

MAHENDRA KUMAR SIJAPATI

CIVIL ENGINEERING GRADUATE

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PROFILE

Civil Engineering graduate from, Institute of Engineering, Thapathali Campus, Tribhuvan University with a strong academic record (76.96% aggregate). Brings practical academic exposure to structural analysis and design, geospatial mapping, watershed and hydrological modelling, and engineering data analysis. Recognized through the Golden Jubilee Scholarship, semester-topper achievement, technical competitions, and participation in water-security and hydropower-focused learning activities. Seeking an entry-level civil engineering opportunity where technical foundations can be developed through supervised project work.

TECHNICAL SKILLS

Structural design:	AutoCAD; ETABS; structural analysis and design fundamentals
Geospatial and water:	ArcGIS; SWAT; watershed and hydrological modelling fundamentals
Data and productivity:	Microsoft Excel, including advanced spreadsheet techniques
Professional strengths:	Technical presentation; teamwork; analytical problem-solving; continuous learning

EDUCATION

Bachelor of Civil Engineering | Tribhuvan University, Institute of Engineering, Thapathali Campus, Kathmandu

76.96% aggregate | Golden Jubilee Scholar, Embassy of India | Semester topper: 88.43% in first-year second part

Higher Secondary Education (+2 Science) | Khwopa Secondary School, Bhaktapur | Batch 2077-78 | GPA 3.78

Secondary Education Examination (SEE) | Bagiswori Secondary School, Bhaktapur | GPA 3.90

ACADEMIC PROJECT

Hydropower Potential of the Arun River Basin under Climate Change Scenarios

Final-year project presented at the 4th Thapathali Graduate Conference, Institute of Engineering, Thapathali Campus.

CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

- Advanced Excel Course (10 days), organized by CESS, Thapathali Campus.
- Measuring Urban Water Security workshop, ABCD Centre, Asian Institute of Technology, Institute of Engineering, and Center of Research for Environment, Energy and Water, Nepal (14 August 2026).
- Certificate of Appreciation for outstanding academic performance, Institute of Engineering, Thapathali Campus.

AWARDS AND ACHIEVEMENTS

- Golden Jubilee Scholarship 2022-23 (21st batch), Embassy of India, for pursuing BE/B.Tech in Nepal.
- 1st place, BE Intra-College Model Competition, Yathartha 2082.
- 1st place, Paper Bridge Competition, Yathartha 2081.
- 2nd place, Mix Design Competition, Yathartha 2082.
- 3rd place and Popular Choice Award, BE Inter-College Model Competition, Yathartha 2082.
- Participant, AADHAR 2082 Inter-College BE Model Competition, organized by CESS Nepal at Pulchowk Campus.

LANGUAGES

Nepali | English