different robotic and electronic activities at the College and outside. The Club was established in 2003 with the aim to use the theoretical knowledge of our students in practical projects.

Be a Part of Our Tradition

Collaborating with Friends

Alumni Association

The NCIT Alumni Association – NASSO – was set up in 2005 with the aim to keep in touch with all the graduates of the College and interact with them on a regular basis so as to help our current students learn from their seniors whether studying or working or both in different parts of the world. Our alumni assist us in forging relationships with professional institutions all over the globe for the betterment of the institution and its students.

Free Students' Union

The Free Students' Union – FSU – is a key student body at NCIT that greatly helps in maintaining a harmonious study environment and in promoting professional activities among our keen learners. The FSU goes a long way in bringing students from different departments at NCIT together and by building up relationships that enhance their academic performance. It also assists in resolving disputes between students or misunderstandings, if any, with the management.

Conferences

NCIT students show tremendous organizational abilities as can be seen in their managing national or even international events. One of such event was the NaSCoIT – National Students' on Information Technology – Conference, 2013, an international IT conference on ICT for Glocalization.

Interactive Platform

NCIT's community of teachers and students discusses subject matters, projects, and activities across a wide network of relationships. The College also maintains close relationships with national & international universities and related bodies for stimulating intellectual enquiry. Representatives from various institutions provide useful information about educational and career prospects or career-related issues.

Enriching Events

The College celebrates its campus life through annual events that unite and energize its students and alumni. Welcome & Orientation programmes and Award & Graduation ceremonies add depth and texture to the NCIT experience. Students make lasting friendships and enrich their thinking.

Get Scholarships

Supporting Your Education

Scholarships

PU Scholarships

The college provides scholarships to deserving students as per PU guidelines. 10% students of the annual intake are provided full scholarships (except the expenses towards surveying, geological and other field visits).

NCIT Scholarships

The college provides scholarship based on the student's Percentage/ Grade in +2/equivalent and the merit of NCIT Entrance Test.

Performance based Scholarships

The college awards full Semester Fee waiver to students who achieve SGPA 4 in any Semester.

NCIT also awards class toppers and second toppers.

Join Us

Shaping Your Future

Admission Forms
can also be submitted
ONLINE
at

www.ncit.edu.np

Admissions

Students interested in joining BE at NCIT would need to go through a fair but thorough admission process.

Eligibility

Applicants need at least a second division in +2 or an equivalent exam or minimum 'C' Grade in each subject to secure admission here. **Biology group students (without Extra Maths) can also apply.**

Application Form

NCIT Entrance Exam Application forms are available for BE. Applicants should submit these forms duly filled in with supporting documents and photographs by the given deadline.

Entrance Exam

Getting through the Exam is mandatory for BE since the objective of the PU admission policy is to select students on a competitive basis. Questions asked are from related subject areas. Sample Test Papers can be obtained from NCIT along with Application forms.

Offer Letter

Selected applicants are handed Offer Letters for admission. They need to submit their acceptance along with needed original certificates or testimonials within the stipulated period to get admitted.

Enrolment

Once the College receives a letter of acceptance, it confirms admission forthwith subject to the payment of fees.

Research, Training and Consultancy Unit

Research and Development is a very careful consideration/thought of study regarding a particular concern or a problem using scientific methods. Research is a systematic inquiry and study to describe, explain, predict and control the observed phenomenon. Research is careful and organized study or gathering of information about a specific topic in different areas. Research provides lots of information to any sectors development tasks, and also provides authentic results for the development of any sectors. Again, Research provides us with the information and knowledge needed for problem solving and making decisions. Our NCIT College has established a research and development unit to provide necessary information and needed knowledge about how to use ICT in different areas. We are going to research and study to provide authentic solutions/information for the improvement and development of our existing systems of Nepal. For research and development task, our college has been signed MOU with SecondBench, Australia. Now NCIT College has already started research and study in following Components:

1. Artificial Intelligence
2. Machine Learning
3. Deep Learning
4. Electronic Educational Environment
5. Digital Municipality and IoT
6. Networked Systems and Parallel Computing
7. Pervasive Computing and Cyber physical Systems

NCIT has initiated interactions with different ICT industries, ICT using organizations for ICT knowledge based research environment for development accepts and to achieved Sustainable Development Goals (SDG) of Nepal 2030 (17 agendas). Without research we can't do any things for new innovations, creations and development.

Our main objective is to provide required knowledge, information and solutions to our development organizations, stakeholders etc. Our College already established a fully equipped (ICT) digital class room for above mentioned works. Under Graduates and Master Students are involving for their capacity building through the Research in above mentioned components.

Most importantly, NCIT has accommodated energetic, dynamics, knowledgeable and research-oriented faculties, who will ease the implementation of research and development programs.

NCIT College aims to develop dynamic researchers, experts in Information Technology fields for Nation development. For this venture, IT research plays a pivotal role in each and every sector's development. NCIT College, with its research and development-oriented team, is interested to apply and run research. For this end, NCIT College has provided me the research and development program responsibilities to implement, improvement and development. I would like to express my gratuity to NCIT College and entire management team for this.

Prof. Dr. Purusottam Kharel
Email: drpkharels@ncit.edu.np

Students' Corner

Blend of Theory and Practice at NCIT !

When I joined NCIT there years back, I was quite elated. My happiness now has been multiplied, not slackened. NCIT has gotten really good environment to study for Engineering with relevant practical. Large and fully dedicated faculty, considerate management and student-centered teaching-learning practices are some of the appealing features of NCIT. Also, modern physical infrastructure and medium-sized classroom make student-teacher interaction more feasible. All these features have made NCIT stand out among the crowd of colleges.

Badri Paudel
BE IT, SGPA 4.0

Value Education at NCIT !

I am glad to be a part of NCIT College that values student's social life as much as the academics. Endowed with pleasant environment, competent teaching professionals and efficient team of administration, NCIT provides its students a platform where they can learn to solve the problems with practical exposure.

Education has been my priority since a very young age, but NCIT taught me to push myself a step further in every aspect of life besides education. I am very thankful to NCIT for providing me such a wonderful learning atmosphere.

Mikal Shrestha
BE IT, SGPA 4.0

NCIT for Excellence !

After the completion of high school studies, I was a bit hesitant to join Pokhara University affiliated colleges for my engineering studies. But after joining NCIT, all my doubts and suspicions have gone astray. I found everything outstanding here. Pedagogical practices, care and concern shown to the students, expose to curricular/extracurricular activities, involvement in workshops, seminars and exhibitions provide the students ample opportunities to enlarge themselves and strive for excellence. Now I have acknowledged that my future is bright and my decision of joining NICT was right.

Buddha Dahal
BE Civil, SGPA 4.0

NCIT, Striving for the Best !

The most important merit of an institution is to prepare the students to be best in their field along with the virtues to work best for the nation. This is what NCIT has taught me. The refreshing environment, dedicated teachers and supportive administration of this college ever fill you with positive energy to give the best out of you. NCIT make me feel that an investment in knowledge always pays the best interest. I am really grateful to NCIT for all it has given to me- it has helped me recognize my true potential and guided me towards the path of success.

Rajat Bastola
BE Civil, SGPA 4.0

Producing Real Gems out of Ordinary Glass !

For me, NCIT has proven to be a source of inspiration. NCIT does not confine learning within bulky books and tiresome assignments. It rather encourages its students explore the world and one's own potential. Everyday spent in the college makes me feel a step closer to knowing the best and worst of myself. Many have studied here and many will be admitted in the future, but NCIT will remain strong as ever, nurturing young spirits, producing real gems out of ordinary glass. I will always remain proud to have studied at NCIT.

Binod Adhikari
BE Software, SGPA 4.0

NCIT Stands out of the Crowd !

Enrolling at NCIT is the best thing that has ever happened to me. As one of the best IT colleges of Nepal, NCIT remarkably stands out of the crowd. Days I spent at NCIT has helped me to know and understand myself better, and I have been able to discover a lot of opportunities to elevate my skills. With a friendly and experienced teaching faculty and sound learning environment, it is no doubt true that NCIT is the college every engineering aspirant should have on their list.

Shreeja Shrijan Shrestha
BE Software, SGPA 4.0

Shaping a Fresher into a Mature Intellectual !

NCIT for me is unique; it shapes a fresher into a mature intellect in its luxuriant academic set up. As a student of software engineering, I got an opportunity to learn and develop practical skills inside and outside the classroom always accompanied by my mates and mentors. Apart from intensive regular classes, the college provided me various opportunities to participate in workshops, technical events and seminars. I feel proud to be the student of NCIT.

Binayek Dotel
BE Software, SGPA 4.0

NCIT Sharpens Your Mind, Brightens Your Career !

NCIT offers everything to its students to succeed not only in academics but also in life. Providing exposure to workshops, seminars and co-curricular activities, NCIT makes its students realize that education is confined not only within bookish learning. Apart from better education NCIT has given me courage, confidence and determination to excel whatever I do. I would recommend NCIT for all those who want to sharpen both their mind and career.

Saruna Maharjan
BE Computer, SGPA 4.0

Step Closer to Your Dream at NCIT !

NCIT has proven to be a pivotal in my engineering studies. Learning at NCIT is not limited to bulky course books or tiresome assignment; learning means exploring the world and one's own potential. The support and guidance I receive from my teachers make academic hurdles a breeze to get over. The level of care and attentiveness shown to the students is remarkable. The time I spent in this college make me feel a step closer towards my dreams. I feel privileged to study in such a reputed and resourceful college!

Shrena Bajiko
BE Computer, SGPA 4.0

NCIT, a Safe Haven for Engineering Students !

A key factor for me to choose NCIT was that I was determined to graduate with excellence thereby elevating my future. To stand on today's market need, one should meet qualification criteria along with broad technical skills. Finding college that makes students competitive in this particular is really a tough task where NCIT has always been providing such quality. With frequent organization of relatable workshops and seminars, well-defined course syllabus and easily reachable teachers, NCIT has made me feel that it is a safe haven for engineering students.

Sujata Yadav
BE Computer, SGPA 4.0

Success Begins at NCIT !

NCIT, a leading college of engineering in Nepal, has set the foundation for my success story. I gained much knowledge of diverse subjects from qualified teachers. Congenial environment, sophisticated labs and resourceful library remain as integral parts of engineering studies at NCIT. Thank you NCIT for your care, support and encouragement. I am working hard to overcome the difficulties in upcoming days with the hope of succeeding in personal and professional life.

Prabin Sahani
BE Computer, SGPA 4.0

NCIT Is My Pride !

Enriched with effective administration, collaborative and efficient teaching unit along with sophisticated management teams, NCIT has stood as one of the best destinations for engineering students in Nepal. Along with academic amenities like resourceful library, classy laboratories and well-furnished classrooms, NCIT provides additional input to its students through co-curricular activities, seminars, talk programs etc. Having spent one and a half year at NCIT has already given me the vibes that choosing NCIT was a great decision. Being a part of this institute, I recommend anyone interested in engineering to join without any hesitation.

Sujata Ghimire
BE Civil, SGPA 3.96

NCIT as a Platform to Explore Ourselves !

From the dilemmas of finding the right environment to the successful launching into the space of science and technology, I feel proud to have made the decision of joining NCIT. Highly qualified and experienced Faculty members, peaceful and pleasant environment inside the college premises and support and encouragement from the college community helped me to explore myself and shape myself as a professional civil Engineer. Along with nurturing our academics, NCIT has silhouetted our personality so that we do understand the essence of professional ethics. NCIT is the home of all. As there is no place like home, there is also no place like NCIT.

Pooja Uprety
BE Civil, SGPA 3.96

NCIT for Nurturing Dreams !

I consider myself lucky to be a part of NCIT College, a pioneer college in engineering studies in Nepal. NCIT has impacted me a lot- it has inculcated positivity, escalated study interest and the most importantly nurture my dream to be an engineer. Supportive administration, mentoring teachers and comfortable learning environment dragged me in the right track, boosted up my confidence and finally led me to the place where I wanted to be. I am blessed to be an NCITian.

Rekha Bashyal
BE Civil, SGPA 3.96

Proud to Be an NCITian !

NCIT College consists of diverse opportunities for the students to explore their potential. I would have been unaware of all these had I not been a part of it. Besides learning practical skills, NCIT has taught me how to enlarge oneself and maximize one's potential. This institution has been rewarding to me intellectually, emotionally and socially. I always feel proud on being an NCITian.

Jay Prakash Jha
BE Civil, SGPA 3.96

NCIT Is My Pride !

NCIT is one of the leading Technical Colleges in Nepal. It consists of highly competent teaching faculties, dedicated staff and plentiful facilities. Along with resourceful library and exposure to co-curricular activities, the college also conducts seminars, workshops and competitive exhibitions which provide us the opportunities to bring our bookish learning into practice. NCIT has played important role in my intellectual, emotional and social growth. I have deemed that NCIT is my pride.

Deepak Sapkota
BE IT, SGPA 3.95

Fortunate to be a part of NCIT !

Enriched with highly qualified teachers, competent staff and state-of-art infrastructure, NCIT has proven itself to be one of the topmost IT colleges of Nepal. It caters the need and interests of the students and puts full effort to inculcate technical and professional skills among its students. My journey to NCIT has remained pivotal in my personal, emotional and academic growth. I am really glad that I chose this college to start my career in technology and engineering. My stay at NCIT will remain as an elevated memory and I would never exchange this experience for anything else.

Binisha Twitwi
BE Software, SGPA 3.95

NCIT, a Boon to Me !

It was really tough for me to choose right college for my engineering studies after the completion of my high school. It has been a great privilege to be a part of NCIT as it consists of good learning environment with friendly and cooperative teachers, well-equipped labs and resourceful library. Frequent seminars, workshops and various competitive events at NCIT provide abundant opportunities for the students to advance their knowledge and technical skills. NCIT has given me a platform to fulfill my dreams by escalating my enthusiasm in computer engineering. I hold the highest regards for my college.

Bunu Baniya
BE Computer, SGPA 3.95

Honored to be an NCITian !

It is hard to choose a genuine institution and even harder to cope with the environment and overcoming the challenges. NCIT is one of those institutions with sophisticated management, supportive teachers and pleasing ambiance. I joined NCIT with a view to fostering my dream. Its remarkable history of excellence and ever inspiring faculty members have been the turning point of my life. I feel privileged to be a part of NCIT's bachelors program.

Binisha Awale
BE Computer, SGPA 3.95

Explore the Unexplored at NCIT !

NCIT has given me an astonishing platform to explore my skills and abilities. Experienced faculty members, supportive administration and amiable ambiance of the college have always been integral part of learning process. The college community is helping me not only in imbibing knowledge and developing my overall personality, but also fueling confidence in me and helping to reach closer to my dream of becoming a competent engineer. Each day at NCIT makes me feel that I am exploring the unexplored.

Amit Thapa
BE Civil, SGPA 3.94

NCIT: A Pathway to My Dream !

NCIT College for me is an engineering academic institute par excellence. It accommodates study-friendly environment, well-facilitated infrastructure and experienced and dedicated teachers and staff. NCIT is an ideal platform for those who dream of bright career in Engineering. Joining this college has helped me take a next step closer to my dream. It provided me a path to be what I am today, and I feel proud to be associated with NCIT.

Nikita Khadka Magar
BE Civil, SGPA 3.9

Grooming My Potentiality at NCIT !

Being an NCITian itself is a moment of proud. Engineering at NCIT has truly helped me to explore myself and groom my potentialities. Opportunities provided here have guided me to build up my personality and enhance public relation. Learning with inspiring teachers and diligent college management always makes one enthusiastic. I am really indebted to NCIT for everything offered to its students.

Keshav Raj Poudel
BE Computer, SGPA 3.91

Blissful Years at NCIT !

NCIT College has remained pivotal in my academic endeavors. Knowledge I have acquired, skills I have framed and experience I have accumulated are unforgettable part of my life. Astonishingly, I couldn't have asked for anything better as a NCIT Student. Looking backwards as well as evaluating forward, it was my one of the best decisions joining Undergraduate Program of Engineering at NCIT. I am grateful for everything I have received here. I wish success, prosperity, and abundance to all. Thank you!

Bibek Gautam
BE IT, SGPA 3.9

From a Novice to a Software Professional !

I am proud to have completed software engineering program from NCIT and thank entire college family for putting in all the efforts to groom me as a corporate professional. NCIT, with its motto "shaping minds, molding dreams, building careers", has made many students like me feel that the world is huge, infinite opportunities are scattered all around and the only limit is one's will to achieve the goal. My four years at NCIT college have been excellent and a memory to cherish for a lifetime. The friendly attitude of the professors and their willingness to offer helping hands has made me feel a part of the NCIT family.

I owe my success to "NCIT" and feel proud on being alumni of NCIT College.

Er. Sanjaya Adhikari
BE Software, CGPA 3.81

NCIT, My Holy Grail !

Confused with what stream should I join for my undergrad, I stumbled upon NCIT's Software Engineering program aftermath of my high school. Being fascinated by the world so dependent on 1's and 0's and growing up tweaking codes to unlock/modify sweet features on games, the unique program offered here caught my eye in an instant. Upon learning more on the program courses and gathering information about the college and the degree on the web, I'd found my holy grail.

NCIT, while one may find to be miniscule as compared to other colleges area-wise, they are in for a treat when it comes to the stuffs that matters. Experienced teachers? Check. Theoretical explanation along with practical approach to course materials? Check. Extra skill enhancement activities? Check. Amazing friends and creating many wonderful memories? A BIG CHECK.

The memories I've made so far and the newer ones I'll be making here shall always be engraved in my heart. Joining NCIT did not only enroll me to receiving quality education but also to an unprecedented adventure. Remembering my days here after graduation shall always 'put a smile on that face'. But for the meantime, my saga here continues.

Jeevan Niraula
BE Software, SGPA 3.81

Opting NCIT: Best Decision I Have Ever Made!

Looking back 4 years from today, I am assured that choosing NCIT for my Undergraduate degree has been one of the paramount decisions of my life. I trusted and opted for NCIT and yes, it has been a cornerstone in my academic endeavors. Highly qualified and experienced faculties and staffs together with sophisticated atmosphere played a crucial role in my academic as well as professional up-bringing.

I urge all would-be NCITians to dive within your passion and explore your potentials. Maximize possible resources available NCIT offers to you with an indomitable spirit to exceed and succeed. Multiply your potential with your plans and plough your seeds of achievement.

I would like to acknowledge support and guidance of NCIT family for helping me overcome all the hurdles and molding me into the person that I am today with "Vice-Chancellor Gold Medal Award- 2018".

Er. Nipesh Shrestha
University Topper (CGPA 4.0)
Pokhara University

NCIT: An Eminent Institute for Engineering Studies!

NCIT has remained as an integral part of my academic and professional life. College Management with incredible competence, faculties with proven excellence and administrative staffs with professional brilliance remained as continuous motivation for me to exceed in my life.

Also, highly competitive learning atmosphere, adequate infrastructures, diverse elective courses, seminars, trainings, workshops, field visits, Bootcamps, research works etc. have proved NCIT to be an exceptional institute for engineering studies.

Manisha Bhattarai
2nd Position, CGPA 3.99
Faculty of Science and Technology, Pokhara University

Shaping Engineering Career at NCIT!

NCIT played a crucial role in imparting true education in the field of civil engineering. Apart from the theoretical knowledge, I acquired practical skills through elective courses, labs, field visits, survey camp and project works. Mentoring teachers, supportive staffs and caring administration remained pivotal in my cherishing academic journey at NCIT.

I feel proud to be a graduate of Civil Engineering1st batch of NCIT!

Er. Ruby Koju
3rd Position, CGPA 3.98
Faculty of Science and Technology, Pokhara University

NCIT Sparked My Research Interest

I studied Bachelor of Software Engineering at NCIT. NCIT has definitely played a key role in launching my academic career. The aspect of NCIT I enjoyed most was the individualized attention I received, which was made possible by the small-size classes and expertise of lectures at NCIT. All of my professors, friends, and senior colleagues provided invaluable help and guidance, and I am exceedingly grateful to them. I feel that NCIT really helped to build my confidence and spark my interest in research and furthering my education. I have recently completed my Ph.D. in computer science and have been working at New York University in New York City as a Research Associate.

Ms.Rina Patel Sigh (PHD)
Software Engineer
Tennessee Technological University, Tennessee, USA

NCIT, a Platform to Learn and Excel

NCIT is one of the best Engineering colleges in Nepal. I am glad that I chose NCIT which provided me a great platform to learn and excel in my studies. The mentorship and motivation I received from NCIT faculties and staffs laid the foundation of my academics and further shaped my professional career. Today I am based in Hamilton, Canada and working as a Senior Software Developer at Stream Companies. Now, I feel that whatever I have achieved wouldn't have been possible without NCIT. Thank you NCIT for everything.

Lal Bahadur Saud
M.Sc. Computer Engineering
Stream Companies, Canada

NCIT Transformed My Dream into Profession

When I joined NCIT in 2003 A.D I was worried about what the future might hold for me. Despite my keen interest in software realm, I was totally confused how to acquire software knowledge and how to bring it into practice. But NCIT's congenial learning atmosphere made all the differences. With over ten years of experience as Senior Software Developer and success history at several multinational projects, I feel sincerely grateful towards NCIT for transforming my dream into the profession, confusion into confidence, and wish into passion.
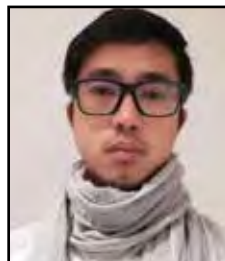
Gyanesh Buda
MS Computer Science
Software Application Developer III
Noridian Healthcare Solutions North Dakota, USA

Living One's Dream at NCIT

Choosing NCIT for my engineering studies was one of my best decisions to the date. Great infrastructure, supportive study environment, dedicated faculty and excellent opportunities for extracurricular and co-curricular activities not only helped me to pave my successful career ahead but also taught me to excel in every aspect of my life. Most importantly, it inspired me 'to be me'. Thanks for providing this beautiful opportunity to put forward my experiences of being an NCITians. I will always be thankful to NCIT for all the advice, direction and assistance poured down on me by the faculty, staff, and colleagues selflessly.

Kiran Gurung
Software Engineer, My Medic Watch Pty Ltd, Sydney, Australia
Linkedin: https://www.linkedin.com/in/gurungkiran/
Current Workspace: https://www.mymedicwatch.com

NCIT, Lifetime Treasure to Me

I completed my BE and ME from NCIT. When I joined this college for the first time, I was a bit confused and perplexed thinking whether I would succeed in my studies or not. But shortly, I felt that choosing NCIT was one of the best decisions I have ever made. Knowledge I acquired, friendship I made and experiences I gained and memories I created added different perspectives to my life. It always feels great remembering wonderful professors who always motivated and encouraged me to take risk and learn new things. I am and will always stay thankful to NCIT for making me who I am today. NCIT will always remain as elevated memories.

Er. Pradip Raj Poudel
Engineer, Ministry of Culture, Tourism and Civil Aviation, Singhadurbar

NCIT: The Choice of the Achievers!

My journey to NCIT was driven by my ambition to become a Software Engineer. NCIT's scholastic community enchanted me from the very beginning and encouraged me to devote myself in studies. As a Software Engineering enthusiast, I focused entirely on Programming language right from the first day of my college and dedicated myself to come up with best results. Consequently, I completed my Software Engineering with impressive grades, in-depth knowledge and unforgettable experiences.

I am currently holding the responsibility of an IT Advisor to the Prime Minister of Nepal. Today, I am assured that my dream came true due to the academic atmosphere of NCIT and the support, encouragement and motivation of entire NCIT community. I am indebted to the entire college family for bolstering me to march ahead unblocked onto my career avenue.

Er. Asgar Ali
Co-founder, F1-Soft/IT Expert

Committed Staff

Administrative Staff
Mr. Niranjan Khakurel, Principal

Administrator
Ms. Geeta Bajracharya, Account
Mrs. Sarita Khanal, Administration

Deputy Administrator
Mr. Binod Kr. Upadhaya, Exam
Mr. Charan Singh Chhetri, Administration
Mr. Rajendra Rimal, Account

Assistant Administrator
Mr. Sunil Khadgi, Store
Mrs. Nisha Bhattarai, Library
Mrs. Rupa Gelal, Civil
Mrs. Shanta Karki, Library
Mrs. Sharada Neupane, Exam

Department Assistant
Mrs. Bindira Thapa, BBA
Mr. Chitra Bd. Khadka, Software
Mr. Prasanna Gelal, Electronics/BCA
Mr. Sagar Karki, Masters
Mr. Shantosh Rai, Computer
Mr. Subash Khadka, IT

Senior Office Assistant
Mr. Manoj Chaulagain, Account
Mr. Utshav Mishra, Account

Office Assistant
Mr. Anish Neupane, Exam

Administration
Ms. Mira Badal, Front Desk Officer
Ms. Shreetu Neupane, Front Desk Officer
Mr. Sujan Gurung (Extra Curriculum Activities)
Mr. Balram Khadka, (Security Supervisor)
Mr. Gyanendra Bahadur KC (Operation and Maintaince)

Technical Staff
Mr. Bhagwat Ram Gelal, Lab Technician (Electronics)
Mr. Bibek Pudasaini, Lab Instructor (civil)
Ms. Shrijana Paudel, Lab Technician (Physics/Chemistry)
Mr. Dev Bd. Basnet, Lab Assistant (Civil)
Mr. Hukum Bd. Basnet,LabAssistant (Workshop)
Er. Nirdosh Adhikari (Computer System)
Mr. Narayan Pd Regmi, Lab Techinician (Civil)
Mr. Pappu Sunuwar, Lab Techinician (Computer)
Mr. Manohar Joshi, Junior Lab Assistant (Computer)

Transportation staff
Mr. Netra Bd. Thapa (Driver)
Mr. Om Bahadur Bayalkoti (Driver)
Mr. Santosh Nagarkoti (Driver)

Support Staff
Mr. Shankar Maharjan (Head Mali)
Mrs. Krishna Maya Maharjan (Office Helper)
Mrs. Laxmi Maya Maharjan (Office Helper)
Mrs. Indira Neupane (Office Helper)
Mrs. Ishwora Paudyal (Office Helper)
Mrs. Sushila ThapaCheetri (Office Helper)
Mrs. Lila Rai (Office Helper)
Mr. Nuccheman Maharjan(Plumber)
Mr. Pusta Bd. Pariyar (Electrician)
Mr. Uttam Pode (Cleaner)
Ms. Naicha Pode (Cleaner)

Dedicated Faculty

Mr. Ashish Poudel, BE Civil
Mr. Amit Kumar Shrivastava, M Tech
Mr. Arun Devkota, MSc Physics
Mr. Ashok Sharma, BE ELX
Mr. Bishal Trital, BE IT
Mr. Bhaktiram Ghimire, MBS
Mr. Bhusan Shamsher Thapa, M Tech
Mr. Birendra Bista, M Tech
Mr. Bishwa Neupane, MSc Chemistry
Mr. Chandra Prakash Bhatta, ME Computer
Mr. Chhabi Lal Siwakoti, MSc Mathematics
Mr. Deepak Raj Aryal, MA Mathematics
Mr. Deepak Raj Bohora, ME Computer
Mr. Dev Raj Joshi, MSc Materials
Mr. Dileep Kumar T, BE IT
Mr. Gajendra Bhatta, BE Civil
Mr. Himal Acharya, Masters'
Mr. Himalaya Ghimire, MSc Mathematics
Mr. Ishwar Joshi, BE Civil
Mr. LokNath Subedi, BE Civil
Mr. Madan Kadariya, MSc IT
Mr. Mahesh Neupane, BE ELX
Ms. Manisha Bhattarai, BE IT
Mr. Narayan Puri, BE Civil
Mr. Niranjan Khakurel, ME Computer
Mr. Navraj Neupane, MSc Mathematics

Mr. Nipesh Shrestha, BE IT
Mr. NirdoshAdhikari, BE IT
Mr. Pawan Lamsal, MA Stat
Mr. Prakash Poudel, ME Computer
Mr. Purna Pd. Sharma, Mphil Mathematics
Ms. Rabina Chaudhary, BE IT
Mr. Ramu Pandey, BE ELX
Ms. ReshaDeo,MCIS
Mr. Rishikanta Maraseni, ME Computer
Dr. Roshan Chitrakar, PhD
Mr. Roshan Kumar Shah, ME Computer
Ms. Ruby Koju, BE Civil
Mr. SamundraPaudel, MBA
Mr. SarojShakya, MSc Computer Science
Mr. Satis Kumar Karna, BE Elx, MBA
Mr. Shivahari Acharya, BE ELX
Mr. SubashManandhar, MSc CSIT
Mr. Subir Rai, MSc Construction Management
Mr. Tirtha Raj Bhatt, MA English
Mr. UttamPokharel, MSc Mathematics
Mr. Umanga Raj Pandey, BE ELX
Dr. Shashidhar Ram Joshi, PhD
Dr. Sanjeeb Prasad Pandey, PhD
Dr. Satish Ojha, PhD
Dr. ArunTimilsina, PhD
Dr. PurusottamKharel, PhD

Making a Difference *Regular / Visiting Faculty*

Dr. Pradip Poudel, PhD
Dr. Basanta Joshi, PhD, Computer
Dr. Roshan Koju, PhD
Mr. Abhimanyu Lal Singh, PhD scholar
Mr. Kumar Pudashine, MSc IT
Mr. Suramya Sharma, ME
Mr. Prabin Shakya, ME
Ms. Kabita Pokhrel, MBS
Mr. Dadhiram Ghimire, MSc IT
Mr. Chandan Gupta, ME
Mr. Sanam Dangol, ME
Mr. Yub Raj Rimal, MBA
Mr. Kiran Khanal, ME
Mr. Manjul Bhattarai, BE IT
Mr. Bhanu Niraula, MIS
Mr. Chiranjeevee Kuthumi Rai, MSI CE
Mr. Bhesh Kumar Karki, BE Civil
Mr. Chandra Dev Bhatta, MSc Geo Tech Eng.
Ms Ila Bhatta, MSc Water Resource
Mr. Md. Raheem Ansari, ME Computer
Mr. Santosh Dhungana, BE IT
Mr. Shankar Gongagu, MSc ISE
Mr Surendra Mohan Shrestha, MSc Urban Management
Mr. Uma Shankar Pandey, ME
Mr. Purushottam Shrestha, ME Computer
Mr. Sudan Neupane, MSc Mechanical

Mr. Bharat Lamichhane, BE ELX
Mr. Khusal Regmi, MCA
Mr. Bijendra Raut, MBA
Mr. Raju Ghimire, ME Computer
Mr. Yogesh Deo, ME Communication Engineering
Ms. Salina Dangol, ME Computer
Mr. GP Acharya, MSc Computer Science
Mr. Lava Kafle, MSc Computer
Mr. Uddhav Bhattarai, ME Computer
Mr. Bhanu Bhakta Niraula, MSc ISE
Mr. Deepak Niraula, BE ELX
Mr. Bibek Rupakheti, MSc
Dr. Subod Sharma, PhD
Mr. Mohan Bhandari, BE Computer
Mr. Gyaneshshwor Bohara MSc Computer
Mr. Pradip Prasad Bhatta, MSc Transportation
Mr. Rabindra Babu Shrestha, MSc Irrigation
Mr. Prabesh Jung Karki, BE IT
Mr. Bishwash Pokharel, BE Electrical
Mr. Madan Neupane, MSICE
Mr. Dhan Prasad Paudel, M Tech
Mr. Kumod Prasad Bhatta, BE Civil
Mr. Gopal Gautam , MSc Transportation
Mr. Bijaya Bishwakarma, BE Civil
Mr. Sushil Sah, ME Computer
Mr. Roshan Maharjan, MSc Computer Science

NCITians

A Glimpse of Results 2018

Badri Paudel
BEIT, SGPA 4.0

Rudra Nepal
BEIT, SGPA 4.0

Anup Rijal
BEIT, SGPA 3.95

Deepak Sapkota
BEIT, SGPA 3.95

Mikal Shrestha
BEIT, SGPA 3.95

Puspa Khanal
BEIT, SGPA 3.95

Suraj Thapa
BEIT, SGPA 3.89

Bikash Thapa Magar
BEIT, SGPA 3.88

Pasang Yangji Tamang
BEIT, SGPA 3.88

Suman Neupane
BEIT, SGPA 3.88

Alisha Roy
BEIT, SGPA 3.82

Kiran Poudel
BEIT, SGPA 3.82

Bibek Gautam
BEIT, SGPA 3.79

Bibek Neupane
BEIT, SGPA 3.79

Benju Basnet
BEIT, SGPA 3.77

Naina Maharjan
BEIT, SGPA 3.77

Anisha Maharjan
BEIT, SGPA 3.75

Anish Karki
BEIT, SGPA 3.74

Arbit Chaudhary
BEIT, SGPA 3.74

Dinesh Aryal
BEIT, SGPA 3.74

Sushil Phuyal
BEIT, SGPA 3.73

Puspa Poudel
BEIT, SGPA 3.72

Shreya Upadhaya
BEIT, SGPA 3.72

Anu Katila
BEIT, SGPA 3.70

Pradip Rai
BEIT, SGPA 3.68

Prakriti Pokharel
BEIT, SGPA 3.68

Suraj Sharma
BEIT, SGPA 3.57

Mukesh Chaudhary
BEIT, SGPA 3.52

Dixita Poudel
BEIT, SGPA 3.49

Prakash Mahara
BEIT, SGPA 3.47

Alka Shilpakar
BEIT, SGPA 3.44

Saroj Bhattarai
BEIT, SGPA 3.44

Rajan Paudel
BEIT, SGPA 3.42

Arun Shrestha
BEIT, SGPA 3.38

Bom Bdr. B.K
BEIT, SGPA 3.36

Umesh Paneru
BEIT, SGPA 3.34

Image Bhattarai
BEIT, SGPA 3.33

Mithila Adhikari
BEIT, SGPA 3.32

Bikalpa Dhakal
BECE, SGPA 4.0

Prabin Sohani
BECE, SGPA 4.0
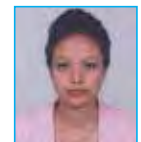
Saruna Maharjan
BECE, SGPA 4.0

Shrena Bajiko
BECE, SGPA 4.0

Sujata Yadav
BECE, SGPA 4.0

Abiral Sanraula
BECE, SGPA 3.95

Binisha Awale
BECE, SGPA 3.95

Keshav Raj Poudel
BECE, SGPA 3.91

Parvat Nepal
BECE, SGPA 3.89

Sushant Babu Luitel
BECE, SGPA 3.89

Bunu Baniya
BECE, SGPA 3.86

Khusbu Kumari
BECE, SGPA 3.81

Ashesh Shrestha
BECE, SGPA 3.79

Jiwan Deuja
BECE, SGPA 3.77

Sumit Rana
BECE, SGPA 3.70

Mini Maharjan
BECE, SGPA 3.68

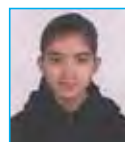Nishma Kafle
BECE, SGPA 3.68

Peris Rai
BECE, SGPA 3.68

Satendra Yadav
BECE, SGPA 3.68

Suresh Bhandari
BECE, SGPA 3.68

Juli Kumari Sah
BECE, SGPA 3.67

Barsha Pokhrel
BECE, SGPA 3.65

Jasbin Karki
BECE, SGPA 3.62

Mukesh Upadhaya
BECE, SGPA 3.61

Chhaya Tamang
BECE ,SGPA 3.49

Yukta Sharma
BECE, SGPA 3.49

Rajeet Shakya
BECE, SGPA 3.48

Sibendra Sager Subedi
BESE, SGPA 3.48

Dipu Sah
BECE, SGPA 3.46

Salim Maharjan
BECE, SGPA 3.46

Asmita Kafle
BECE, SGPA 3.44

Bibek Awale
BECE, SGPA 3.44

Puspa Raj Pande
BECE, SGPA 3.40

Utkarsha Dahal
BECE, SGPA 3.39

Students having SGPA above 3.3

Amish Thapa BECE, SGPA 3.38	**Manish Mandal** BECE, SGPA 3.37	**Aruna Gautam** BECE, SGPA 3.35	**Bibek Chandra Paudel** BECE, SGPA 3.33
Danish Thapa BECE, SGPA 3.33	**Nisha Mahato** BECE, SGPA 3.33	**Rezi Bajracharya** BECE, SGPA 3.32	**Binayak Dotel** BESE, SGPA 4.0
Binod Adhikari BESE, SGPA 4.0			

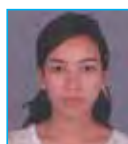|			
Mithun Adhikari BESE, SGPA 4.0	**Preetri Anand** BESE, SGPA 4.0	**Binisha Twitwi** BESE, SGPA 3.95	**Rajan Karki** BESE, SGPA 3.95
Sanjay Adhikari BESE, SGPA 3.94	**Shreeya Shrijan Shrestha** BESE, SGPA 3.94	**Dheeraj Shrestha** BESE, SGPA 3.89	**Shraddha K.C.** BESE, SGPA 3.85
Himshikha Rai BESE, SGPA 3.81			

Jeevan Niroula BESE, SGPA 3.81	**Jenish Adhikari** BESE, SGPA 3.72	**Sagar Binod Adhikari** BESE, SGPA 3.66	**Jiwan Gharti** BESE, SGPA 3.65
Jaspana Mulmi BESE, SGPA 3.64	**Basanta Raj Paudel** BESE, SGPA 3.61	**Aashish Neipane** BESE, SGPA 3.59	**Sajjan Paudel** BESE, SGPA 3.56
Poshan Pandey BESE, SGPA 3.48			

Ankit Thapa BESE, SGPA 3.47	**Madhav Gautam** BESE, SGPA 3.44	**Akhil Chhetri** BESE, SGPA 3.38	**Piska Budhathoki** BESE, SGPA 3.38
Bishal Giri BESE, SGPA 3.34	**Anurag Joshi** BE Civil, SGPA 4.0	**Jay Prakash Jha** BE Civil, SGPA 3.96	**Pooja Uprety** BE Civil, SGPA 3.96
Sujata Ghimire BE Civil, SGPA 3.96			

Amir Thapa BE Civil, SGPA 3.92	**Sagar K.C** BE Civil, SGPA 3.92	**Nikita Khadka Magar** BE Civil, SGPA 3.91	**Kishan Kumar Shah** BE Civil, SGPA 3.87
Niraj Ghimire BE Civil, SGPA 3.81	**Budha Dahal** BE Civil, SGPA 3.80	**Pankaj Chaudhary** BE Civil, SGPA 3.76	**Rekha Bashyal** BE Civil, SGPA 3.76
Basant Paul BE Civil, SGPA 3.70			

Ravi Bhandari BE Civil, SGPA 3.71	**Rakesh Kumar Sah** BE Civil, SGPA 3.66	**Prakash G.C** BE Civil, SGPA 3.65	**Bhakta Bdr Shahi** BE Civil, SGPA 3.61
Rajat Bastola BE Civil, SGPA 4.00	**Galendra Uraw** BE Civil, SGPA 3.58	**Hukum K.C** BE Civil, SGPA 3.58	**Babina Ranjit** BE Civil, SGPA 3.57
Abina Sharma Subedi BE Civil, SGPA 3.55			

Mujebur Khan Rain BE Civil, SGPA 3.54	**Resham Rawal** BE Civil, SGPA 3.53	**Manoj Sunuwar** BE Civil, SGPA 3.47	**Bikram K.C.** BE Civil, SGPA 3.46
Bijayababu Shrestha BE Civil, SGPA 3.45	**Rabin Bikram Shah** BE Civil, SGPA 3.40	**Mukesh Paudel** BE Civil, SGPA 3.34	**Krishna Bhatta** BE Civil, SGPA 3.33
Anisha Shrestha BE Civil, SGPA 3.20			

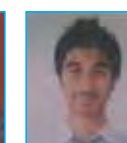|			
Sandip Tripathi BE Civil, SGPA 3.27	**Sagar Bista** BE Elx, SGPA 3.95	**Miraj Pandey** BE Elx, SGPA 3.94	**Padam Pani Aryal** BE Elx, SGPA3.88
Sajan Sahani BE Elx, SGPA 3.83	**Ashirbad Tamang** BE Elx, SGPA 3.70	**Chudamani Awasti** BE Elx, SGPA 3.61	**Sujan Shrestha** BE Elx, SGPA 3.58
Samir Singh Bhandari BE Elx, SGPA 3.42	**Manju Lamichane** BE Elx, SGPA 3.40		

Notable Results 2017/18

Er. Nipesh Shrestha
CGPA 4, University Topper
Pokhara University

Er. Nipesh Shrestha receiving Vice Chancellor Medal
from Vice Chancellor of Pokhara University
Prof. Chiranjeebi Sharma

Er. Manisha Bhattarai
2nd Position, CGPA 3.99
Faculty of Science & Technology, Pokhara University

Er. Ruby Koju
3rd Position, CGPA 3.98
Faculty of Science & Technology, Pokhara University

Er. Bishal Trital
3rd Position, CGPA 3.98
Faculty of Science & Technology, Pokhara University

Er. Sanjay Trital
4th Position, CGPA 3.97
Faculty of Science & Technology
Pokhara University

Er. Mandira Bhattarai
6th Position, CGPA 3.95
Faculty of Science & Technology
Pokhara University

Er. Rabina Chaudhary
7th Position, CGPA 3.93
Faculty of Science & Technology
Pokhara University

Er. Dileep Kumar T
9th Position, CGPA 3.91
Faculty of Science & Technology
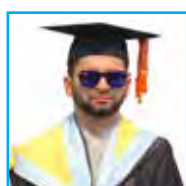*Pokhara University*

Er. Sanjay Adhikari receiving Convocation Certificate from
Registrar of Pokhara University Assoc. Prof. Gobinda Prasad Sharma

Er. Pasang Yangji Tamang
BEIT, CGPA 3.86

Er. Shreya Upadhaya
BEIT, CGPA 3.81

Er. Bibek Neupane
BEIT, CGPA 3.76

Er. Pushpa Khanal
BEIT, CGPA 3.62

Er. Anu Katila
BEIT, CGPA 3.61

Er. Rupak Gyawali
BEIT, CGPA 3.51

Er. Shaksham Regmi
BEIT, CGPA 3.44

Er. Suman Neupane
BEIT, CGPA 3.40

Er. Ashim Gelal
BEIT, CGPA 3.18

Er. Abdul Aziz Miya
BEIT, CGPA 3.15

Er. Saroj Bhattarai
BEIT, CGPA 3.13

Er. Saurya Paudel
BEIT, CGPA 3.07

Er. Saujanya Bakhu
BEIT, CGPA 3.04

Er. Aakriti Pant
BEIT, CGPA 3.03

Er. Abiral Sangroula
BECE, CGPA 3.54

Er. Denisha Thapa
BECE, CGPA 3.52

Er. Jasbin Karki
BECE, CGPA 3.47

Er. Peris Rai
BECE, CGPA 3.39

Er. Nisha Mahhato
BECE, CGPA 3.31

Er. Amrit Sunar
BECE, CGPA 3.28

Er. Santosh Devkota
BECE, CGPA 3.21

Er. Sanjay Adhikari
BESE, CGPA 3.89

Er. Sradhha K.C
BESE, CGPA 3.69

Er. Mithun Adhikari
BESE, CGPA 3.62

Er. Dheeraj Shrestha
BESE, CGPA 3.55

Er. Sandesh Pokharel
BESE, CGPA 3.44

Er. Rakesh Kuramr Shah
BE Civil, CGPA 3.59

Er. Sushant Tuladhar
BESE, CGPA 3.52

Er. Bikram K.C
BE Civil, CGPA 3.44

Er. Bel Bahadur BK
BE Civil, CGPA 3.38

Er. Basanta Pal
BE Civil, CGPA 3.33

Er. Aanisha Shrestha
BE Civil, CGPA 3.30

Er. Pratik Kafle
BE Civil, CGPA 3.22

Er. Susmita Gurung
BE Civil, CGPA 3.16

Er. Sajan Kr. Sahani
BE Elx, CGPA 3.80

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