

nec

A BRAND OF QUALITY
ENGINEERING EDUCATION SINCE 1994

Bachelor Programs

Civil | Architecture | Computer | Information
& Communication | Civil for Diploma Holders |
Electrical & Electronics | Civil & Rural

Master Programs

CM | NRM | iWRM | TEAM

32
Years of
Excellence



PROSPECTUS 2026

NEPAL ENGINEERING COLLEGE

(Affiliated to Pokhara University)

Self Financed Not-for-Profit Social Academic Institute

(D.A.O. Bhaktapur, Regd. No. 552/2060)

Changunarayan Municipality-4,
Bhaktapur
GPO Box 10210, Kathmandu, Nepal
Ph: 01- 5221006, 5221012
Email: info@nec.edu.np
Website: www.nec.edu.np



College Board of Directors



Mr. Jeevan Khatri
Chairperson
(Mayor, Changunarayan Municipality)



Mr. Suresh Acharya
Member
Assistant C.D.O., Bhaktapur



Member
Pokhara University



Prof. Sabitri Kumari Tripathi (Pandey)
Member
Teachers' Representative



Mr. Som Prasad Pradhan
Member



Mr. Dinesh Khanal
Member



Mr. Naresh Khadka
Member



Mr. Santosh K.C.
Member



Assoc. Prof. Durgaprasad Bhandari
Member Secretary, Principal

the Founders

- 1 Late Prof. Dr. Deepak Bhattarai
- 2 Mr. Hari Prasad Pandey
- 3 Late Dr. Ram Ratna Upadhyay
- 4 Er. Lava Raj Bhattarai
- 5 Dr. Upendra Gautam
- 6 Mr. Lambodar Neupane
- 7 Late Mr. Surya Bahadur K.C.

Message from the **CHAIRPERSON**

Changunarayan Municipality welcomes all the freshers of Nepal Engineering College (*nec*). We are immensely proud to have one of the finest engineering colleges of the country in our municipality. This college has lots of contribution towards the upliftment of academic and social standard of this municipality and along with that towards the overall development of the nation. Over the period of 32 years of providing its services Nepal Engineering College has produced thousands of highly qualified technical human resources who are providing their services not just in Nepal but also in various foreign countries.

The college has been helping the meritorious and needy students to pursue their dreams of becoming an engineer through various scholarships and financial assistance programs. Changunarayan Municipality considers this college as one of the valuable gem of this municipality and vows to assist the college in its dream of providing quality education and producing highly qualified human resources in terms of financial assistance for development of infrastructures or through scholarships.

The municipality is also working towards the facility of providing student loan schemes to help the student in terms of their financial need to pursue their dreams of being highly skilled personnel. I am highly confident that students who chose this college for their academic journey will find the overall academic experience in this college highly rewarding for their professional career.



Mr. Jeevan Khatri
Chairperson, *nec*





Message from the **PRINCIPAL**

Since its establishment in 1994 *nec* is committed to maintaining its reputation as an institution dedicated to quality education and academic freedom, setting an example for others to follow. It is a matter of great pride that the students graduated from this institutes are occupying prestigious positions in the organizations of national and internationals repute.

As educators, it is our responsibility to create a learning ecosystem that embraces technological advancements while nurturing ethical values, creativity, and social responsibility. Our institution remains committed to adopting innovative pedagogical approaches, strengthening industry-academia collaboration, and equipping students with the knowledge and skills required for the future workforce.

Modern teaching–learning practices at *nec* emphasize experiential learning, project-based education, virtual laboratories, smart classrooms, simulation tools, and collaborative digital platforms. These technologies empower students to gain deeper conceptual understanding, develop critical thinking skills, and engage in hands-on problem-solving experiences that mirror industry requirements.

I congratulate all faculty members, researchers, alumni society, students, stakeholders and well-wishers who continuously contribute to academic excellence and technological innovation. I am confident that by leveraging emerging technologies, we will continue to shape competent engineers, visionary leaders, and responsible global citizens.

As we step into this promising new beginning, we look ahead with profound hope and unwavering conviction—ready to collaboratively shape a future where our students continue to soar high, achieving personal success and leading a life of purpose and impact.

With best wishes,

Assoc. Prof. Durgaprasad Bhandari
Principal

Vision and Mission of *nec*

The **vision of *nec*** is to **evolve** as the **center of higher learning, excelling in academics**, through continued engagements in education, **research and outreach** as **three integrated functions** of the college.

In approaching the stated vision, the mission of *nec* includes:

- Providing the youth with the best opportunities and environment of learning to help them attain high level of academic standard, scientific temper, technical and professional competence and life-skills.
- Train and develop youth as total person, ready to serve the society and people to transmit the cultural heritage and improve their quality of life.
- Inculcate the values to appreciate the need for ethical standards in personal, social and public life, to become leaders, to be a voice to influence the society and the nation, and to uphold just social order.



Prof Tripathi with Prof Washington, HoD and Prof Michael Templeton of Imperial College London @ Imperial College London



Team of Faculty and Students Receiving Best Paper Award in IEEE Conference ICTP



Principal Assoc. Professor Durga Prasad Bhandari Presenting in UBICON 2025.

International Collaboration



Imperial College
London



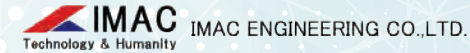
ISTE-nec Chapter



MICHIGAN STATE
UNIVERSITY



Universidad
Politécnica
de Cartagena



AISSMS
IOIT



BALL STATE
UNIVERSITY.

University of
South Australia

université de technologie
Troyes



International Linkages & Projects

nec has established institutional linkages for academic exchanges, with a number of universities, institutions and organizations in different parts of the world. Exchange of faculty and students, sharing of knowledge, experiences and publications and collaboration in teaching and research have been some of the continued activities initiated and supported under such linkages.



Co-funded by the Erasmus+ Programme of the European Union



Bhutan+Nepal Higher Education for accomplishing the Sustainable Development Goals (B+NeSDG)

The B+NeSDG (Bhutan and Nepal Education for Sustainable Development Goals) Project, co-funded by the Erasmus+ program, draws together institutions from Nepal, Bhutan and EU for a common purpose. Nepal Engineering College, along with Pokhara University, Kathmandu University, Far Western University, and Sagarmatha Engineering College, in collaboration with international counterparts such as Universidad Politécnica de Cartagena (Spain), Riga Technical University (Latvia), and Jigme Namgyel Engineering College (Bhutan), demonstrating the importance of international cooperation in advancing sustainability. Through lectures, workshops, and discussions, the transformative B+NeSDG Project Easter School nurtured new perspectives and fueled a commitment to sustainability. Milestones like capacity-building training at Riga Technical University and the Polytechnic University of Cartagena enrich the voyage. This initiative cultivates cognizant leaders to secure a greener and more inclusive future for Nepal and Bhutan.



Co-funded by the Erasmus+ Programme of the European Union



Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility (Student mobility Exchange program for studies)

Inter-institutional agreement 2022-2023 between Nepal Engineering College, Nepal and The Technical University of Cartagena (UPCT), Spain has been signed to cooperate for the exchange of students and/or staff in the context of the Erasmus+ programme. Both institutions commit to respect the quality requirements of the Erasmus Charter for Higher Education in all aspects of the organisation and

management of the mobility, in particular the recognition of the credits (or equivalent) awarded to students by the partner institution. The institutions also commit to sound and transparent management of funds allocated to them through Erasmus+. Under this program, twelve students of *nec* has already completed 6 months of studies in UPCT.

South Asia Water (SAWA) Leadership Program on Climate Change

SAWA Leadership Program on Climate Change (2017-2022) in continuation to earlier IDRC SAWA Fellowship Project for iWRM program, is being supported by International Development and Research Center (IDRC) Canada and executed by South Asia Consortium for Interdisciplinary Water Resources Studies (SaciWATERS) in four academic institutions of South Asian Countries including *nec*. The aim of the program is to increase the number of women occupying leadership roles in the water sector fostering an interdisciplinary approach linking climate change and water insecurity by awarding fellowships to 36 women enrolled in

masters level Integrated Water Resources Management (iWRM) program in Bangladesh, India, Nepal and Sri Lanka. Three female students for three academic sessions from each academic institution shall receive financial support to pursue course in Interdisciplinary Water Resources Management (iWRM). Currently, *nec* as one of the Partner Institutions (PIs) had successfully completed the 14 day workshop for the first batch of SAWA Fellows on “Leadership and Research Methods for Interdisciplinary Water Research”. The second and third workshops are scheduled to be held in India and Sri Lanka respectively.

Internationalization at *nec*



1st IEEE International Conference on ICT and Photonics (ICTP 2026)

Nepal Engineering College (nec), in collaboration with the Research and Innovation Center for Nepal (RICON), successfully hosted the 1st IEEE International Conference on ICT and Photonics (ICTP 2026) from 11–14 February 2026 in Kathmandu, Nepal. The conference marked a significant milestone in Nepal's academic and research landscape, bringing together researchers, academicians, industry leaders, policymakers, and students from more than twelve countries to exchange ideas and showcase advancements in Information and Communication Technology (ICT) and Photonics.



Professor Sabitri Tripathi, along with Assistant Professor Arun Satyal and Assistant Professor Prakash Bashyal, participated in the International Workshop on Building a Regional Platform for Assessing WASH Technologies for Market Readiness and Scalable Implementation in India and Nepal, held at Manipal University on December 2, 2025. The workshop brought together researchers, academics, and development practitioners to discuss innovative approaches for evaluating Water, Sanitation, and Hygiene (WASH) technologies, enhancing their market readiness, and promoting their large-scale implementation across the region. Their participation provided an opportunity to exchange knowledge, share experiences, and strengthen regional collaboration in advancing sustainable and impactful WASH solutions for communities in India and Nepal.

Assoc Prof Sankalp Pokhrel attended International Seminar jointly organized by Asian Civil Engineering Coordinating Council (ACECC) and Nepal Engineers' Association (NEA) on 23rd of April, 2026 as a Keynote speaker for the session: "Building Information Modelling and Digital Transformation in Nepal: Shaping the future of Engineering and Construction"



Ongoing Projects

Assessment of Current Status of Solid Waste Management in Kathmandu Valley and Development of GIS Based Fleet Management System for Efficient Waste Collection funded By University Grant Commission (UGC)

Due to the lack of an inefficient solid waste management system in the Kathmandu Valley, there are disparities in waste generation – collection rates, large amounts of waste remain uncollected and eventually end up in open fields and water bodies which are hazardous for the environment and public health. Besides socio-economic factors, poor operational scheduling and routing are significant issues in waste management, resulting in increased operating costs. The Department of Computer Science and Engineering is pursuing a University Grant Commission (UGC) funded research project under Faculty Research Grant scheme in developing an GIS Based Fleet Management System for efficient collection of waste. The research work is led by Asst. Prof. Ashish Kumar Jha.

IoT-Based Fully Automated Hydroponic System for Cultivating Leafy Vegetables

The research titled “IoT-Based Fully Automated Hydroponic System for Cultivating Leafy Vegetables,” led by Associate Professor Bijaya Shrestha (PI), Asst. Prof. Anil Kr. Yadav (CO-PI), and Ramesh Kr. Pudasaini (CO-PI), is being conducted by the Department of Electronics and Communication Engineering. Funded by the University Grant Commission (UGC) Nepal under award number FRG-78/79-Engg-03, this



project focuses on lettuce cultivation using a soil-less NFT hydroponic system. The research develops and implements an IoT-based nutrient

automation system that monitors and adjusts key parameters—temperature, Total Dissolved Solids (TDS), and pH—of the hydroponic nutrient solution. The feasibility of lettuce cultivation in this controlled setting is assessed in terms of productivity and electricity consumption. Four groups of final-year students have already contributed to this research by completing relevant projects.

Exploring the Efficacy of Augmented Reality in Enhancing Mathematical Learning for Autistic Children of Nepal funded by NAST

This NAST-funded research, led by Assoc. Prof. Sachin Shrestha (Principal Investigator) and Assoc. Prof. Amit Shah (Co-Investigator), aims to design and develop an inclusive Augmented Reality (AR) learning platform, enhanced with Machine Learning (ML) models, to teach fundamental mathematical concepts to children with Autism Spectrum Disorder (ASD) in Nepal. The project will integrate virtual and real-world elements to create immersive, interactive, and adaptive learning experiences tailored to the unique cognitive and sensory needs of autistic learners. By incorporating gesture recognition, voice interaction, and context-aware features, the system will promote active engagement while adhering to Universal Design for Learning (UDL) principles for accessibility. The outcomes are expected to advance inclusive education practices, contribute to national goals of equitable access to quality learning, and offer a scalable technological solution that benefits both special needs education and the broader academic community.



Evaluation of Electric Vehicle (EV) Battery Recycling Strategies, Their Challenges, and Potential Improvements in Nepal Funded by PURC

The research titled “Evaluation of Electric Vehicle (EV) Battery Recycling Strategies, Their Challenges, and Potential Improvements in Nepal,” led by Asst. Prof. Yam

Krishna Poudel (PI), Asst. Prof. Basanta Pancha (CO-PI), and Asst. Prof. Narayan Acharya (CO-PI), is being conducted by the Department of Electrical and Electronics Engineering. This research, funded by the Pokhara University Research Centre (PURC), aims to systematically evaluate existing EV battery recycling practices, identify key technical, economic, and regulatory challenges, and propose context-specific improvements suited to Nepal’s socio-economic and environmental conditions. The study will employ a mixed-method approach, including a review of global best practices, stakeholder consultations, and feasibility assessments of technological options. It will analyze the potential for integrating local recycling capabilities, promoting circular economy principles, and developing policy recommendations for safe, efficient, and economically viable recycling processes. By bridging current knowledge gaps and offering actionable strategies, the research seeks to support Nepal in establishing a robust EV battery recycling ecosystem that minimizes environmental risks, enhances resource recovery, and fosters sustainable growth in the EV sector.

Nurturing Independence: AR Based ICT Tool To Teach Practical Life Skill In Children With Autism of Nepal Funded by UGC Nepal

This UGC Nepal-funded study seeks to design, develop, and evaluate an Augmented Reality (AR)-based ICT tool aimed at enhancing practical life skills among children with autism in Nepal. Employing a quasi-experimental research design, the project will involve approximately five autistic children, in close collaboration with special educators and parents. The AR tool, developed using the Unity platform, will simulate real-life scenarios—such as road-crossing—on devices including tablets and mobile phones. Effectiveness will be evaluated through pre- and post-intervention assessments, supported by qualitative methods such as interviews, observations, and focus group discussions. Given the sensitive nature of research involving children, strict privacy and consent protocols will be followed. The study aims to generate actionable insights to foster independence and improve the quality of life for children with autism in the Nepalese context. The project is led by Asso. Prof. Sachin Shrestha and Asso. Prof. Amit Shah.

Completed National & International Projects



Co-funded by the
Erasmus+ Programme
of the European Union



Empowering Learning Through Problem-Based Learning (PBL): Fostering Critical Thinking, Collaboration, and Real-World Application

Problem-Based Learning (PBL) is an educational approach that centers on students actively engaging with real-world problems to develop solutions. In this student-centered method, learners take charge of their own learning by identifying, analyzing, and resolving complex issues relevant to their field of study.

Unlike traditional didactic approaches, PBL encourages a dynamic learning process where students collaborate in groups, drawing from various sources to address multifaceted problems. This approach cultivates critical thinking, teamwork, communication skills, and the ability to integrate knowledge from different disciplines. By emphasizing the practical application of theoretical concepts, PBL not only enhances understanding but also motivates students to learn. This pedagogical approach is instrumental in fostering lifelong learning habits, preparing students for a dynamic professional landscape, and nurturing a holistic understanding of the subject at hand.

Seasonal food plasticity of snow leopard in Lapchi Valley, GCA, Nepal funded By University Grant Commission (UGC)

Research on Seasonal food plasticity of snow leopard in Lapchi Valley, Gaurishankar, Conservation Area (GCA), Nepal is currently being conducted at *nec*-CPS under the direction of Dr. Narayan P. Koju, Program coordinator (NRM), with funding from the University Grants Commission's Faculty Research Grants for the year 2021-23.

Community-based camera trap monitoring of snow leopard and its associated species at Lapchi Valley, Gaurishankar, Conservation Area (GCA), Nepal

The project titled "Community-based camera trap monitoring of snow leopard and associated species in Lapchi Valley, GCA, Nepal" is funded by UNDP, GEF, Amity foundation, and Shanshui Conservation, Peking University. The duration of the grant is between June 2022 and February 2023. The research is supported by South-South exchange and practice grants.



Co-funded by the
Erasmus+ Programme
of the European Union



Nepal Engineering College is a member institute of InterNepInd consortium consisting of nine universities from Spain, Portugal, India, and Nepal. InterNepInd consortium works together to support the internationalization process of Higher Education Institutions in India and Nepal, promoting a comprehensive approach based on strategy design,

capacity building, development of structures, and networking. As a result, international opportunities will be created for different stakeholders: students, teachers, researchers, managers, and administrative staff. The project is co-funded by the Erasmus+ Programme of the European Union, KA2 2019 Capacity Building in Higher Education.

- **AI based Delivery Robot**
- **ICT Based Assistive Technology for Children with Autism of Nepal**
- **Promoting Sustainable Hydro-power Development in Nepal and India**
- **Peri-Urban Water Security Project (2010-2013)**
- **Energy Efficient Lighting Education in Nepal and Bhutan (ELNAB) – EU funded**
- **ICT Based Social Story Teaching Aid for Children with Autism of Nepal funded by PURC**
- **Design and Development of Mobile application for Early Detection and Identification of Oyster Mushroom Disease with Remedy Recommender**

Ongoing Projects on *nec* CPS

Regional cooperation for Freshwater Ecosystem Services in the Himalayas (REFRESH)

Nepal Engineering College collaborates with a multi-year, multi-nation and multi-disciplinary project Regional cooperation for Freshwater Ecosystem Services in the Himalayas (REFRESH): Understanding the influences of monsoon variability and compound extremes funded by APN (Asia Pacific Network) Japan. The project is led by IIT Roorkee and IIT Mandi, IIT Indore, NIH Roorkee, Acharya Narendra Dev University of Agriculture, Royal University of Bhutan and Nepal Engineering College as the collaborators of the project.

The project aims to (i) Map and characterize freshwater ecosystems and services in selected river basins in Himalayan regions (ii) Examine monsoon variability and its connections to freshwater ecosystem services (FES) in Himalayan (iii) Analyze the impacts of emerging concurrent and compound extremes on freshwater ecosystem services (FES) (iv) Review of existing policies in three countries (i.e., Bhutan, India, and Nepal) and provide novel insights into freshwater ecosystem sustainability.



“Gendering Water and Climate Science Research in South Asia”

The Regional Dissemination and Learning Workshop on “Gendering Water and Climate Science Research in South Asia” was successfully held from 3–5 February 2026 at Soaltee Hotel, Kathmandu. The workshop was organized under an IDRC-funded regional project in collaboration with Nepal Engineering College (*nec*), IWFM-BUET (Bangladesh), and the University of Peradeniya (Sri Lanka).

The event brought together representatives from academia, government agencies, NGOs, industry, international organizations, and students to share experiences and research findings on gender-responsive water and climate science. The workshop featured keynote addresses, technical presentations, institutional experience-sharing sessions, and regional discussions focused on strengthening gender inclusion in research, education, and practice across South Asia.



IEEE International Conference on ICT & Photonics (ICTP 2026)

Nepal Engineering College (*nec*), in collaboration with the Research & Innovation Center for Nepal (RICON), successfully organized the IEEE International Conference on ICT & Photonics (ICTP 2026) from February 11–14, 2026, at Hyatt Centric Kathmandu.

The conference brought together researchers, academicians, industry experts, and scholars from Nepal and abroad to share research findings and discuss recent advancements in ICT and Photonics. The event featured keynote sessions, technical paper presentations, expert talks, and discussions on emerging technologies and international research collaboration.



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Notable Events of the Recent Past

Memorandum of Understanding (MoU)



- **February 13, 2026:** Meeting between Nepal Engineering College and KAIST -GDI (Korea Advanced Institute of Science & Technology -Global Development Initiation) for the further collaboration between two institution took place. Principal Assoc. Prof. Durgaprasad Bhandari and HoD Electronics and Communication Engineering Assoc Prof Sachin Shrestha from *nec* and Prof. Dr. Seung Hun Han Director Office of International Development, KAIST GDI, Prof. Dr. Prayag Lal Yadav KAIST GDI, Prof. Dr. Bikas Nakarmi Professor Microwave Photonics Technology Nanjing University were present in the meeting. Both the institution will work together in different projects, exchange programs, research and collaboration.
- **May 5, 2026:** Nepal Engineering College (*nec*) has signed a Memorandum of Understanding (MoU) with Next AI to strengthen industry-academia collaboration in the field of Artificial Intelligence and emerging technologies. The partnership aims to provide students with internship opportunities, practical exposure, and skill development in AI-driven domains, thereby enhancing their readiness for industry requirements and innovation-led careers.



- **May 22, 2026:** Nepal Engineering College (*nec*) strengthened its international academic collaboration with Ehime University, Japan, through the renewal of institutional ties. The partnership focuses on joint research activities, student exchange programs, international conferences, collaborative publications, and the development of a Joint Master's Degree Program in Disaster Risk Management. As part of this collaboration, Prof. Dr. Netra Prakash Bhandari of Ehime University serves as an Academic Adviser to *nec*, further enhancing academic and research cooperation between the two institutions.



- **May 26, 2026:** A meeting was held Nepal Engineering College has signed a Memorandum of Understanding (MoU) with Autolab Technologies Pvt Ltd to conduct an Incubation Challenge Program focused on promoting innovation, entrepreneurship, and industry-academia collaboration among students. Through this collaboration, *nec* students will get opportunities to present innovative and scalable project ideas, while selected teams will receive funding support, mentorship, and internship opportunities from Autolab Technologies Pvt. Ltd. The partnership will also provide a 3-month internship program for students of Electronics and Computer Engineering, helping bridge the gap between academic learning and industry practice.





Students
Mobility
Programs

College
Bus and
Girls Hostel
Facilities

Peaceful
Learning
Environment

International
Institutional
Linkage

Permanent
Approval
from Nepal
Engineering
Council

D.A.O
Bhaktapur Reg.
NO. 552/2060

Self-Financed
Not-for-Profit
Social Academic
Institute

**Why
to
join
nec?**

Well Equipped
Laboratories
& Library

120+ Full time
Highly Qualified
Faculties

15000+
Students
Already
Enrolled at *nec*.

Regular
Interaction
with Parents
via Counselor

Strong Research
Environment

1,500+
Full-time Bachelor
Level Students and
200+ Master Level
Students Currently
Studying
at *nec*.

High
Number of
Scholarships

Nominal Fee
Structure

Information Communication and Technology (ICT) Center

The information and communication technology (ICT) center consists of the hardware and software infrastructure required for information and communication. These components include computer and network hardware, middleware for communication, and essential software. The ICT center manages the seven Windows and Linux-based Computer Laboratories, which allow students to experiment with preinstalled software and develop their own during and after class hours. Additionally, it includes CCNA course materials. It establishes links between various research institutes in Nepal and other nations.

Research Management Cell

In accordance with Pokhara University's guidelines, Nepal Engineering College has established a Research Management Cell (RMC) to promote, facilitate, and oversee research and innovation activities within the institution. The RMC works in coordination with the Pokhara University Research Center (PURC) to ensure that research endeavors align with academic standards, foster innovation, and contribute to the advancement of knowledge and technology. The current RMC is led by Dr. Thusita Chandani Shahi Professor as Chairperson, with Asst. Prof. Dr. Narayan Prasad Kaju serving as Member Secretary. Other members include Prof. Sabitri Kumari Tripathi, Assoc. Prof. Dibyashree Poudyal Lohani, Assoc. Prof. Raghunath Prajapati, Asst. Prof. Krishna Bikram Shah, Asst. Prof. Sweta Amatya and Asst. Prof. Yam Krishna Poudel

Co-curricular Activities

Games/Sports

The college encourages students to participate in sports, athletics and other co-curricular activities on *nec* holidays. Sports activities are strictly prohibited on college days. The facilities for outdoor sports include volleyball and basketball courts and a large football ground maintained within the college premises.

Site Visits and Study Tours

The college arranges required site visit or study tour of students to relevant industries, institutions and construction projects. Settlement study, directly complementing the learning of the students pursuing B.Architecture, is part of the curriculum. A survey camp of ten days is organized for the third year students of BE (Civil and Civil & Rural) and BE Civil for Diploma Holders. Two weeks educational exposure tour (NASA) to India is organized for the third year students of architecture. Similar visits are provided for BE Computer, Electronics, and Communication students, as well as Electrical and Electronics students. After such visits, students are asked to submit a report in prescribed format as a part of internal evaluation system.

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Library

nec library provides the ambience of learning for the students and faculty. There is collection of more than 35000 books and references on wide ranging subjects in engineering, technology, basic and applied sciences, social sciences, language and culture. The library has been essentially serving *nec* students and faculty and also professionals and researchers from outside. The computerized catalogue system allows easy retrieval of text books and other references.

By using DELNET resources and services, *nec* libraries is getting the following advantages:

- I. Access to selected international full-text journals in various fields, including the Arts, Science, Commerce, Education, Social Sciences, Management, Engineering & Technology, Dental and Medical Sciences, etc.
- II. Access to more than three crore catalogue records of books, journals, articles, etc. with the facility to borrow books (on Inter Library Loan) and get copies of journal articles through DELNET.
- III. DELNET has introduced Knowledge Gainer Portal which has more than 1.6 Crore full-text documents including e-books, e-articles & e-journals.

SWECAD: Student Welfare and Extra Curricular Activities Division

The SWECAD emphasizes nurturing of the “whole student” – socially responsible, emotionally matured, intellectually capable, and spiritually sound. This spirit has helped the students in their overall development, to make them ready to accept the challenges in their professional career. In order to achieve this, SWECAD organizes a number of creative, co-curricular and personality development activities. SWECAD monitors the progress of the students and extends needed emotional and moral support. SWECAD is headed by a senior faculty, who coordinates the activities on a regular basis. Parents are kept informed on a frequent basis about their children's progress in all activities, including academic performance, during each semester by respective class counselor assigned to each section.



Asst. Prof. Dola Raj Pandey
Chief, SWECAD

Allied Services

Students' Union

Students' Union (SU) has been constituted with the objective of promoting students' participation in academics and co-curricular activities. SU provides a forum for the students to interact with fellow students coming from different parts of the country with diverse social and cultural backgrounds and helps them manage their scholastic pursuit actively. SU also provides feedbacks to the college management on academic issues when needed.



Accommodation

On Campus Accommodation

nec runs a girls' hostel able to accommodate 70 students. The hostel provides the required amenities for simple and decent living. The Girls' hostel is supervised by a senior resident lady administrative staff. Fee details of girls' hostel is given in page 28.



Off Campus Accommodation

Students may opt for private accommodation available at Duwakot, Jhaukhel, Changunarayan and Mulpani which lie within one km radius of the college. Rents vary depending upon amenities available. More information on off-campus accommodation can be obtained from the college administration.

Cafeteria

nec is managing one cafeteria and two canteen which serve meals, snacks and beverages, catering to a variety of tastes and preferences at reasonable cost. In addition to the college cafeterias a number of entrepreneurs operate eateries close to the college premises that serve food, snacks and beverages to the students and staff.



A coffee shop, located within the premise of the academic block A, serves tea, coffee, soft-drinks and bakery to the college community. This has been a convenient place for someone looking for quick refreshment.



Health Care Scheme

All students at *nec* are insured for NRs. 1,00,000/- (One Lakh) to cover the expenses for major accidental injuries.

nec Alumni Association (*nec*-AA)

Nepal Engineering College Alumni Association (*nec*-AA) is a body of graduates from *nec*, established with the objective of maintaining continued linkage with the graduates by keeping track of their where about and professional engagements and growth.

Transportation Facility

A fleet of buses managed by the college provides transportation to the students, faculty and staff. The buses operate from designated locations along prescribed routes, covering major locations of student concentration in Kathmandu, Bhaktapur, Lalitpur, Kritipur and Kavre. Students are required to obtain a bus pass, upon payment of the prescribed fees to use the college buses for daily commuting.



nec Clinic

nec Clinic provides health care services to students and employees, including treatment of minor injuries and first aid treatment.



Student Clubs



Bishwash Kafle
President
Computer, 023 Batch



Institute of Electrical and Electronics Engineers (IEEE) Student Branch

A newly established academic and professional community of students passionate about advancing technology for the benefit of humanity. The branch offers opportunities to enhance technical skills, join workshops, seminars, and competitions, and connect with a global network of engineers and researchers, fostering innovation, leadership, and academic excellence.

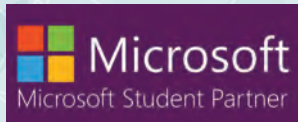


Aayush Kumar Mahato
Acting President
Electrical & Electronics, 024 Batch



Center for Applied Research and Rural Development (CARRD)

A research and development club comprising of students pursuing their studies in different areas of engineering and technology. CARRD is expected to create synergy for productive engagement of the students in the development and promotion of appropriate technology for rural development and similar scholarly activities supporting the academic discourse in the college.



Microsoft Student Partners (MSPs)

MSPs are the brightest and most innovative student developers and technology enthusiasts from Colleges/Universities around the world. The MSPs at *nec* provides niche of opportunities for the students and faculty to enhance their software skills.



Riwaj Phuyal Khatri
President
Architecture, 022 Batch



Academic Council of Architecture Students (ACAS)

ACAS is a social venture that aims to develop strong camaraderie amongst the architectural students studying at *nec*.



Utsav Gautam
President
Electronics & Communication, 022 Batch



Computer Technology & Robotics Club (CTRC)

CTRC is a group of students of *nec* which basically includes students from Electronics and Communication, Electrical and Electronics and Computer Science and Engineering having eager to have knowledge in computer, its application and robots.



Sushil Upadhayay
President
Computer, 022 Batch



nec IT Club

nec IT Club focuses on growth of skills and decision making capabilities regarding technology.



Bishal Subedi
President
Computer, 023 Batch



Center For Research in Applied Sciences and Technology

CRAST is club for new student to understand the research process and areas with new technology.

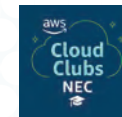


Sulav Timalisina
Campus Director
Computer, 022 Batch



Hult Prize at *nec*

The Hult Prize is an On-Campus program of the Hult Prize, an annual competition worldwide. It is a platform for university students to venture into their startups with mentorship and seed capital of a million dollars from the Hult Prize Foundation, US. In 2018, Team One Step from *nec* with their idea of Artificial Trees against Carbon Emission was the Regional Finalists in the Hult Prize at the Mumbai Regionals.



Prem Raj Singh
AWS *nec* Builder Group Captain
Computer, 023 Batch



Amazon Web Services (AWS) Cloud Club

The AWS Cloud Club at Nepal Engineering College is a student-led community dedicated to fostering cloud computing skills, innovation, and collaboration. Affiliated with Amazon Web Services (AWS), the club provides hands-on learning opportunities, workshops, and projects that empower students to explore cloud technologies, DevOps practices, AI/ML services, and scalable application development. Members gain access to AWS credits, mentorship, and global learning resources while working on real-world projects and competitions. By bridging classroom knowledge with industry-relevant skills, the AWS Cloud Club equips students to become future-ready cloud professionals and tech innovators.



Komal Adhikari
President
Computer, 022 Batch



Computer Engineering Student Society (CoESS)

Computer Engineering Student Society (CoESS), founded in 2024 at Nepal Engineering College the official body of Computer Engineering students. Supported by the Principal, HoD, and Student Welfare Division, it promotes academic excellence, technical skills, research, and innovation through workshops, hackathons, industry links, mentorship, and community outreach, fostering collaboration, leadership, and professional growth.

nec Activities



Programs Offered

at *nec* & *nec* -BDH
(Bachelor level)

Bachelor of Civil Engineering

Since : 1994

144 ANNUAL INTAKE
30+ FULL TIME FACULTY MEMBERS

Bachelor of Architecture

Since : 1996

48 ANNUAL INTAKE
18+ FULL TIME FACULTY MEMBERS

Bachelor of Computer Engineering

Since : 1999

96 ANNUAL INTAKE
17+ FULL TIME FACULTY MEMBERS

96 ANNUAL INTAKE
12+ FULL TIME FACULTY MEMBERS

Since : 1999

Bachelor of Information and Communication Engineering

48 ANNUAL INTAKE
11+ FACULTY MEMBERS

Since : 2000

Bachelor of Civil for Diploma Holders (*nec* - BDH)

48 ANNUAL INTAKE
5+ FULL TIME FACULTY MEMBERS

Since : 2006

Bachelor of Electrical and Electronics Engineering

48 ANNUAL INTAKE
7+ FULL TIME FACULTY MEMBERS

Since : 2008

Bachelor of Civil & Rural Engineering

Programs Offered
at *nec* CPS
(Master's level)
Since : 1999


8+
FULL TIME FACULTY MEMBERS

M. Sc. in Natural Resources Management (NRM)



30 ANNUAL INTAKE

M. Sc. in Transportation Engineering and Management (TEAM)



30 ANNUAL INTAKE

M. Sc. in Construction Management (CM)



30 BIANNUAL INTAKE

M. Sc. in Interdisciplinary Water Resource Management (iWRM)



30 ANNUAL INTAKE

- Proposed Postgraduate & Undergraduate Level Programs**
- BE IT
 - BE Software
 - M.Sc. in Computer Engineering
 - M.Sc. in Software Engineering
 - M.Sc. in Disaster Risk Management
 - M.Sc. in Hydropower Engineering
 - Doctoral Programs

Bachelor Level Programs

The following Bachelor level programs are currently underway at *nec*:

Bachelor of Civil Engineering

nec has been offering Bachelor program in Civil Engineering since 1994. The objective of the course is to produce qualified Civil engineers to deal with design, construction, operation and maintenance of physical infrastructure and services. The students opting for this course undergo theoretical and practical learning in the areas of material engineering, structural engineering, environmental engineering, transportation engineering, water resources engineering, geotechnical engineering and surveying, so that they systematically develop theoretical learning and analytical and hands-on skill to deal with, and cater wide ranging infrastructure development projects.



Faculty Members and Staff of Department of Civil Engineering and Civil & Rural Engineering

It's my great pleasure to share a few words on behalf of one of the students of Nepal Engineering College through the esteemed lines of *nec* Prospectus 2026. Throughout my academic journey of four years, I felt so fortunate to have been instructed, guided and mentored by highly qualified, supportive, encouraging and amicable teachers. Full time faculties of experts, *nec* clinic, well-equipped libraries and labs, well-furnished classrooms, numerous ECAs and CCAs, proper guidance and parenting provided by the teachers especially during field visits as well as much more supportive and inspiring classmates can hardly be forgotten during my journey of engineering being shaped by *nec*.

Being privileged as a *nec*ian, I would like to recommend *nec* as one of the most suitable institutions and destinations for those youngsters who dream of shaping their future as a successful engineers either at home or abroad. Thank you.



Prajna Sapkota
BE Civil (2021 Batch)



My experience at Nepal engineering college has been a meaningful and memorable part of my civil engineering journey. From the very beginning, the teachers were welcoming, approachable, helpful and supportive. Their guidance helped me and my friends from civil 1 consistently and encourage us to think practically and build confidence in our abilities.

Our college provides a friendly environment where we can easily interact with teachers and other faculties. One of the most valuable parts of the experience was the exposure through field visits and practical learning. The field trips with teachers and classmates created some of the best memories of college life. They helped us to connect theoretical concepts with real-world engineering practice while also giving us opportunities to bond, collaborate, and learn outside the classroom. The teachers remained engaged during these experiences, making them both educational and enjoyable.

Looking back from the beginning of my civil engineering journey to the end, I am grateful for the support, knowledge, experiences, and friendships built during my time at *nec*. It has been an important chapter of both academic and personal growth that I will always remember.

Sujata Bohara
BE Civil (2021 Batch)



My journey at Nepal Engineering College as an Architecture student has been one of the most meaningful chapters of my life. Joining *nec*, I was filled with dreams, curiosity, and a passion for design and the college provided the friendly environment to flourish them. The supportive faculty members, experienced professionals, and dedicated teachers encouraged us to think creatively, work diligently, and grow both academically and personally.

Beyond the classroom, the friendly and strong bond among classmates made every challenge easier and every achievement more memorable. The studio culture, site visits, workshops, educational tours and countless late night project works taught me lessons that extended far beyond architecture. *nec* not only strengthened my technical and design skills but also shaped my confidence, leadership, and problem-solving abilities. The friendships I built here became a source of inspiration and support throughout my academic journey. Looking back, I am grateful for the knowledge, guidance, and opportunities *nec* has provided for me. It has played an important role in shaping the architect and person I am today, and I will always cherish the memories and experiences gained during my years at *nec*.

Ar. Sujata Rayamajhi
B. Architecture (2019 Batch)



The 5-year journey at Nepal Engineering College as an architecture student has been the pioneer point of growth, learning, and self-discovery. *nec* has provided me with an environment and resources where my critical thinking, creativity, and technical knowledge came together to shape my understanding of architecture. Through various design studios, site visits, workshops, and

projects and guidance as well as encouragement from one of the best faculty members, I have developed not only my architecture skills but also my confidence as an architect, and I've learned to translate ideas into meaningful spaces while considering the social, cultural, and environmental contexts of design. With only the immense support, help, knowledge, and guidance of the mentors, teachers, and various departments, I am able to work today as a professional architect. Beyond academics, the friendships, teamwork, and experiences I gained at *nec* have made my college life truly memorable. I am grateful to *nec* for nurturing my passion for architecture and preparing me to contribute positively to society as a professional architect.

Ar. Shreya Poudel
B. Architecture (2019 Batch)

Bachelor of Civil and Rural Engineering

In Nepal, significant development challenges persist in rural areas due to rural poverty and a low quality of life. Technology, infrastructure, and services are closely interconnected, and together they have a positive impact on the rural economy and quality of life. This has led to a demand for technical professionals who can apply engineering and technology knowledge to rural development. To meet this need, Nepal Engineering college, *nec* initially launched a Bachelor program in Civil and Rural Engineering in 2008 as a 4.5 year course, a pioneering initiative in the country and region which focused on addressing the unique challenges of rural areas by producing experts who can design infrastructure and systems specifically tailored to these environments, such as agricultural structures, irrigation systems, rural roads, and sustainable development projects, thereby improving the quality of life and economic stability in rural communities as well as overlapping with the field of conventional civil engineering. In 2018, the program was restructured to be completed in 4 years, making it more accessible and aligning it with international educational standards. This modification maintained the program's comprehensive approach to rural development while optimizing the duration of study to better meet students' needs and career timelines.

Bachelor of Architecture



Faculty Members and Staff of Department of Architecture

The Bachelor program in Architecture, leading to B. Arch. (Bachelor of Architecture) degree is a five years course that aims to provide systematic knowledge and skills in planning, design and conservation of buildings and other built forms with concerns for aesthetics, comfort, durability, social responsiveness and integration with natural and man-made landscapes. The area of instruction covers a spectrum of courses relating to architectural design and planning, structural design, landscape management, interior design, building construction and conservation of urban spaces and built forms. The program has been designed to meet international standards in Architecture education, preparing the students to become competent professionals for work in Nepal and abroad.

Department of Applied Science and Humanities



Faculty Members and Staff of Department of Applied Science and Humanities

The Applied Science and Humanities Department at Nepal Engineering College provides a strong foundation in mathematics, physics, chemistry, and communication English to support all engineering disciplines. It emphasizes practical learning and critical thinking to prepare students for both academic excellence and professional success.

Bachelor of Computer Engineering

Microelectronics and computer science are advancing at a tremendous speed, necessitating the development of specialist workforce capable of fusing these two cutting-edge technologies. This synthesis of knowledge and technology has resulted in the emergence of a highly specialized professional sector known as Computer Engineering. Computer engineers have a diverse range of job opportunities in business, industry, manufacturing, service sectors, and information technology.

Recognizing the growing demand for Computer Engineers within the country and the rapidly expanding work opportunities outside, *nec* began offering a Bachelor of Science in Computer Engineering in the academic year 1999. The program is unusual in that it combines broad programming and electronics knowledge with specialized skills in software and hardware design and interface.



Bachelor of Civil Engineering for Diploma Holders (*nec*-BDH)

Bachelor course in Civil Engineering for Diploma Holders is designed to train competent graduates in Civil Engineering who join the course after the completion of diploma level education in Civil Engineering or Architecture. The students joining the course undergo systematic theoretical and practical learning in basic sciences, material engineering, structural engineering, water resources engineering, geotechnical engineering and transportation engineering. This provides the students opportunity to develop knowledge and skills to take up an array of infrastructure development tasks where civil engineers have an important role to play. Upon successful completion of the course, the students are awarded Bachelor of Engineering degree in Civil Engineering by Pokhara University. *nec* started offering this program from 2000 AD; currently it is located at *nec*-BDH, Lalitpur.



Faculty Members and Staff of *nec*-BDH Program

I started my journey at Nepal Engineering College with big dreams, unsure of what might come ahead. To my excitement, I found an environment to grow with practical learning and limitless opportunities.



Beyond classrooms, I discovered growth in teamwork, hands-on projects, and confidence in every opportunity I embraced. The guidance of dedicated faculties, made me achieve the best grades and push me beyond my limits. With the blink of an eye, four years just went by, and I have successfully become an engineer, ready to face today's engineering challenges, and without *nec* this was not possible.

Nepal Engineering College didn't just prepare me for a professional career—it prepared me for life, giving me the courage to dream bigger, aim higher, and become the best version. I will cherish the moment spent at *nec* for a lifetime.

Aruna Thapa
BE Computer Engineering (2021 Batch)



When I first walked through the gates of Nepal Engineering College, I was a student with a dream and very little idea of how to get there. Four years later, I walked out as a Computer Engineer, and more importantly, as someone who had learned how to think, how to build, and how to keep going when a problem refused to be solved.

What makes *nec* different is not just the labs or the lectures. It is the people. The faculty here did not simply teach me theory; they taught me how to break a hard problem into smaller pieces and work through it methodically. My classmates became my project partners, my collaborators, and my friends for life. Together we failed, learned, rebuilt, and grew, and every one of those moments shaped the engineer I am today.

If you are wondering whether this is the right place for you, let me share what I wish someone had told me: you will get exactly as much as you are willing to put in, and this college will meet you halfway every time. The opportunities are here. The mentors are here. The community is here. What you bring is your curiosity and your willingness to work.

Choosing Nepal Engineering College was the decision that built my career. I hope you give yourself the same chance.

Nabin khadka
BE Computer Engineering (2021 Batch)



Education, to me, has always been more than just pursuing academic knowledge; it's something that shapes someone's perspective, character & ambition. When I initially thought of joining Nepal Engineering College, I had very little awareness regarding the academic environment it would provide. However, as my journey progressed, I was genuinely surprised by the exceptional teaching quality and the organized management system. The dedication and professionalism demonstrated by the teachers created an atmosphere that was highly disciplined & encouraging.

Especially in BDH, being able to work full time and still having an exposure to this kind of education is genuinely an opportunity noone would want to let go of. Studying here has not only contributed to my academic development but also my personal growth. It is teaching me the value of perseverance and continuous learning, broadening my outlook and striving me towards being a purposeful individual.

Dipika Lamighate
BE Civil For Diploma Holders (2025 Batch)



My journey at Nepal Engineering College has been far more than earning an engineering degree; it has been a process of discovering discipline, purpose, and confidence in my own abilities. The culture at *nec* constantly encouraged me to think beyond textbooks, challenge limitations, and pursue meaningful growth both academically and personally.

What makes this institution special is not only its academic foundation, but the way faculty members and mentors genuinely invest in students' potential. Their guidance, encouragement, and practical approach to learning helped me develop a deeper interest in research, innovation, and problem-solving. The experiences, challenges, and opportunities I found at *nec* have shaped my perspective as an engineer and prepared me to take on greater ambitions in the future.

Bipul Adhikari

BE Electronics and Communication (2021 Batch)



Deciding to pursue my degree at Nepal Engineering college has been one of the most advantageous choices of my life. The college offers an excellent academic environment that effectively combines theoretical learning with practical, real-world experience. I am especially grateful to our respected HoD Assoc. Prof. Sachin Shrestha, for an unwavering guidance, mentorship and encouragement motivation to push beyond my comfort zone and aim for greater achievement. The encouraging teachers, practical projects and progressive

learning atmosphere enhanced my technical skills and facilitated academic growth. Beyond academics, the campus life also played an important role in building my confidence, communication and leadership abilities. I graduate with pride and gratitude, feeling well-prepared to begin my professional journey as an ECE engineer.

Binod Shrestha

BE Electronics and Communication (2021 Batch)



My journey at Nepal Engineering College as an Electrical and Electronics Engineering student has been truly transformative, enabling me to develop strong technical knowledge and practical competence in core areas such as power systems, machine design, switchgear, and renewable energy systems. The college's peaceful and inspiring learning environment fostered academic excellence, personal growth, and meaningful collaboration. Supportive teachers, dedicated faculty

members, well-equipped laboratories, and hands-on practical sessions helped me bridge theoretical concepts with real-world engineering applications while strengthening my analytical and problem-solving abilities. Through non-credit courses, the college effectively connected academic learning with industry requirements, enhancing practical, professional, and market-oriented skills. Beyond academics, my active involvement in student clubs and leadership roles enabled me to cultivate teamwork, communication, leadership, and organizational abilities. Furthermore, the continuous guidance and mentorship provided by teachers played a significant role in shaping both my professional development and personal growth.

Arjun Mandal

BE Electrical and Electronics (2021 Batch)

Bachelor of Information and Communication Engineering

Recognizing the growing significance of Electronics, Communication, and Information Technology in today's rapidly evolving world, Nepal Engineering College (*nec*) has introduced a forward-looking program entitled "Bachelor in Information and Communication Engineering". This innovative program is a blended course that integrates the core principles of Electronics and Communication Engineering with the dynamic field of Information Technology. It is uniquely designed to offer students the best of both worlds—opening career pathways in both the Communication Engineering and IT sectors. With a curriculum that bridges hardware and software, the program empowers students with a comprehensive skill set that spans electronic system design, communication technologies, programming, networking, machine learning, Internet of Things (IoT), and data systems. The goal is to produce well-rounded engineers capable of thriving in diverse industries—from telecommunications and embedded systems to software development and data-driven innovation. This interdisciplinary approach ensures that graduates are not only technically proficient but also adaptable to the ever-changing demands of the modern digital landscape.



Faculty Members and Staff of Department of Electronics and Communication Engineering

Bachelor of Electrical and Electronics Engineering



Faculty Members and Staff of Department of Electrical and Electronics Engineering

Electrical and Electronics Engineering (EEE) at Nepal Engineering College (*nec*) empowers students to shape the future through innovation, sustainability, and technology. In an era defined by automation, artificial intelligence, IoT, robotics, and smart systems, EEE graduates are at the forefront of transforming industries, infrastructure, and energy networks. In Nepal, rapid industrial growth, clean energy adoption, and electric mobility have created strong demand for engineers skilled in power generation, grid integration, energy storage, EV infrastructure, and SCADA-based control systems. Electronics, automation, and embedded technologies drive modern manufacturing, predictive maintenance, and real-time monitoring, making interdisciplinary expertise essential. Since its inception in 2006, *nec*'s EEE program has combined advanced technical training with practical, industry-focused learning. Graduates are prepared to lead in smart grid deployment, renewable energy, automation, and digital power solutions—helping build a smarter, greener, and more connected Nepal and contributing to global technological progress.

Master Programs

nec entered a phase of vertical academic growth in engineering and allied sciences with the initiation of postgraduate programs beginning from 1999. The postgraduate programs are tailored to meet the demand of specialized manpower in different sectors of development.

nec-Center for Postgraduate Studies (*nec*-CPS)

All the postgraduate courses are organized at the Center for Postgraduate Studies (*nec*-CPS) located at Lagankhel, Lalitpur.

The formation of *nec*-Center for Postgraduate Studies (*nec*-CPS) in 1999 was a significant milestone and commitment of *nec* towards vertical growth of its educational agenda. Four postgraduate courses leading to M.Sc. (Master of Science) degree in Construction Management (CM), Interdisciplinary Water Resource Management (iWRM), Natural Resources Management (NRM), and Transportation Engineering and Management (TEAM) are offered at present.

M. Sc. in Construction Management (CM)

Construction is an essential activity for the continued development of a nation. Rapid growth in construction, engagement of specialized human resources and rapid changes in the physical infrastructure development and technology have all transformed this sector into an industry that demands highly specialized manpower to organize and manage the construction works. M.Sc. program in Construction Management intends to produce managers capable of using state of art, knowledge and skills in organizing and managing the construction works by enhancing technical and professional skills.

M. Sc. in Natural Resources Management (NRM)

The program focuses on the importance of sustainable management of natural resources and also emphasizes on the connection and the ability to communicate between different disciplines and actors. This is designed for those who wish to develop their career in the areas of conservation and management of natural resources. Upon completion of the program the graduates qualify for wide ranging administrative and technical positions with the government agencies and non-governmental organization engaged in forest management, watershed management, water resource management, urban and rural planning. It aims to produce graduates with adequate



Faculty Members and Staff of *nec*-CPS

knowledge and skills to be competent natural resources managers, executives or entrepreneurs capable of becoming change agents in the corporate and social field.

M.Sc. in Interdisciplinary Water Resource Management (iWRM)

Water related issues continue to remain at the center of development debate around the world. Water issues are intricately linked to livelihood and well being of people, and have even much broader and often far reaching social, political and economic implications. The governments, planning and development agencies, researchers and academicians are now adequately convinced that solution of water related issues in development, and its use and management require multifaceted approach. This course is designed to address the issues in water resources management through education, research and knowledge dissemination following interdisciplinary approach. It aims at producing professionals with interdisciplinary knowledge and skills and capacity to respond to emerging challenges in water resources management.

As a fresh graduate of M.Sc. in Construction Management at Nepal Engineering College (*nec*-CPS), I sincerely reflect on this academic journey with gratitude and pride. The program offered a meaningful blend of advanced theoretical knowledge and practical application, strengthening my understanding of project planning, construction management, resource optimization, contract administration, and leadership in the construction sector. Along with that the supportive faculty, engaging academic environment, and collaboration with talented peers made every challenge a valuable learning opportunity. I have strengthened my confidence and prepared me to take on challenges in the construction industry. This journey has been an important step toward building a meaningful and successful professional career. I am truly thankful to have been part of an institution that nurtures knowledge, professionalism, and future leaders in the construction industry.



Sona Sukubhatu
M. Sc. in Construction Management (2024 Batch)

As a Master's alumnus of Nepal Engineering College, my journey at the institution was both academically enriching and professionally rewarding. Having already been actively engaged in the consulting engineering sector and youth leadership initiatives prior to joining *nec*, the college provided me with the technical and academic uplift that complemented my practical experience and broadened my overall perspective as a professional.



nec offered an environment where academic learning could meaningfully connect with industry practice.

Through research, technical discussions, collaborative learning, and guidance from experienced faculty members, I was able to strengthen my analytical thinking, deepen my technical understanding, and further refine my professional approach toward transportation engineering and infrastructure development. The institution did not shape my leadership journey from the beginning, but it certainly enhanced my abilities, confidence, and capacity to contribute more effectively in professional and international platforms.

Alongside academics, *nec* encouraged a culture of engagement, innovation, and professional responsibility. During this period, I continued contributing to youth leadership and professional advocacy initiatives, serving as the Founding Chairperson of SCAEF Future Leaders Nepal and Vice Chairman of the Future Leaders Executive Council of FIDIC Asia Pacific, representing and collaborating with professionals across 28 countries. The academic exposure and learning environment at *nec* added valuable depth to these experiences and helped me approach leadership and engineering challenges with greater perspective and responsibility.

To me, *nec* is more than an academic institution; it is a place that supports continuous growth, encourages meaningful dialogue between academia and industry, and empowers professionals to contribute positively to society. I remain grateful for the knowledge, mentorship, and academic environment that became an important part of my personal and professional journey.

Aditya Khanal
TEAM (2024 Batch)



My experience at Nepal Engineering College–Center for Postgraduate Studies (*nec*-CPS) has been very positive and meaningful. The flexible evening class schedule was especially helpful in allowing me to balance my professional responsibilities while successfully completing my degree in Transportation Engineering and Management. Moreover, the well-structured curriculum and elective subjects greatly assisted in enhancing the knowledge and skills required for my professional career in Transportation Engineering. The faculty

members were supportive and approachable throughout the program. Their teaching style made theoretical concepts easier to understand through practical applications. At the same time, their continuous guidance, valuable feedback and encouragement played an important role in improving my research capability, analytical thinking, and academic writing skills.

Presentations and interactive discussions throughout the program also helped me improve my communication skills, confidence and ability to present ideas effectively in academic and professional settings. Overall, *nec*-CPS provided me with valuable academic and professional experiences that will continue to benefit me in my future career.

Sumit Shiwakoti
TEAM (2024 Batch)



Joining the Master's program in Integrated Water Resources Management (iWRM) at *nec*-CPS was far more than earning an academic degree; it was a transformative journey of learning, personal growth, and self-discovery. The program profoundly changed the way I perceive water, the environment, society, and sustainable development, while broadening my understanding of integrated and sustainable approaches to water resources management. Through this program, I realized that effective water management is not limited to

engineering solutions alone, but also requires interdisciplinary collaboration, policy understanding, stakeholder participation, and long-term sustainability planning. This experience helped me understand the true importance of iWRM in ensuring sustainable, equitable, and resilient management of water resources for present and future generations.

The iWRM program significantly strengthened my research capability, critical thinking, field-based understanding, and analytical skills through interactive classes, practical exposure, case studies, and collaborative learning. It has encouraged me to think beyond conventional approaches and develop solutions that are environmentally responsible, socially inclusive, and economically viable.

nec-CPS provided a highly supportive and intellectually stimulating academic environment that fostered innovation, professionalism, teamwork, and continuous learning. The guidance and encouragement from experienced faculty members, along with exposure to diverse perspectives have greatly contributed to my personal and professional growth.

I sincerely believe that this program has not only enhanced my academic foundation but has also shaped my vision and responsibility as a future professional committed to sustainable water resources management and resilient development. I am truly grateful to *nec*-CPS and the iWRM program for this invaluable learning journey and for preparing me to contribute meaningfully to the water and environmental sector in Nepal and beyond.

This journey will always remain one of the most significant and cherished chapters of my life.

Askla Rijal
iWRM (2024 Batch)

M. Sc. in Transportation Engineering And Management (TEAM)

The concept of global village was realized mainly due to efficient transport facilities. Natural endowment of resources and competitive advantage of locations prompt increased volume of transport both of people and goods. Each nation, including Nepal, is investing heavily to connect inaccessible areas to the national transport networks. Yet, everyday movement in urban centers is hampered by congestion, insufficiency of public transport facilities, traffic accidents, and other conditions. Rural transport facilities remain inadequate and fragile. Thus, the issue of transportation continues to be crucial. The TEAM program aims to expose students to resolve all transport related problems, in the rural and urban areas. The coursework and research activities equip students with an advanced competence in designing transport facilities and their operation, maintenance and management.

Academic Entry Requirements

Bachelor's degree having a minimum of 15 years of education with minimum second division (or equivalent) is necessary to apply for the courses. Bachelor degree holders in selected field of engineering for CM; civil engineering for TEAM; engineering, basic/applied/ natural sciences for iWRM and NRM are eligible to apply.

The duration of all M.Sc. programs is two years spread over four semesters, including fourth semester for the thesis writing. Of the total academic credit, the course work involves 45 credits and 15 credit hours are dedicated for an independent research on field based problems. All the courses have to be completed within 4 years, and additional one year can be given to thesis work.

Postgraduate Fee Structure

Fee Items	CM	IWRM	NRM	TEAM
Admission Fee	45,000.00	40,700.00	40,700.00	40,700.00
Semester Fee	454,000.00	352,000.00	316,300.00	380,000.00
Security Deposit (Refundable)	10,000.00	10,000.00	10,000.00	10,000.00
Student Welfare Council	2,500.00	2,500.00	2,500.00	2,500.00
Total	511,500.00	405,200.00	369,500.00	433,200.00
	CM	IWRM	NRM	TEAM
Fee Payable at the Time of Admission	195,000.00	180,000.00	180,000.00	185,000.00
	Installment	IWRM	NRM	TEAM
1st Installment	195,000.00	180,000.00	180,000.00	185,000.00
2nd Installment	130,000.00	90,000.00	75,000.00	96,000.00
3rd Installment	130,000.00	90,000.00	75,000.00	96,000.00
4th Installment	56,500.00	45,200.00	39,500.00	56,500.00
Total	511,500.00	405,200.00	369,500.00	433,500.00

The above fee does not cover any expenses/allowances for the field/study tour (except transportation) & university charges.



**Academic
Information**

Academic Information Adapted from the Pokhara University

Semester System & Course Registration

Semester system is followed in the instruction and evaluation of all the Bachelor and Masters level programs underway at *nec*. One semester normally spans over sixteen weeks. The Bachelor level programs generally extends over 8 semesters and B. Architecture which extends up to 10 semesters, while Masters' level courses can be completed in a minimum of 4 semesters. The students are required to register the courses at the beginning of the semester. The academic records are maintained based on the number of courses registered by the student in each semester.

Evaluation System

The Credit System

Each subject carries an academic credit based on instructional needs in theory, practical and tutorial classes. One credit normally means one hour of teaching in theory classes per week.

Student Evaluation

At the Bachelor level, the academic performance of the student is evaluated based on Continuous Internal Assessment (CIA) and End of Semester Examination conducted by Pokhara University. The scores in the internal evaluation (50%) and semester examination (50%) are added up to determine the total score obtained by the student in each subject which is then translated into letter grade. To pass a subject, a student must obtain a minimum of 45% marks in the internal and End of Semester examinations, separately.

In the Masters' level, the scores in the internal evaluation (60%) and semester examination (40%) are added up to determine the total score obtained by the student in each subject which is then translated into letter grade. To pass a subject at the Masters' level a student must obtain 60% marks in Internal Evaluation and Semester Examinations, separately.

Grading System

The grade awarded to a student in a subject is based on the students' aggregated performance in the internal and end of semester examinations. Pokhara University follows relative grading based on 4.0-point scale, as stated hereunder:

In some cases a student is awarded a grade I (incomplete) when

For Bachelor Level Programs:

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	Satisfying minimum requirements for credits
F	0	Failing

For Masters' Level Programs:

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	Satisfying minimum requirements
F	0	Failing

he/she fails to complete assignments or project work on time. This may be converted to the relevant grades upon completion of the needed requirements in the following semester. The failure to do so would automatically lead to awarding F (Fail) grade.

Attendance Requirements

The students are expected to attend all lectures, tutorials and practical classes. A minimum of 80% attendance of the student in all the lecture, tutorial and practical classes is the scholastic requirement in each subject. Failure to achieve required attendance in any of the subject may result in non-qualification to take the semester examination in that particular subject.

The aim behind establishment of *nec* is to produce technically competent engineering graduates ready to contribute in accelerated social and economic growth of the country.



Scholarship Scheme, Grants & Awards for Undergraduate Programs

1. *nec* - Entrance Test-Based Scholarships

i) *nec* Entrance Topper Scholarship

- **Eligibility:** Overall topper of the first *nec* entrance test.
- **Coverage:** 100% scholarship (excluding Pokhara University/Engineering Council charges).

ii) Special Scholarship Packages for 2026 (Provided on the occasion of 32 years of *nec* establishment)

➤ Scheme I:

- ◆ B. Architecture – 8 scholarship quotas,
- ◆ B. Computer Engineering – 16 scholarship quotas,
- ◆ B. Civil Engineering – 24 scholarship quotas,
- ◆ B. Civil & Rural Engineering – 8 scholarship quotas,
- ◆ B. Information & Communication Engineering – 8 scholarship quotas,
- ◆ B. Electrical & Electronics Engineering – 8 scholarship quotas,
- ◆ B. Civil Engineering for Diploma Holders – 8 scholarship quotas.

➤ Scheme II:

- ◆ B. Architecture – for remaining seats,
- ◆ B. Computer Engineering – for remaining seats,
- ◆ B. Civil Engineering – for remaining seats,
- ◆ B. Civil & Rural Engineering – for remaining seats,
- ◆ B. Information & Communication Engineering – for remaining seats,
- ◆ B. Electrical & Electronics Engineering – for remaining seats,
- ◆ B. Civil Engineering for Diploma Holders – for remaining seats.

2. Community Scheme

• Seats Allotted: 22 scholarships

- ◆ B. Architecture – 2 scholarship quotas,
- ◆ B. Computer Engineering – 4 scholarship quotas,
- ◆ B. Civil Engineering – 8 scholarship quotas,
- ◆ B. Civil & Rural Engineering – 2 scholarship quotas,
- ◆ B. Information & Communication Engineering – 2 scholarship quotas,
- ◆ B. Electrical & Electronics Engineering – 2 scholarship quotas,
- ◆ B. Civil Engineering for Diploma Holders – 2 scholarship quotas.

• Eligibility:

- Must appear in a **separate Province Scholarship Entrance Test** (as per *nec* rules).
- Must have passed +2 / Equivalent from **governmental / social academic institution. Students receiving full scholarship for +2 are also eligible.**
- Priority will be given to the students who have studied from 6 – 10 grades in governmental schools (as per PU rules).
- **Recommendation** letter from the college/school and local government office.
- Selection based on rank in the **Province Scholarship** entrance test.

3. Province Scholarships

• Seats Allotted: 7 scholarships (one for each province).

• Eligibility:

- Must appear in a **separate Province Scholarship Entrance Test** (as per *nec* rules).
- Priority will be given to the students who have studied from 6 – 10 grades in governmental schools (as per PU rules) and subsequently students who have studied up to +2 / equivalent will be given priority (as per *nec* rules).
- ◆ Priority will be given to students who have studied in governmental schools from grades 6 to 10 (as per Pokhara University rules).

- ◆ Students who have studied in governmental or social academic institutions in any combination of grades 6–10 and/or 11–12 are also eligible but receive lower priority (as per *nec* rules). Students receiving full scholarship for +2 are also eligible.
- ◆ If no eligible students from governmental or social institutions appear for the entrance test from a province, then students from private institutions are also considered for the scholarship (as per *nec* rules).

➤ **Recommendation** letter from the college/school and local government office.

- Selection based on **highest scores** from each province.

• Program Allocation:

- The Top scorer among all provincial candidates gets first choice of program.
- Others choose remaining programs based on rank and availability.

• **Coverage:** Full scholarship. ^(Refer b, d)

4. Pokhara University Scholarships (PU Scholarships)

• Seats Allotted: 10% of total students in each program.

- B. Architecture – 5 seats,
- B. Computer Engineering – 10 seats,
- B. Civil Engineering – 14 seats,
- B. Civil & Rural Engineering – 5 seats,
- B. Information & Communication Engineering – 5 seats,
- B. Electrical & Electronics Engineering – 5 seats,
- B. Civil Engineering for Diploma Holders – 5 seats,
- For Master's Level 3 seats in for each program.

• Eligibility:

- Must appear in **Pokhara University's Scholarship Entrance Examination** conducted by the University.
- Only **selected candidates** with an **official recommendation letter** from **Pokhara University** are eligible.

• **Coverage:** Full scholarship (as per PU rules). ^(Refer a)

5. Local Community & Neighborhood Scholarships

i) For Changunarayan Municipality – Ward No. 1, 2, 3, and 4

- **Seats per Ward:** 1 full (100%) + 2 partial (50% tuition fee) scholarships.

• Requirements:

- **Recommendation letter** from the respective Ward Office.
- Selection based on **rank in the *nec* Entrance Test.**

ii) For Kageshwori Manohara Municipality – Ward No. 6 & 7 (Earlier Mulpani VDC)

- **Seats (Combined):** 1 full (100%) + 2 partial (50% tuition fee).

• Requirements:

- **Recommendation letter** from the respective Ward Office.
- **Top 3 scorers** in *nec* entrance test among applicants from these wards:

• **Coverage:** ^(Refer b, d)

- 1st Rank: 100% scholarship.
- 2nd & 3rd Rank: 50% scholarship each (tuition fee only).

6. Founder Member & CSR Scholarships

i) Founder Member Recommendation

- **Seats:** 2 full (100%) scholarships.
- **Eligibility:** Must be officially recommended by any **Founder Member of *nec*.**

ii) Changunarayan Municipality Recommendation

- **Seats:** 5 full (100%) scholarships.
- **Eligibility:** Recommendation by **Changunarayan Municipality.**
- **Selection:** Based on ***nec* entrance test performance.**

7. Scholarships for Offspring's of *nec* Faculty/Staff

- **Eligibility:** Children of *nec* staff or faculty who have served the college for minimum 5 years as a permanent faculty or staff.
- **Coverage:** ^(Refer b, g)
 - 1 offspring each: 100% scholarship (for faculty and staff).
 - Additional offsprings: 75% scholarship (for rest faculties and staff).
- **Conditions:**
 - Selection based on ***nec* entrance test performance.**
 - Must apply after **official notice** from the college.
 - Subject to **college rules and regulations.**

8. Merit Scholarships (Semester-Based)

- **Eligibility:** Topper in each semester (1 topper per 48 students, per program).
- **Coverage:** Full waiver of tuition fees (excluding university fees). ^(Refer f)

General Notes & Instructions

1. All applicants must participate and pass in the *nec* entrance test.
2. Recommendation letters (where required) must be submitted to the College Administration Office at the time of application.
3. Scholarships exclude Pokhara University charges, Security deposit and Survey Camp charges (for Civil, Civil & Rural and Civil for Diploma Holders program) unless otherwise mentioned.
4. Selection and continuation of scholarships are subject to academic performance and compliance with college rules.
5. **Recipient of one scholarship is not eligible to claim any other scholarship.**

Consolidated Notes

- a. Selection and allocation strictly follow PU guidelines.
- b. As per *nec* rules.
- c. As per Pokhara University rules.
- d. Pokhara University/Engineering Council charges will be applicable.
- e. For eligibility and detailed information, please refer Fee Structure – 2025.
- f. The topper of each semester receives the scholarship in the next semester; no scholarship is awarded for the final semester.
- g. For detailed information, please contact the account section.

Other Scholarships

Other scholarships instituted by donors, awarded to deserving students are:

- Shree Aashis Smriti scholarship instituted by Aashis Smriti Foundation: Rs. 2,500/- in tuition fee awarded to one deserving student in Civil Engineering.
- Shree P. K. Mainalee scholarship instituted by Ar. Padma Kumar Mainalee, an alumni of *nec*: Rs. 500/- per month to one deserving student in Architecture.
- Shree WAMDEO scholarship instituted by Prof. S. V. Sahashrabudhe from Pune, India: Rs. 1,800/- per year to one deserving student in Architecture.

Awards

- Chairman's Pride Gold Medal is awarded to one deserving student determined to be the overall undergraduate topper of the college.
- Subject awards are given to highest scoring students. The award consists of a certificate and a cash reward
- Program topper awards will be awarded to one topper student in each undergraduate program.

Fee Structure-2026

SN	Program	Standard Fee/ Existing Fee (NRs) *	Community Scheme (NRs) *	Scheme I (NRs) *	Scheme II (NRs) *
1	B. Architecture (5 Year Course)	1,144,500.00	6,29,475/- (02 Seats)	7,43,925/- (08 Seats)	8,01,150/-
2	BE Civil (4 Year Course)	941,500.00	5,17,825/- (06 Seats)	6,11,975/- (24 Seats)	6,59,050/-
3	BE Computer (4 Year Course)	941,500.00	5,64,400/- (04 Seats)	6,58,550/- (16 Seats)	7,05,625/-
4	BE Civil & Rural (4 Year Course)	941,500.00	4,23,675/- (02 Seats)	4,70,750/- (08 Seats)	4,98,995/-
5	BE Electrical & Electronics (4 Year Course)	941,500.00	4,23,675/- (02 Seats)	4,70,750/- (08 Seats)	5,17,825/-
6	BE Information & Communication (4 Year Course)	941,500.00	3,86,015/- (02 Seats)	4,09,555/- (08 Seats)	4,51,920/-
7	BE Civil for Diploma Holders (4.5 Year Course)	1,038,225.00	5,71,025/- (02 Seats)	6,22,935/- (08 Seats)	6,54,085/-

All the Schemes mentioned do not cover refundable Security Deposit, the University/Engineering Council Charges, SWECAD fee, Study tour, field visit, Survey/Geology Camp Fees. **Terms & Condition apply.*

Girls' Hostel Expenses

The cost of a double occupancy accommodation, inclusive of room rent, water and sanitation, is Rs. 9,000/- plus Rs. 100/- towards admission (sub-total Rs. 9,100/-) per student per semester. In addition the student has to pay security deposit (refundable) of Rs. 2600/- at the time of hostel admission. The actual cost of electricity is payable each month by the students. Students are provided a cot, a cupboard and one set of study table and chair. They need to bring mattresses, quilts/blankets, bed linen and pillow cover and other clothing on their own.

Transportation Cost

Students intending to use the college transport must buy a semester bus pass upon payment of Rs. 8,000/-. The bus pass must be availed within two weeks of date of commencement of regular classes in each semester.

Rules applicable for the Payment of Fees

- The general rules applicable for the payment of fees are as under:
- The stated fee structure is applicable for the intake of academic year 2026. All fees are subject to changes without prior notice.
 - Fees once paid are non-refundable, except the refundable deposits and the tuition fees paid in advance.
 - Semester fees must be paid before beginning of each semester.
 - Students must re-register before the commencement of each Semester. Students will not be allowed to take classes before re-registration.

Terms & Conditions for Fee Structure – 2026:

Scholarship & Scheme Opportunities

- nec Entrance Topper Scholarship:** The *nec* Entrance Test 2026 (to be held on Ashadh 25, 2083) topper receives a full fee waiver (excluding University/ Engineering Council, SWECAD Charges, Study tour/ Survey/ Geology Camp Fees) .
- Scheme 1:** Available for students with GPA ≥ 3.3 (or 70% equivalent) in +2/A-level/Diploma and an entrance score of ≥ 45 marks.
- Scheme 2:** Available for students passing nET-2026 & not covered by Scheme 1.
- Community Scheme:** For the admission under this scheme students must appear a Province Scholarship Entrance Test which shall be scheduled by the college later. To be eligible to appear on the entrance test, student must have passed +2 or equivalent from governmental / social academic institution. Students with full government-funded scholarships in +2 are also eligible. Priority will be given to the students who have studied grade/class 6 – 10 from governmental schools (as per PU rules), Selection shall be done based on the rank in the Province Scholarship entrance test (as per *nec* rules).
- Fee Adjustments:** Students shall have to bear any increases in Pokhara University's affiliation, registration, examination or any government fees during their study.
- Activity Costs:** Costs for industrial placements, internships, and study tours/field visits are the student's responsibility.
- Security Deposit Refund:** The Security Deposit is refunded after study completion.
- Advance Payment Rebate:** Provision of 5% rebate on the total fees will be granted if the student pays the entire amount at the time of admission.
- SAARC Students:** Fees can be paid in US \$ equivalent to Nepali Currency.

Please feel free to visit us for detail information.

Disciplinary Code

Students' Responsibility

Students admitted to the college are expected to adhere to the disciplinary code of conduct prescribed by the college, as stated here under:

- i. The students must fulfill the obligation to discharge their duties with diligence, fidelity and honor.
- ii. Student must have their own laptop during the computer lab class.
- iii. Maintain socially acceptable standards of morality.
- iv. Show proper respect and courtesy to seniors, teachers and staff, on or off the campus, at all times.
- v. Contribute to maintaining peace and harmony and learning environment in the college.
- vi. Be clean and tidy and follow the prescribed college dress codes.
- vii. Strictly adhere in the obligations not to:
 - Disturb the peace nor to .destroy, damage or remove the college property
 - Indulge in violence in any form, nor to pick up arguments with strangers
 - Possess, consume and distribute harmful chemicals and substances, including alcohol and narcotics;
- viii. Student must realize that violation of the prescribed codes, in any form, may be sufficient reason to bar their entry to the college or even terminate their admission in the college.

Loss or Damage Made by Student(s)

Students found responsible for the loss or damage of the college property, individually or in groups, is/are liable to pay full damage. Losses can be recovered from his/her security deposit if it covers, if it does not cover, it will be recovered by legal procedure as per government regulations.

Termination / Suspension or Expulsion

A student may be asked to leave the college for good, or may be suspended for one or more semesters, for any or more of the following reasons:

- College can reconsider to de-register the registration if

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the student doesn't clear at least 60% subjects at the end of fourth semester.

- When his/her conduct is unsatisfactory.
- When his/her ability to fulfill the academic requirements prove unsatisfactory.
- When his/her academic performance is unsatisfactory.
- When payment of fees are not paid within the prescribed due dates.
- When s/he is found participating in activities or acts which are prejudicial.
- When suitable response is not made by his/her parents/guardians to the communication sent by the college or when parents/guardians withdraw their wards in writing.
- When the information provided in the application for admission is found incorrect.
- When his/her activities are found detrimental to the interest of the college.
- When s/he is disobedient or disrespectful towards the faculty members.
- When found consuming alcohol, drugs and narcotics and indulging in gambling or other immoral acts.

Declaration by the students

The students have to sign the following declarations before admission. They should follow strictly the terms as declared during his/her study period.

- All the personal information about father/mother and local guardian and their contact numbers provided by me are correct.
- I got admission in *nec* after being well informed about the details of the total fee to be paid to *nec* and I will pay all college dues accordingly in time.
- During the period of my study, I will abide by the disciplinary rules of the college and I will not cause damage to any property of the college, failing which I am liable to be penalized, expelled or suspended from the college and fined according to the damages caused.
- If the academic or other certificates submitted by me are found to be false, my admission would be automatically made null and void and I agree to forfeit all the amount paid at the time of admission.

Admission Cancellation

1. **Application Process:** Requests for admission cancellation must be submitted in writing by the parent, guardian, or student.

The application must:

- Clearly state the authentic reason for cancellation.
- Be accompanied by supporting documents.
- Be addressed to the Principal and submitted to the College Administration.

2. **Cancellation Charges:**

- i. **For students receiving university scholarships:** If any admitted student gets a full scholarship from IoE constituent campuses only OR Pokhara University, the total fee deposited will be refunded after deducting NRs. 2,000.00 (against valid documents). In case of admission in other universities with full scholarship, the total fee deposited will be refunded after deducting NRs. 5000.00 (against valid documents).

- ii. **Cancellation before the start of the Academic Session (2026 Intake) (Applies only upon submission of valid proof)**

- Within 15 days (of admission): Refund of total fee deposited deducting NRs. 15,000 as processing and periodic charges shall be made.
- 16th days (after admission), till the day before the session start date (as per nec notice): Refund of total fee deposited deducting NRs. 30,000 as processing and periodic charges shall be made.

- iii. **Cancellation after the start of the Academic Session (2026 Intake)**

- From the start of the session until one week before the first PU registration deadline (Pokhara University notice): Refund of the total fee deposited after deducting NRs. 50,000 as processing and periodic charges shall be made.

- iv. **Cancellation in Other Cases: Only the following amounts will be refunded:**

- Security deposit: NRs. 15,000
- Survey/Geology Camp fee (only for BE Civil, BE Civil & Rural, and BE Civil for Diploma Holders): NRs. 30,000

Note: These amounts will be refunded only if they were paid during admission.

- v. **Cancellation of students receiving other *nec* Scholarships:** Refund of total fee deposited after deducting NRs. 5,000 as processing and periodic charges shall be done.

3. **Documents Requirement**

- Students must submit all required document of the +2 (or equivalent) at the time of admission.
- Submission of fake or forged documents will result in forfeiture of the entire amount paid, with no refund granted.

4. **Authority & Amendments: The College Management reserves the right to:**

- Amend, modify, or add to the disciplinary codes and admission policy without prior notice.

New Admissions

Admission to Bachelor Level Programs

nec will be admitting a maximum of 528 students (including all quotas) in the first year in the following Bachelor level programs for the academic year 2026.

Bachelor Degree Courses

Course	Total Seats
B. Architecture	48
B. E. (Civil)	144
B. E. (Computer)	96
B. E. (Information & Communication)	96
B. E. (Electrical & Electronics)	48
B. E. (Civil & Rural)	48
B. E. (Civil) for Diploma Holders	48
Total	528

Eligibility

The students seeking admission to the Bachelor level programs must have completed Higher Secondary (10+2) with Science (Physical & Bio-group) obtaining minimum C Grade in Physics, Chemistry and Math (PCM) or Diploma in Engineering or equivalent from a recognized institution securing at least second division marks with mathematics (100 marks or 3 credit hours) as one of the subjects.

The students seeking admission to BE (Civil) for Diploma Holders program must have completed certificate (Diploma) level course in any Engineering or Architecture from a recognized institution securing at least second division marks.

Admission Procedure

Nepalese Students

The admission granted to the Nepalese students shall be merit based, evaluated on the basis of their performance in *nec* Entrance Test (**nET-2026**). The entrance test will be paper based on multiple choice questions covering different areas mentioned in the table below:

Course	Percent
Physics	30
Chemistry	20
Mathematics	40
English	10
Total	100
Aptitude Test for B. Arch	20

Foreign Students

Foreign students may be granted admission based on the academic scores in the qualifying examination and /or interview. They should submit application, along with all necessary credentials, addressed to the Principal of *nec*.

B. E. Civil for Diploma Holders Program:

nec Entrance Test (nET- BDH - 2026)

The Entrance Test will be paper-based with multiple-choice questions covering the above subjects. Admission will be granted on merit-based performance of the candidates in the entrance test and the number of years of related work experience.

Syllabus for entrance test will be as follows:

S.N	Subject	Marks	Time
1	Physics	30	Total 2 Hours
2	Chemistry	15	
3	Mathematics	40	
4	Strength of Material & Theory of Structures	30	
5	Surveying	30	
6	Building Materials and Construction	30	
7	English	25	
	Total	200	

Admission to Masters' Level Programs

Admissions to Masters' level programs shall be in accordance with the academic qualifications and admission procedures prescribed for the specific courses. Prospective students are advised to contact the college administration for the needed details. Admission related informations are also available in the information brochure of *nec*-CPS.

Master Degree Courses

Course	Total Seats
M. Sc. (Construction Management)	30*
M. Sc. (Natural Resource Management)	30
M. Sc. (Inter Disciplinary Water Resource Management)	30
M. Sc. (Transportation Engg. & Management)	30
Total	120

*Biannual Intake



nec Entrance Test (**nET - 2026**) for various programs at Changunarayan Campus, *nec*-BDH Campus and *nec*-CPS Campus will be held at different dates. Visit nec.edu.np for relevant information or contact us after you apply

How to Get **Admission?**

STEP

1

Think about what you really want to know - not just about your course, but about future prospects! Call the given helpline numbers or email us for your queries. You can also schedule meeting with our college representative to clarify any doubts.

info@nec.edu.np
01-5221006

STEP

2

Fill up the admission form with at most 3 preferred programs (BE or B. Arch) and appear for the *nec* Entrance Test 2026 (nET-2026).
Visit www.nec.edu.np for your nET 2026 result and verify your name in the merit list and program. There will be separate entrance test for M.Sc. and BE Civil for Diploma Holders.

STEP

3

Successful candidates can take admission by verifying their documents and depositing the admission fee. In case your name doesn't appear under the preferred program, you can still take the admission in the program where you have been qualified and submit an application to transfer your name to your preferred program. If someone takes admission in his/her preferred program, the cancellation of admission will be governed by admission cancellation rules of the college.

STEP

4

(Applicable for program transfer applicants) In case the student doesn't get transferred to the desired program, he/she might choose to stay in the admitted program or can cancel the admission with full refund within 10 days.

Note: Information provided in this prospectus is for reference purpose. In case of ambiguity and confusion, official documents issued by the college prevails.



Activities & Educational Tours

Academic Activities



Academic Activities



Educational Tours



Sports Activities





Other Activities



nec Management Committee



Principal
Assoc. Prof. Durgaprasad Bhandari



Vice Principal
Assoc. Prof. Mohan Dhoj K.C.



Director, *nec* - CPS
Assoc. Prof. Robert Dongol



HoD, Electronics & Communication,
Electrical & Electronics
Assoc. Prof. Sachin Shrestha



HoD, Civil, Civil & Rural
Assoc. Prof. Sanjay Kumar Kawan



HoD, Computer Science & Engineering
Asst. Prof. Anshu Ghimire



HoD, Architecture, Applied Science &
Humanities
Assoc. Prof. Ram Prasad Suwal



Co-ordinator, *nec*-BDH
Assoc. Prof. Ramesh Gnawali



Co-ordinator, Applied Science &
Humanities
Assoc. Prof. Prabin Basnet



Chief Administrator
Mrs. Shreema Sharma



Chief, Construction and Maintenance
Asst. Prof. Sushil Adhikari



Chief-Exam Division
Asst. Prof. Samjhana Shrestha



Chief, Student Welfare & Extra Curricular
Activities Division
Asst. Prof. Dola Raj Pandey



Chief-ICT
Asst. Prof. Ashish Kumar Jha



Media Relation Officer
Asst. Prof. Mahesh Pujara



Library Incharge
Mrs. Sumitra Shakya



Store Incharge
Mr. Laxman Basnet



Teacher Representative
Asst. Prof. Ramesh Kumar Pudasaini



Teacher Representative
Assoc. Prof. Dr. Dibangar Khoteja



Staff Representative
Mr. Shreeram Khanal

Faculty Members

Department of Civil Engineering

Associate Professors



Mohan Dhoja K.C. (NEC reg. 4767 Civil)
(Vice Principal)
PhD Scholar, IoE, TU
M. Sc. (Transportation Engineering & Management), *NEC*, PU, 2013
M.A. (Sociology and Anthropology), TU, 2008
BE (Civil), IoE, Pulchowk Campus, TU, 2006
Research Interest: Highway Safety



Sanjay Kumar Kawan (NEC reg. 4650 Civil)
(Head of Department)
M.E. (Earthquake Engineering), Khwopa Engineering College, PU, 2018
BE (Civil), Khwopa Engineering College, PU, 2005
Research Interest: GIS



Rosina Mali
M.Sc. (Geology), Tribhuvan University, 1996
Research Interest: Engineering Geology, Geohazared



Ramesh Khanal (NEC reg. 460 Mechanical)
M.Sc. (Industrial Management), UPM (Spain), POLIMI (Italy) & KTH (Sweden), 2008
BE (Mechanical), IoE, Pulchowk Campus, TU, 2003
Research Interest: Waste Water Treatment Technology, Life Cycle Assessment



Dr. Dibangar Khoteja (NEC reg. 4285 Civil)
Ph.D. in Geotechnical Engineering, Huazhong University of Science and Technology, 2022
M.Sc. (Geotech Engineering), IoE, Pulchowk Campus, TU, 2012
BE (Civil), IoE, Pulchowk Campus, TU, 2005
Research Interest: Treatment of Clay



Ajay Khadka (NEC reg. 5598 Civil)
M.Sc. (Construction Mgmt.), *NEC*, PU, 2018
BE (Civil), *NEC*, PU, 2007
Research Interest: Earthquake Engineering



Dibyashree Lohani Poudyal (NEC reg. 4050 Civil)
(Member RMC)
PhD, KLUST, Malaysia, 2025
M.Sc. (Structural Engineering), IoE, Pulchowk Campus, TU, 2010
BE (Civil), *NEC*, Pokhara University, 2004
Research Interest: Response Analysis, Structural Design

Associate Professors



Raghu Nath Prajapati (NEC reg. 4441 Civil)
PhD, KLUST, Malaysia, 2025
M.Sc. (Water Resource Engineering), IOE - Pulchowk, TU, 2011
BE (Civil), Khwopa Engineering College, PU, 2005
Research Interest: GIS, Hydrological Modelling



Bibhuti Ojha (NEC reg. 5503 Civil)
M.Sc. (Water Engineering Management), AIT, Thailand, 2013
BE (Civil), *NEC*, PU, 2007
Research Interest: Waste Water Treatment Technology, Water Security, Climate Smart Agriculture, Circular Economic, LCA



Sunil Khyaju (NEC reg. 6472 Civil)
M.Sc. (Transportation Engineering), IoE, Pulchowk Campus, TU, 2012
BE (Civil), IoE, Pulchowk Campus, TU, 2010
Research Interest: Traffic Modelling & Simulation



Ramesh Gnawali (NEC reg. 5700 Civil)
(*NEC* - BDH Co-ordinator)
M.Sc. (Structural Engineering), IoE, Pulchowk Campus, TU, 2011
BE (Civil), TU, 2009
Research Interest: Shear Strengthening and Nonlinear Finite Element (NLFE) Analysis of RC Structures, BIM

Assistant Professors



Ramhari Shrestha (NEC reg. 7324 Civil)
M.E. (Earthquake Engineering), Khwopa Engineering College, PU, 2015
BE (Civil) *NEC*, PU, 2011
Research Interest: Earthquake Engineering, (Seismic Risk Analysis, Seismic Loss Estimation), GIS Based Seismic Risk Analysis



Prem Prakash Aryal (NEC reg. 985 Mechanical)
M. Sc. (Climate Change & Development), IoE, Pulchowk, TU, 2017
BE (Mechanical), IoE, Pulchowk Campus, TU, 2009
Research Interest: Energy, Environment and Climate Change



Sushil Adhikari (NEC reg. 7519 Civil)
(Chief Construction and Maintenance Division)
M.E. (Earthquake Engineering), Khwopa Engineering College, PU, 2017
BE (Civil), KEC, TU
Research Interest: Response of ground motion in Structure



Umesh K.C. (NEC reg. 7311 Civil)
ME (Earthquake Engineering), Khwopa Engineering College, PU, Nepal, 2018
BE (Civil Engineering), *NEC*, PU, Nepal, 2010
Research Interest: Soil Liquefaction analysis and mitigation methods, Cost effective ground improvement techniques, Chemical grouting, Fluid Mechanics



Amrendra Swarnakar (NEC reg. 14468 CIVIL)
M.E. (Structural Engineering), JNTUK University, India, 2020
B.Tech (Civil Engineering), JNTUK University, India, 2016
Research Interest: Steel Structures, Plate and Shell, BIM with AR including Retrofitting

Assistant Professors



Rajiv Manandhar (NEC reg. 7824 Civil)
M.Sc. (Structural Engineering), IoE, Pulchowk Campus, TU, 2014
BE (Civil), IoE, Pulchowk Campus, 2011
Research Interest: Buildings and Bridges



Tejeshwini Singh (NEC reg. 11908 Civil "A")
MTech (Geotechnical and Geo-environmental Engineering), IIT-Delhi, 2019
BE (Civil), Jamia Millia Islamia Central University, India, 2015
Research Interest: Green Building, Geo-environmental Engineering, Site Investigation



Bishwo Ram Khatri (NEC reg. 8417 Civil)
M.Sc. (Construction Management), *NEC*, PU, 2020
BE (Civil) *NEC*, PU, 2012
Research Interest: Construction Safety



Prakash Bashyal (NEC reg. 3088 Mech)
MTech (Production Engineering), Shimla University, 2018
BTech (Mechanical Engineering), Shimla University, 2016
Research Interest: FEA/FEM, Tribological Design, Design and optimization of machine element



Arun Satyal (NEC reg. 1308 Mech)
PhD (Precision Engineering), Nanyang Technological University, Singapore, 2019
BE (Mechanical Engineering), Kathmandu University, 2012
Research Interest: Precision Engineering, Industrial Manufacturing, Industrial Automation

Assistant Instructors



Anju Khoteja
Diploma in Mechanical Engineering, IoE, Thapathali Campus, T.U., 2010

Junior Instructors



Sushil Shrestha
Diploma in Mechanical Engineering, Tribhuvan University, 2013



Prabhakar Bist
Diploma in Civil Engineering, CTEVT Nepal, 2013



Bikash Shrestha
Visiting Instructor
Diploma in Civil Engineering, CTEVT Nepal, 2021

Department of Architecture

Associate Professors



Ram Prasad Suwal (NEC reg. 535 Architecture)
(Head of Department)
M. Sc. (Urban Design & Conservation), Khwopa Engineering College, PU, 2012
B.Arch., Khwopa Engineering College, PU, 2006
Research Interest: Heritage Conservation and Vernacular Settlement Studies



Krishna Prasad (Shrestha) Bhuju (NEC reg. 1400 Civil)
M.Arch., Saint Petersburg State University of Architecture & Civil Engg. Russia, 1996
Research Interest: Landscape Architecture, Interior Design



Yojana Tuladhar (NEC reg. 97 Architecture)
M.Arch., The Odessa State Academy of Civil Engg. And Architecture, Ukraine, 1996
Research Interest: Landscape Architecture



Nhasala Sayami (NEC reg. 74 Architecture)
M.Sc. (Urban Planning), IoE, Pulchowk Campus, T.U., 2010
B.Arch., *NEC*, Tribhuvan University, 2001
Research Interest: Urban Planning, Urban Change, Landscape Architecture



Anil Kumar Regmi (NEC reg. 346 Architecture)
M.Sc. (Construction Management), Pokhara University, 2008
B.Arch., *NEC*, Pokhara University, 2005
Research Interest: Construction Management, Land Development



Sankalp Pokhrel (NEC reg. 609 Architecture)
M.Arch., Russian Peoples' Friendship University, Russia, 2004
B.Arch., Russian Peoples' Friendship University, Russia, 2002
Research Interest: Heritage Conservation, Traditional Architecture

Assistant Professors



Samjhana Shrestha (NEC reg. 627 Architecture)
(Chief - Exam Division)
M. Sc. Engineering (Disaster Risk Management), IoE, TU, 2016
B. Arch., Kathmandu Engineering College, TU, 2009
Research Interest: Sustainable Architecture



Sharada Poudel (NEC reg. 1096 Architecture)
M. Sc. (Urban Planning), IoE, T.U., 2014
B. Arch., T.U., 2012
Research Interest: Sustainable Architecture and Urban Planning

Assistant Professors



Rujula Tamrakar (NEC reg. 741 Architecture)
M. Sc. (Urban Design & Conservation), Khwopa Engineering College, PU, 2014
B.Arch., Khwopa Engineering College, PU, 2010
Research Interest:
Urban Design & Conservation



Usha Mandal (NEC reg. 15 Architecture)
M. Sc. (Urban Design & Conservation), Khwopa Engineering College, PU, 2015
B.Arch., *NEC*, Tribhuvan University, 2001
Research Interest:
Settlement Development and Conservation



Pujita Upadhyaya (NEC reg. 603 Architecture)
M. Sc. (Urban Design & Conservation), Khwopa Engineering College, PU, 2015
B.Arch., *NEC*, Pokhara University, 2008
Research Interest:
Conservation



Sweta Amatya (Shrestha) (NEC reg. 689 Architecture) (Member RMC)
M. Sc. Engineering (Disaster Risk Management), IoE, TU, 2013
B. Arch., Kathmandu Engineering College, TU, 2009
Research Interest:
Disaster Risk Management, Urban Context



Rakshya Rayamajhi (NEC reg. 605 Architecture)
MSc (Monumental Heritage) Hochschule Anhalt, Dessau, Germany, 2012
BArch, *NEC*, Pokhara University, 2008
Research Interest:
Sustainable architecture, vernacular architecture, adaptive reuse, traditional building methodology



Raghav Syangadan (NEC reg. 1922 Architecture)
MSc (Human Settlement) Khulna University, Khulna, Bangladesh, 2018
BArch, Khulna University, Khulna, Bangladesh, 2016
Research Interest:
Urban and rural settlement planning, informal settlement up-gradation, community based tourism.



Krishna Ram Bhandari (NEC reg. 1453 Architecture)
Master of Science in Energy for Sustainable Social Development, Pulchowk Campus, 2019.
Bachelor of architecture, *NEC*, PU 2014
Research Interest:
Sustainable Construction Technology, Sustainable Housing.



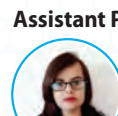
Bishow Shakya (NEC reg. 211 Architecture)
M.Sc. Engineering Management PU, Nepal, 2018
B. Architecture, Pokhara University, Nepal, 2004
Research Interest:
Traditional Architecture, Culture

Department of Computer Science & Engineering

Associate Professors



Sundar Kunwar (NEC reg. 1211 Computer)
M.Sc. in Software Development, Finland, 2013
BE (Computer), Advanced College of Engineering and Management, T.U., 2006
Research Interest:
Humanoid Robotics, Agile Software Development



Anshu Ghimire (NEC reg. 294 IT) (Head of Department)
M.Tech (Computer Science & Engineering), Visvesvaraya Technological University, Karnataka, India 2012
BE (Information Science), Visvesvaraya Technological University, Karnataka, India, 2010
Research Interest:
Image Processing



Jeet Bahadur Bohara (NEC reg. 2467 Computer)
M.Sc. (Information Technology), University of Madras, India, 2009
AMIE (Computer), India, 2005
Research Interest:
Artificial Intelligence, Computational Linguistics
Numerical Analysis of Engineering Problems



Krishna Bikram Shah (Member RMC)
Ph.D. Scholar, SMIT, SMU, Sikkim, India
M.Tech. (Computer Science and Engineering), SMIT, SMU, India, 2012
M.C.A. (Masters of Computer Application), SMIT, SMU, India, 2007
B.Sc. (Software Systems), North Bengal University, India, 2004.
Research Interest:
Artificial Intelligence, Machine Learning, RS-GIS, Bioinformatics, SWM



Bishwadeep Mainaly
M. Tech (Computer Science and Engineering), SMIT, SMU, India, 2015
BE (Computer Science and Engineering), Anna University, Chennai, India, 2012
Research Interest:
Cloud Robotics, Internet of Things



Ashish Kumar Jha (NEC reg. 3495 Computer) (Media Relation Officer)
M. Tech (Computer Science - Networking)
Sharda University, India, 2017
BE (Computer Science & Engineering), T.U. 2013
Research Interest:
IoT, Machine Learning, Image Processing, Pattern Recognition



Madan Raj Upreti
M.Sc. Computer Science
South Asian University, India, 2017,
B.Sc. CSIT, Tribhuvan University, Nepal, 2013
Research Interest:
Real Time System, Cyber Physical System, Design and Analysis of Algorithm, Computer Network

Assistant Professors



Dipak Kumar Chaudhary (NEC reg. 2727 Elx & Comm)
M.Sc. Information System Engineering, PU, Nepal, (Running)
M.Sc. Renewable Energy Engineering, TU, Nepal, 2012
BE Electronics & Communication Engineering, TU, 2010
Research Interest:
OOSD, Energy Economics, Numerical Analysis, Instrumentation System, DSP, Solar PV



Tara Chandra Shrestha (NEC reg. 2490 Computer)
M. Tech Networking and Cyber Security, Sharda University, India, 2020
Bachelor in Computer Engineering, PU, Nepal, 2011
Research Interest:
Network and Communication, Cyber Security, ML and AI



Santosh Bhattarai (NEC reg. 1544 Computer)
Master of Science Computer Engineering
Research Interest:
Cloud Computing, Programming



Susant Bhujel
M.Sc. Information and Communication, TU, 2022
Research Interest:
Wireless Communication, Machine Learning, Networking



Sudarshan Subedi (NEC reg. 5649 Computer)
MSc. In Computer Science, Pokhara University
BE Computer Engineering, TU, Nepal, 2017
Research Interest:
Machine learning, Deep Learning, Computer Vision



Mahesh Pujara
MSC CSIT, TU (2024)
Research Interest:
Machine Learning, Computer Programming



Alisha Shrestha (NEC reg. 8518 Elx & Comm)
ME (Computer Engineering), Pokhara University (2024)
BE (Electronics and Communication Engineering), PU, *nec* (2019)
Research Interest:
Image Processing



Pranita Tamang
MSC CSIT, TU (2024)
BSC CSIT, TU (2018)
Research Interest:
Software Engineering



Harimohan Khatri
ME (Computer Engineering), Pokhara University (2025)
Research Interest:
Machine Learning
Image Processing

Department of Electronics & Communication Engineering

Associate Professors



Durgaprashad Bhandari (NEC reg. 98 Elx & Comm) (Principal)
Ph.D Scholar, Industrial Technology, UPCT Spain
M. Sc. (Information & Communication Engineering), IoE, Pulchowk Campus, T.U., 2011
B.E (Electronics), Nagpur University, India, 1998
Research Interest:
Sensor design, Energy poverty, VLSI.



Sachin Shrestha (NEC reg. 1396 Elx & Comm) (Head of Department)
PhD Scholar
M. Sc. (Information & Comm. Engineering), IoE, T.U., 2012
B. E. (Electronics & Communication Engineering), KEC, TU, 2007
Research Interest:
Low Powered Embedded System Design, Biomedical Signal Processing, ICT for disability.



Ganesh Adhikari (NEC reg. 283 Elx & Comm)
PhD Scholar
M.E. (Computer Engineering), NCIT, PU, 2017
BE (Electronics & Communication Engineering), A.I.T. Engineering College, KUVEMPU University, India, 1995
Research Interest:
Instrumentation System, Logic Circuits, Computer Graphics, IP Routing & Switching.



Rupesh Dahi Shrestha (NEC reg. 736 Elx & Comm)
M.Sc. (Information & Comm. Engineering), IoE, Pulchowk Campus, T.U., 2013
BE (Electronics & Comm.), *NEC*, Pokhara University, 2005
Research Interest:
Signal and Image Processing, Machine Intelligence, Embedded System Design.



Amit Shah (NEC reg. 608 Electrical)
M. Sc. (Information & Comm. Engineering), IoE, Pulchowk Campus, T.U., 2015
B. Sc. (Electrical Engineering), University of Engineering and Technology, Pakistan, 2004
Research Interest:
Signal processing, Machine Learning.



Bijaya Shrestha (NEC reg. 907 Elx & Comm)
M. Sc. (Radio Frequency Electronics), Tampere University of Technology, Finland, 2011
B. E. (Electronics & Communication Engineering), Pulchowk Campus, TU, 2006
Research Interest:
Internet of Things (IoT), AI, RF Electronics, Wireless Communications

Assistant Professors



Binash Singh (NEC reg. 1029 Elx & Comm)
BE (Electronics & Comm.), Bangalore University, India, 2001
Research Interest:
Wireless Communication



Deepesh Prakash Guragain (NEC reg. 5692 Elx & Comm)
M.Tech. in Embedded System, JNTU, India, 2015
B. E. (Electronics & Communication Engineering), KEC, TU, 2010
Research Interest:
Embedded System, IoT, Hardware Design and FPGAs.



Ramesh Kumar Pudasaini (NEC reg. 3089 Elx & Comm)
M. Sc. (Information System Engineering), PU, 2017
BE (Electronics & Communication Engineering), Acme Engg. College, PU, 2007
Research Interest:
Internet of Things (IoT), Wireless Communication, Networking



Anil Kumar Yadav (NEC reg. 1302 Elx & Comm)
M.Tech. (Communication Systems), National Institute of Technology, Trichy, India, 2011
B. E. (Electronics & Communication Engineering), ACEM, TU, 2007
Research Interest:
Wireless Communication, Automation, Networking

Senior Instructor



Gyan Bhakta Maharjan
Diploma in Electrical Engineering, CTEVT, 1993

Instructor



Rupesh Karn (NEC reg. 30240 Civil)
BE Civil, PoU, 2021
Diploma in Electronics Engineering, T.U., 2011

**Department of
Electrical & Electronics
Engineering**

Associate Professors



Ajay Kumar Lal (NEC reg. 850 Electrical)
(Member RMC)
IEEE reg. ,94334313 P. Engg., South Asia Region-10.
M.Tech. (Electrical Power Engineering), JNTUH, India, 2015
BE (Electrical Engineering), NIT, Allahabad, India, 2002
Research Interest:
Cascading Failure, ATC, Synchronized PMU, Security System



Madan Raj Chapagain (NEC reg. 42 Electrical)
PhD Scholar
M.Sc. (Power System), IOE-T.U., 2006
B.Sc. (Electrical & Electronics) BUET, 1995
Research Interest:
Power System Automation & Smart Grid

Assistant Professors



Narayan Prasad Acharya (NEC reg. 481 Elx & Comm)
M.Sc. (Power Engineering), Brandenburgische Technische University Cottbus, Germany, 2011
BE (Electronics & Communication) **NEC**, PU, 2003
Research Interest:
Solar Photo Voltaic System & Power System



Yam Krishna Paudel (NEC reg. 1224 Elec & Elx), IEEE member
PhD Scholar at RIMT University , M.Sc. IT Leeds beckett university, UK
M.Sc. in Power System Engineering, IoE Pulchowk campus , MBA KFA Business School & IT , BE Electrical & Electronics (2015)
Research Interest:
Machine Learning, Smart Grid, Distributed Generation , Energy Economics



Basanta Pancha (NEC reg. 1655 Elec & Elx)
M.Sc. in Renewable Energy Engineering, TU, 2019
BE in Electrical Engineering, TU, 2015
Research Interest:
Distributed Generation, Optimization, Islanding, ANN

**Department of
Civil & Rural
Engineering**

Associate Professor



Sanjay Kumar Kawan (NEC reg. 4650 Civil)
(Head of Department)
M.E. (Earthquake Engineering), Khwopa Engineering College, PU, 2018
BE (Civil), Khwopa Engineering College, PU, 2005
Research Interest:
GIS



Dr. Rakesh Dumar (NEC reg. 6489 Civil)
(Member Secretary RMC)
Ph.D., University of Porto, Portugal, Civil Engineering, 2018
M.Sc.(Structural Engineering), IoE, Pulchowk Campus, TU, 2011
BE (Civil), IoE, Pulchowk Campus, TU, 2009
Research Interest:
Performance Assessment of Existing Infilled Reinforce Cement and Heritage building in Nepal

Assistant Professors



Yaman Dhakal (NEC reg. 40 Civil & Rural)
M.Sc. (Construction Management), **NEC**, PU, 2019
BE (Civil and Rural) **NEC**, PU, 2013
Research interest:
Material Management System in Construction Project



Sanjeev Bikram Shah (NEC reg. 08 Civil & Rural)
M.Sc. (Geotechnical Engineering), IoE, TU, 2016
BE (Civil and Rural), **NEC**, PU, 2013
Research interest:
Slope Stabilization, Tunneling



Binay Kumar Sah (NEC reg. 11740 Civil)
M.Tech. (Structural Engineering) JNTUK, India, 2017
B. E. (Civil) VTU, Belgaun, India, 2014
Research interest:
RC Buildings, Masonry Buildings, Seismic Analysis, Non-Linear Static Analysis, Retrofitting

Assistant Professors



Rakshak Dhungel (NEC reg. 05 Civil & Rural)
M.Sc. (Geotechnical Engineering), IoE, TU, 2018
BE (Civil and Rural) **NEC**, PU, 2013
Research interest:
Liquefaction modeling, Ground Improvement technique



Nirmal KC (NEC reg. 16052 Civil)
M.Sc. Environmental Engineering, 2078
Research interest:
Solid Waste Management, Nitrification of Ground Water

Junior Professor



Pratibha Parajuli (NEC reg. 15485 Civil)
M.Sc. (TEAM), PU, 2020
BE (Civil), TU, 2016
Research interest:
Solution for Parking Problem, Congestion in urban area

**Department of
Applied Science and Humanities**

Professor



Sabitri K. Tripathi (Pandey)
M.Sc. (Chemistry), Tribhuvan University, 1991
Research Interest:
Water treatment and sanitation

Associate Professors



Prabin Basnet
Co-ordinator
(Member RMC)
Ph.D. Scholar, Institute of Science & Technology, TU
M.Sc. (Chemistry), Tribhuvan University, 2005
Research Interest:
Separation Science, Heavy Metal Adsorption



Rabindra K. Budhathoki
M.Sc. (Physics), Tribhuvan University, 1998
Research Interest:
Advanced Solid State Physics, Particle Physics



Siddhi Prasad Pradhananga
M. Phil., Kathmandu University, 2013
M.Sc. (Math), Tribhuvan University, 1997
Research Interest:
Applied Mathematics



Youb Raj Gaire
M.Phil., T.U. 2016
M.Sc. (Math), Tribhuvan University, 2007
Research Interest:
Integral Transform, Number Theory



Sulochana Pradhan (Shrestha)
M.Sc. (Chemistry), Tribhuvan University, 1993
Research Interest:
Water Quality Analysis, Protein Analysis

Assistant Professors



Kishor Dhungana
M. Phil, Pokhara University, 2020
M. A., English, Tribhuvan University, 2008
LLB, TU, 2023
Research Interest:
Cultural Studies



Dola Raj Pandey
Chief-Student Welfare and Extracurricular Activities Division
M. Phil (Mathematics) (Running)
M. Sc. (Mathematics), Tribhuvan University, 2011
Research Interest:
Numerical Analysis



Yuba Raj Paudel
M.Sc. (Physics), Tribhuvan University, 2011
Research Interest:
Surface Modification of Polymer (Plasma)



Umesh Bhattarai
M.Sc. (Math), Tribhuvan University, 2009
Research Interest:
Mathematical Analysis



Lok Narayan Pokhrel
M. Sc. (Physics), Tribhuvan University, 2013
Research Interest:
Galaxy Rotation Curve, Dark Matter



Suraj Paudel
M. Sc. (Statistics), Tribhuvan University, 2017

Assistant Instructors



Dilli Raj Paneru
B.Sc. (Physics), Tribhuvan University, 2011



Dhana Pd. Poudel
B.Sc. TU, 2022
I.Sc., Tribhuvan University, 2008

nec- Center for
Postgraduate Studies
(nec-CPS)

Professor



Dr. Thusitha Chandani Shahi (P. Eng. NEC reg. 1652 Civil)
 PhD, Road & Airfield, MADI, Moscow, Russia, 1999
 M.Sc, Highway Engineering, MADI, Moscow, Russia, 1994
Research Interest:
 Road Safety, Traffic Engineering

Associate Professor



Robert Dongol
 (Director nec-CPS) (Co-ordinator iWRM)
 Ph.D Scholar, Kathmandu University, Dhulikhel, Nepal
 M.Sc. (Environmental Engineering and Management), AIT, Thailand, 2007
 B. Sc. (Environmental Science), Kathmandu University, 2004
Research Interest:
 iWRM, Water and wastewater management, SWM

Assistant Professors



Dr. Narayan Prasad Koju
 (Co-ordinator RMC)
 DNSc. Kunming Institute of Zoology, Chinese Academy of Science, 2017
 PhD in Zoology (Wildlife Ecology), T.U., 2014
 M.Sc. in Zoology (Ecology), T.U., 2006
 B.Sc. (Biology), Tri-Chandra College, TU, 2003
Research Interest:
 Conservation Biology, Climate Change, Phylogenetics & Evolutionary Biology



Dinesh Sukamani (NEC reg. 10597 Civil)
 (Co-ordinator CM)
 PhD (Civil Engineering), Wuhan University of Technology, Wuhan, China, 2022
 Master in Civil Engineering (Construction Management), Wuhan University of Technology, Wuhan, China, 2017
 BE (Civil Engineering), Khopwa Engineering College, PU, 2013
Research Interest:
 Project Management and Sustainable Evaluation, Engineering Project Investment Financing



Gopal Gautam (NEC reg. 9251 Civil)
 (Co-ordinator TEAM)
 M.Sc. (Transportation Engineering & Management), nec, PU, 2018
 BE (Civil Engineering), nec, 2013
Research Interest:
 Urban Road Planning, Design and Management



Rajesh Khadka (NEC reg. 5644 Civil)
 M.Sc. (Transportation Engineering & Management), Pokhara University, Nepal, 2018
 BE (Civil), Tribhuvan University, Nepal, 2004
Research Interest:
 Transport Planning, Pavement Engineering & Management



Manoj Kunwar
 MPhil (Economics)
 M.A. (Economics), Tribhuvan University, Nepal, 2012
 B.Sc. (Statistics), Tribhuvan University, Nepal, 2007
Research Interest:
 Economics & Econometrics

Assistant Professors



Sudip Pokhrel
 M.Sc. (Statistics), Central Department of Statistics, T.U., 2017
 B.Sc. (Statistics), Tri Chandra College, T.U., 2014
Research Interest:
 Multivariate Analysis, Statistical Modeling, Applied Survey Sampling and Sampling Methodology



Sabir Baidya (NEC reg. 5485 Civil)
 M.Sc. in Construction Management, 2015, PU
 BE Civil, 2007, PU
Research Interest:
 Construction Management of Housing Project



Pratik Bajracharya
 M.Sc. (Environmental science), TU (2019)
 B.Sc. (Environmental science), TU (2016)
Research Interest:
 Water science, circular economy, plastics

Research co-ordinator (Gist Project)





Administration Section



Administration/Transportation Section

Administrative Staff



Examination Division



Account Section



Girls Hostel



Library



Store/Procurement



The **Chartered Engineers** of Nepal working at *nec*

Nepal Engineering College is happy to announce the Chartered Engineers of Nepal working with us. They are our proud properties and are as follows:

DESIGNATION

NAME

Assoc. Prof.	Durgaprasad Bhandari
Assoc. Prof.	Ramesh Khanal
Assoc. Prof.	Rupesh Dahi Shrestha
Assoc. Prof.	Sundar Kunwar
Assoc. Prof.	Dibyashree Lohani Poudyal
Assoc. Prof.	Mohan Dhoja K.C.
Assoc. Prof.	Raghu Nath Prajapati
Assoc. Prof.	Bijaya Shrestha
Assoc. Prof.	Sachin Shrestha
Assoc. Prof.	Dr. Dibangar Khoteja
Asst. Prof.	Narayan Prasad Acharya

ALUMNI SUCCESS STORIES

Manju Adhikari

iWRM (2017 Batch)
Senior Project Officer
and ICLEI Nepal
Country Representative



Er. Babusaheb Kumar

Civil Engineering (2016 Batch)
Highway Engineer
Ministry of Infrastructure
Development, Nepal



Er. Anil Kumar Yadav

*BE Electronics and Communication
(2018 Batch)*
Telecom Engineer
Nepal Telecom, IMU Lahan



Er. Rakshya Aryal

BE Computer (2015 Batch)
ICT Business Analyst
Netstrata, Australia



Er. Anil Pokhrel

Civil & Rural Engineering
Senior Divisional Engineer
Ministry of Energy, Water Resource
and Irrigation, Nepal



Er. Dhurba Pandey

*BE Electronics and Communication
(2018 Batch)*
Inspector of Police
Police, Headquarter Naxal



Er. Amrit Aryal

BE Computer (2015 Batch)
Lecturer in Computing
University College Birmingham



Er. Bishnu Lal Shrestha

BE Civil (BDH) (2012 Batch)
Engineer
Ministry of Infrastructure Development,
Department of Roads, Nepal



Er. Binaya Sharma Kafle

*BE Electrical and Electronics
(2006 Batch)*
Electrical Manager
Upper Trishuli-1 Hydropower Project



Ar. Bipin Paudel

Architecture (2017 Batch)
Architect
Urban Planning Division
Lalitpur Metropolitan City



DySP Er. Surya Narayan Mandal

BE Civil (BDH) (2014 Batch)
Armed Police Force Nepal
Headquarter, Kathmandu



Er. Jay Prakash Mahato

*BE Electrical and Electronics
(2018 Batch)*
Electrical Engineer
NEA, Biratnagar



Ar. Jagdish Chandra Joshi

Architecture (2013 Batch)
Architect
Infrastructure Development Office,
Mustang



Er. Gopal Sharma

BE Civil (BDH) (2008 Batch)
Superintending Engineer
Department of Water Resources
and Irrigation, Nepal

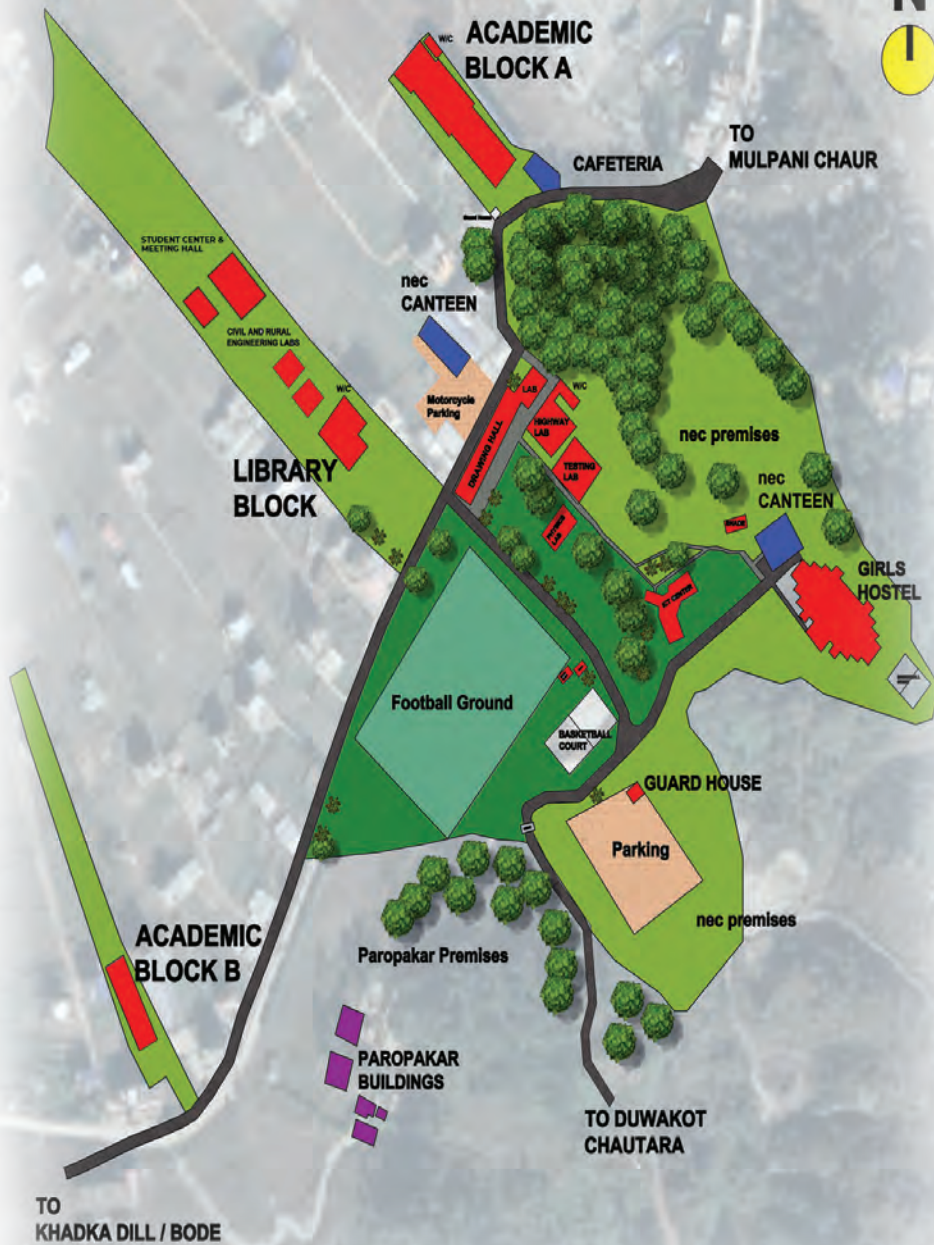




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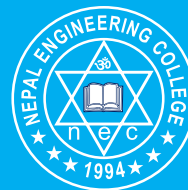
- D.A.O Bhaktapur Reg.NO. 552/2060
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nec MASTER PLAN



nec

A BRAND OF QUALITY
ENGINEERING EDUCATION SINCE 1994



NEPAL ENGINEERING COLLEGE

(Affiliated to Pokhara University)

Self Financed Not-for-Profit Social Academic Institute

(D.A.O. Bhaktapur, Regd. No. 552/2060)

Changunarayan Municipality-4,
Bhaktapur
GPO Box 10210, Kathmandu, Nepal
Ph: 01- 5221006, 5221012
Email: info@nec.edu.np
Website: www.nec.edu.np

