

RABIN GIRI

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Professional Summary

During my undergraduate studies in Civil Engineering, I developed a strong interest in how engineering can contribute to sustainable infrastructure and effective water management. Academic laboratory work strengthened my analytical, experimental and technical writing skills. I am seeking admission to a Master's programme in Water Resources Engineering.

Education

Bachelor of Civil Engineering

2020–2025

Nepal Engineering College (Affiliated with Pokhara University)

CGPA: 3.41/4.00

Academic Projects

Evaluation of Crack Sealing Performance in Concrete with Various Healing Agents

- Investigated self-healing concrete using gypsum, epoxy resin, encapsulated epoxy and fly ash with coir.
- Conducted compressive strength testing, crack-healing evaluation and prepared a technical report and research manuscript.

Comparative Quality Assessment of Five Commercial Cement Brands in Nepal

- Evaluated five cement brands using fineness, setting time and compressive strength tests.
- Compared engineering performance based on laboratory results.

Technical Skills

Software AutoCAD (Advanced), ArcGIS (Intermediate), ETABS (Intermediate), MS Word, Excel, PowerPoint

Laboratory Cement Testing, Concrete Testing, Compressive Strength Testing, Setting Time, Fineness Testing, Experimental Research, Data Analysis

Certification

AutoCAD Training – Nepal Engineering College (10 Days)

Languages

Nepali (Native), English (IELTS 6.5, PTE 62), Hindi (Conversational)

Research Interests

Water Resources Engineering, Hydrology, GIS Applications, Watershed Management, Sustainable Water Infrastructure.