



# CENTRAL ENGINEERING CAMPUS



Affiliated to CTEVT

Our Program

**3 Years (Oversear)**

Diploma in Civil Engineering  
Diploma in Electrical Engineering  
Diploma in Architecture Engineering

**18 Months Course  
(Sub-Oversear)**

Technical SLC in Civil Engineering  
Technical SLC in Electrical Engineering



Director

Message

Khum Bahadur Basnet  
Director

I heartily welcome all those aspiring students who have a desire and ambition to study in one of the pioneer institutions of Nepal. I believe that we can achieve and accomplish more when we compete with self and cooperate with others. Learning is a life long process and one can never learn enough. Knowledge, synced with wisdom and humility is the best. Nepal is one those developing countries which has a lot of potential to be unleashed. Infrastructures are the back bone of a nation and its engineers who can execute their skill and capability to make strong and reliable infrastructures. We are aware of the financial crunch for the families of students from rural sector and hence we have left no stones unturned to give the students quality education in the field of engineering in an affordable cost. I strongly recommend you to join Central Engineering Campus to become an engineer capable of addressing to the challenges and competition of the 21st century.



Principal

Message

Er. Krishna Adhikari  
Principal

We are a strong family of highly qualified faculty, dedicated staff, laborious students, caring guardians and well wishers alike. We continue empowering our students through intensive professional training programs in addition to the syllabus prescribed by CTEVT. We have been successful in leveraging our National linkages and projects for the benefit of students, teachers and staff. Such National and International exposure has allowed us to better prepare our students to cope up with the challenges in today's competitive job markets.

We would be happy to welcome new students to CEC family along with our commitment towards quality and excellence in education in order to make the learning at CEC meaningful and rewarding. So, we call all the aspiring students and the guardians to make a right choice and join our hands to ensure engineering study in an environment especially crafted for it. I sincerely wish a bright and perspective future to all students.

## INTRODUCTION

Established in 2010 A.D, Central Engineering Campus aims to provide quality education to the aspiring and deserving students. Affiliated to CTEVT, it is one of the pioneer center for engineering students to foster intellectual independence, critical thinking, and professional excellence in every field they work. Within a short span of its establishment, CEC has gained national and international reputation for academic excellence in teaching and research. Diploma in Engineering (Civil & Electrical) and TSLC in Engineering (Civil & Electrical) is recognized across the nation and the world for the contribution it has in the development and up growth of a country.



### Eligibility for Enrollment - For Diploma 3 Years

1. Students who have obtained 'C' grade in Mathematics and Science and D+ in English.
2. Technical SLC from CTEVT with 68.33% aggregate.
3. In Technical Course in SEE or SLC with GPA 1.6
4. The student who fulfills any of the three criteria's mentioned above will have to pass the entrance exam conducted by CTEVT

The college has many distinguished scholars on its faculty honored by their peers for important contribution and excellent performance to the field they study. Interaction with these experienced, motivated and hard-working educators offer students the best possible foundation to execute their creativity, skills and academics in a world where ideas and technology mesh.

### Eligibility for Enrollment-For TSLC 18 Months

1. Students who have passed SEE
2. The student who fulfills the criteria mentioned above will have to pass the Entrance Exam conducted by CTEVT.

### Enrolment procedure

Candidates need to submit the completed application form. Application forms can be collected from the college or CTEVT. All applicants must submit the following with the application form:

1. Duly completed application form together with 3 color passport-size photographs.
2. Certified copies of all relevant academic/professional qualifications and transcripts.
3. Application Form fee according to CTEVT
4. A copy of Nepalese Citizenship



## Affiliation

Central Engineering Campus is a college imparting technical education, affiliated to council for technical education & vocational Training (CTEVT)



## Salient Features

- \* Laboratory
- \* Field Visit
- \* Guest Lectures
- \* Talk Programs
- \* Extra Curriculum Activities
- \* Good Physical Infrastructures
- \* Educational Tour
- \* Survey Closed Camp
- \* Peaceful and pollution free environment
- \* Earthquake resistant infrastructure
- \* Service with qualified and dedicated teachers and staff
- \* Well equipped laboratories and workshop
- \* National linkages with exchange programs
- \* Research and Project works
- \* Library with sufficient books and reference materials
- \* Supplementary classes for weak students
- \* Scholarship package for deserving students as per CTEVT Rule
- \* Internet and Wi-Fi

## SCHOLARSHIP

Scholarship will be provided as per rule and regulation of CTEVT.

## Our Vision

To exploit the capacity of students in Nepal to contribute in the overall development of the nation.

## Our Mission

Create a learning environment where students discover their hidden potentials and creativity to become successful engineers. We believe that every student is capable of contributing towards a positive social synergy.

## Our Goal

To Produce Qualitative and intellectual and skilled human resource in the technical field who can adhere with the dynamic world where knowledge becomes obsolete as reality changes.



# PROGRAM OFFERED

## CIVIL ENGINEERING

(3 YEARS DIPLOMA AND 18 MONTHS TSLC )

### **What is Civil Engineering?**

Civil engineering is the professional engineering discipline that deals with the planning, design, construction and maintenance of the artificial and naturally built environment. Civil sub engineers supervise bridges, canal, dam, roads and buildings working according to their specific plans and designs. Since they carry and even the responsibility and reliability of the society and even the entire nation, their execution of work should be flawless.



Civil sub engineers have the responsibility to produce safe, economical and environmentally sound infrastructure for the community. They bring the most innovative structures come to life

### **Why choose Civil Engineering at CEC?**

Civil Engineering department of CEC has full time faculties, visiting faculties, part - time professors, lecturers and professionals for providing better knowledge of this discipline. The department arranges guest lecturers, talk programs and seminars with professors and experts of the relevant topic to make sure that your innovations with structures are in perfect blend with the wisdom you gain.

Hence you will inculcate practical knowledge and synchronize them with theories, through frequent field visits and department study tours. In addition to the regular courses in the semester curriculum, students are trained for software that is related to civil Engineering.

### **Career Outcomes**

As a sub Engineer, you can work in various sector such as consulting, project management, structure, transport, geotechnical, water supply, sanitary, hydropower, etc. you can be employed in government agencies, construction firms, power generating authorities, property developers or mining firms. After completion of course, you also get opportunity to establish your own consulting practice.



### **Is Civil Engineering for you?**

If you are interested in any of the following, you may enjoy a career in Civil engineering:

- \* Technology and Construction
- \* How things work
- \* Environment

## **ELECTRICAL ENGINEERING (3 YEARS DIPLOMA AND 18 MONTHS TSLC )**

### **What is Electrical Engineering?**

Electrical engineering is concern with the design, development, planning. Manufacturing and management of electrical system and devices that shapes the modern economics and contributes to the quality of life. Electrical Engineers design, develop and supervise the maintenance of electrical systems that are used for computers, communications and other industrial applications.

### **Why choose Electrical Engineering at CEC?**

To meet the rising demand for Power System Engineers and Renewable Energy Specialists in the country, CEC established its Electrical Engineering Department. The department maintains well equipped lab also manages Training and Project Club, Academic Project Section.

### **Is Electrical Engineering for you?**

If you are interested in any of the following, then you may enjoy a career in Electrical engineering:

- " Working with Modern electrical device
- " Making things work electrically
- " Working with Energy generation and Renewable energy

### **Career Outcomes**

Studying Electrical Engineering will lead you to potential careers in the power industry, manufacturing, mining and bioengineering. Career opportunities are also found in the telecommunication industry, mining and transport sector, computer industries. As an Electrical sub-engineer, graduate, you will find employment in hydropower services industries, large industrial groups as well as small innovative private specialist firms.



### **List of Electives**

- ＊ Micro-Hydro Power
- ＊ Renewable energy Technology
- ＊ Instrumentation & Transducer
- ＊ Electric Drive

### **Laboratory Works on**

- ＊ Electric Circuit Lab
- ＊ Electric Machine Lab
- ＊ Instrumentations and control System Lab
- ＊ Power system Control and Protection Lab
- ＊ Power Electronics Lab
- ＊ Installation Lab
- ＊ Repair and maintenance Lab

## Architecture Engineering (3 Years Diploma )

# What is Architecture?

Architecture shapes our lives. Architecture, as such, is the art of creating and the science of constructing the built environment. Architecture involves the general process of conceptualization, drawing generation, structural consideration, detailed estimate and construction to achieve an ultimate physical form. Architecture comprises a broad array of associated applications as in conservation, planning, interior and landscape designing, product and furniture designing, construction management etc. Architecture is thus an interdisciplinary field that surpasses the conventional boundary between Science, Art and Management. Architecture, in today's context, is the most essential tool for nation building.

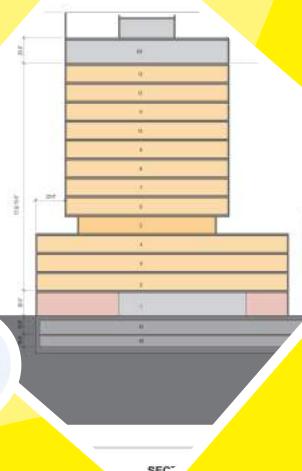
## Is Architecture for you?

Architecture attracts the most creative minds in the world. It is the most diverse and fun-filled subject you can find. Essentially, the following basic aptitude ensures you a better career in architecture:

- \* Imaginative, Creative yet Logical Mindset
- \* Capacity of Verbal and Graphic Expression
- \* Zeal for Art, Drawing and Design

## Career Opportunities

Our country is in urgent need of technical manpower for achieving the national priority of reconstruction. We are in a need of trained architects to build safe, strong and comfortable buildings and sustainable infrastructure. Architects can choose from a wide range of career options: in private and government agencies, planning and conservation projects, housing and real estate, interior design, commercial, institutional and industrial establishments.





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