

RAMKRISHNA MAHATO

Civil Engineer

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OBJECTIVES

- To apply my academic knowledge and foundational skills in civil engineering to real-world projects, ensuring quality and sustainability in construction while gaining valuable experience and evolving as a competent and dedicated professional.
- To build a solid foundation in civil engineering by actively engaging in diverse and challenging projects, while contributing to the organization's success through my commitment, technical skills, and enthusiasm for continuous learning.

PROFESSIONAL SKILLS

- **Technical Skills:** Knowledge of Construction methods, Effective Communication and Documentation, Drafting, Quantity Estimation, Planning, BBS
- **Software Skills:** AutoCAD, CIVIL3D, QGIS, HEC-RAS, ETABS, SAP2000, Google Earth Pro
- **Microsoft Office:** MS Excel, MS PowerPoint, MS Word

LANGUAGE

- English
- Nepali
- Maithili
- Hindi

ACADEMIC EXPERIENCE

Likhu 1-(77 MW) and Likhu 2-(55 MW) Hydropower Project – Solukhumbu, Nepal

Intern/trainee Engineer

- Supervision in the construction of trench weir
- Seepage control of collection pool, tailrace and headrace tunnel
- Shotcreting and cement grouting at HRT, vertical shaft, gantry construction in tunnel and quality control work.
- Supervision in concreting of Switchyard

Final Year Project (Study of Hydroelectric Potential of Chepe River) – Lamjung, Nepal

- Hydrological Analysis of Chepe River
- Hydraulic Design of headworks, headrace tunnel, surge shaft and penstock
- Stability Analysis of Weir and Under Sluice
- Stability Analysis of Anchor Block

EDUCATION

School Level / SLC – <i>Lahan, Siraha, Madhesh Province, Nepal</i> Little Star English School	07/2015
+2 College – <i>Kumaripati, Lalitpur</i> Prasadi Academy Secondary School	08/2017
B.E. in Civil Engineering (Specialization in Hydropower) - <i>Dhulikhel, Kavre</i> School of Engineering, Kathmandu University	06/2023

NON-ACADEMIC EXPERIENCE

Event Administrator – Sankalpa’ 22 - Annual Civil Engineering Expo	2022-2023
Advisor of Kathmandu University Youth Red Cross Circle	2022-2023
President of Kathmandu University Youth Red Cross Circle (KUYRCC)	2021-2022
Sponsor Team Member – Sankalpa’ 21: Annual Civil Engineering Expo	2021-2022
Vice-President of Kathmandu University Red Cross Circle (KUYRCC)	2019-2021
Executive Member of Kathmandu University Civil Engineering Club (KUCEC)	2019-2020
Executive Member of Kathmandu University Youth Red Cross Circle (KUYRCC)	2018-2019

CERTIFICATION

Nepal Engineering Council (NEC): Engineering License: - [NEC REGD. NO. 82946](#)

REFERENCE

Associate Prof. Dr. Shyam Sundar Khadka
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