

AASHISH DEO

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A Civil Engineering Graduate (Specialization in Hydropower) at School of Engineering, Kathmandu University with good problem-solving skills and interest to learn, seeking for opportunity that embraces innovation and creativity in the field of Civil engineering.

EDUCATION

- 2013
DAV School, Biratnagar, Morang SLC
Percentage-80.75%
- 2013-2015
HSEB, Pentagon International College Tinkune ,Kathmandu
Percentage- 76.20%
- 2015-2019
B.E Civil, School of Engineering, Kathmandu University, Dhulikhel, Kavre,
CGPA-3.28 out of 4

ACADEMIC PROJECTS

- Scaled Model of Ogee shaped Spillway along with Radial Gates.
- Scaled Model of Bascule Bridge (London Tower Bridge).
- Topographic map and levelling of Kathmandu University premises.
- Topographic map, levelling and Bridge site survey at UDTC, Pokhara.
- Transient analysis of Proposed Pump Storage Hydroelectric Project of Rupa Begnas lake with the help of built prototype.
- A Structural model of a component (Dam) of Sunkoshi Hep (10.05 mw).
- Potential Study of Solu Khola (Dhudh Koshi) Hydroelectric Project (SKDKHEP), Solukhumbu, Nepal.

SKILLS

- Team Leadership
- Excellent communication skills
- Multitask handling
- Technical writing skills
- Microsoft Office (Word, Excel, PowerPoint)
- CAD (2D & 3D)
- Structure Analysis Software (SAP)

- Sketch Up
- GIS software (ArcGIS)
- Remote Sensing

PARTICIPATION AND ACCOMPLISHMENTS

- 40- Hours CAD Training Course (AutoCAD 2D,3D and SketchUp) organized by Kathmandu University Civil Engineering Club.
- Basic SAP training organized by Kathmandu University Civil Engineering Club.
- Organizer at Talk Program in the topic “Infrastructure Development in Nepal and role of Civil engineers”
- Performed Community work related to Basic Construction Methodology of Earthquake resilient structure
- **DCE, Kathmandu University** – Dhulikhel, Kavre

As a student I gained experience in field surveying and mapping in survey camps (15 days). I worked with my group to fulfill the requirements of the camp.

- Prepared topographic map of field site in UDTC, Pokhara.
- Done Bridge Site Survey and Survey regarding Road alignment
- Submitted graphs and paper maps of the area according to the requirements
- **KUCEC, Kathmandu University** – Dhulikhel, Kavre
 - Organizer at Annual Civil and Architecture Expo (SANKALPA'18).
 - Actively participated and organized club meetings and programs.
 - Done technical writing works during my tenure.
- **Internship at Solu Khola (Dhudh Koshi) Hydroelectric Project (SKDKHEP), Solukhumbu, Nepal**
 - Supervised the different hydraulic structure during its construction phase.
 - Supervised the placement of supporting structures inside the Tunnel.
 - Quantity (Quantity of concrete, Steel) analysis while the construction of hydraulic structure.
 - 3D drawings of powerhouse, weir, Settling Basin with the help of 2D drawings.
 - Analysis of drawing used in the project as per the contract

PERSONAL DETAILS

- Date of Birth : July 24th , 1998
- Marital Status : Single
- Gender : Male
- Nationality : Nepali

- Language : Nepali, English, Hindi, Maithili

REFERENCES

1. Associate Professor Dr. Prachand Man Pradhan
Head of Department, Civil Engineering
Kathmandu University, Dhulikhel
E-mail: prachand@ku.edu.np
2. Professor Dr.-Ing Ramesh Kumar Maskey
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