

## Laboratories

1. Drawing Lab
2. Construction Materials Lab
3. Concrete Technology Lab
4. Survey Lab
5. Strength of Material Lab
6. Engineering Geology Lab
7. Fluid Mechanics Lab
8. Structural Engineering Lab
9. Soil Mechanics Lab
10. Foundation Engineering Lab
11. Rock Mechanics and Rock Engineering Lab
12. Water and Sanitation Lab
13. Transportation Engineering Lab
14. Hydraulic Structure Lab



## Extra Curricular Activities

- ◆ SANKALPA: Annual Civil Engineering Exhibition
- ◆ Civil Insight: A Technical Magazine
- ◆ Civil Engineering Club (KUCEC) Activities
- ◆ Indoor and Outdoor Games
- ◆ Musical Events



## Faculties (Civil Eng. Program)

Dr. Shyam Sundar Khadka, Assoc. Prof., Head of Department  
Dr. Ramesh Kumar Maskey, Professor  
Dr. Prachand Man Pradhan, Assoc. Prof. (On official deputation)  
Mr. Manish Prakash, Asst. Prof., Undergraduate Program Coordinator  
Mr. Ramesh Adhikari, Asst. Prof., (On study leave)  
Mr. Suman Shrestha, Asst. Prof.  
Mr. Santosh Chaudhary, Asst. Prof.  
Mr. Kameshwar Sahani, Asst. Prof.  
Mr. Mahesh Raj Bhatt, Lecturer  
Mr. Raju Bhele, Lecturer  
Mr. Shiva Prasad Timalsina, Lecturer  
Mr. Sujan Karki, Lecturer  
Mr. Sudip Bajagain, Teaching Assistant  
Ms. Jenisha Dumar, Teaching Assistant  
Mr. Prawal Keshar Khatri, Teaching Assistant

## Lab Technician

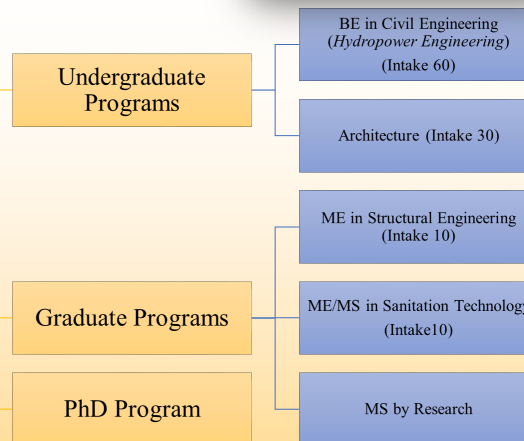
Mr. Shyam Mahaju

## Administrative Staff

Mr. Shivaji Dhakal



## Department of Civil Engineering



## For Detail Information Contact

Department of Civil Engineering  
Block No. 11 : Yamaji Block  
Website: <https://civil.ku.edu.np>  
Email: [office\\_civil@ku.edu.np](mailto:office_civil@ku.edu.np)  
Phone No.: 11-415100 Ext. 1109



**KATHMANDU UNIVERSITY**

*"Quality Education for Leadership"*



**Department of Civil Engineering  
School of Engineering**

**Program Information**

**B.E. IN CIVIL ENGINEERING**

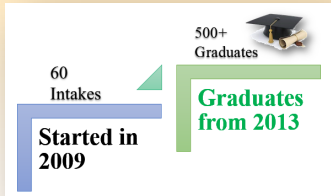
*(Specialization in Hydropower Engineering)*

**Admission Open  
For Year**

**2023**

## About Department

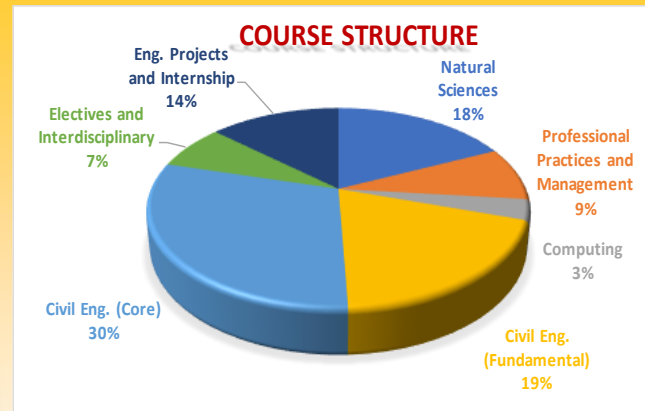
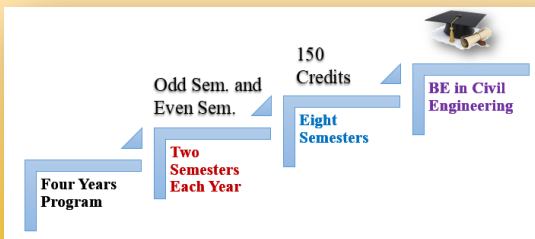
Department of Civil Engineering (DCE) was established in 2009 (under the name Department of Civil and Geomatics Engineering). The department runs BE in Civil Engineering and Bachelor in Architecture programs. The department also offers ME in Structural Engineering, ME/MS in Sanitation Technology, MS by Research and PhD programs. As the University slogan reads “Quality Education for Leadership”, ever since the establishment of our department, we are primarily focused on the alignment to achieve the excellence.



## BE in Civil Engineering

Civil engineering encompasses branches of engineering science to develop and maintain sustainable infrastructures. It covers a wide range of specialized fields that address all the above mentioned issues. Hydropower Engineering is the specialized field of civil engineering that requires multi-disciplinary knowledge of science and technology. Nepal's present goal is to build hydropower projects for economic and social development. The vision is to install 25 GW in twenty years. This objective must be addressed from all levels.

To increase the in-house capacity implementation of technically sound plans, designs, operations and maintenance of hydropower plants is essential. Kathmandu University aspires to proactively produce proficient engineers to meet national development challenges. Students enrolled in this program will benefit from the exceptional quality of education and will also enjoy the wonderful nature and pollution free learning environment at Dhulikhel.



## Key Features

- 1. Project Works:** Project works in almost all the semesters are provided to our students making them learn the real engineering practice through innovative idea hunting within themselves.
- 2. Internship:** The final semester in the program is specifically designed for the internship. During internship students will gain practical knowledge and experience at the construction site.
- 3. Updated Syllabus:** Each course is designed with special care such that the students would be experts in the design and construction sectors of hydropower, structure and other areas of civil engineering.
- 4. Lab Works:** Courses are designed with the lab works so that students will have practical knowledge of the course for better understanding.
- 5. Field Visits:** Field visits as per the need of courses are carried out for visualization and better understanding of the different projects and its components at the site.



## Career Opportunities

- ◆ Hydropower Industries
- ◆ Infrastructure Projects
- ◆ Governmental Organizations
- ◆ Consulting Firms
- ◆ Construction Companies
- ◆ NGO's and INGO's
- ◆ Academia
- ◆ Research Centers and others



## Admission Eligibility

- Must have passed with the subjects PCM (Physics, Chemistry and Mathematics) in both XI and XII (or equivalent) with a minimum aggregate GPA of 2.0 or Aggregate 50% in percentage scale.
- Must have appeared in KUCAT-CBT 2023 and obtained the required threshold score in the test.



## Scholarships

- Entrance Topper Scholarship
- Need Based Scholarship
- Merit Based Scholarship



## Program Cost

The total cost of the program is per the KU rules which needs to be paid in total of 16 installments.