

CIVIL ENGINEER

Badri Karki

A person with full enthusiasm, hardworking, leadership, a never-give-up attitude, hardworking and broad knowledge of civil engineering and research and organization abilities. Willing to give my full dedication and serve. Also, have a keen interest in reading, writing, and researching, and is highly passionate about the field of social service activities and leadership.

ACHIEVEMENTS

Best Program Coordinator at International Leo Leadership Training

First Runners Up at College Speech Competition/2014

Winner at Inter School Debate Competition/2012

EXPERIENCE

Project Engineer

Bhimeshwor Drilling Tatha Nirman Sewa Pvt. Ltd. / Tulsipur, Dang / July, 2022 - Present

Civil Researcher

Entegra Sources Private Limited / New Baneshwor, Kathmandu / January, 2022 - June, 2022

Civil engineer

Sindhuli District Hospital / Sindhuli / July, 2021 - July, 2022

President

Answer Alumni Association of Eastern Nepal / July, 2020 - July, 2021

Region Chairperson

Leo District Council 325A1 / Nepal / July, 2020 - July, 2021

Central committee member

Forum For Technical student / Nepal / January, 2020 - January, 2021

TRAINING/CERTIFICATIONS

Autocad Training/2019

Revit Training/2020

Sketchup Training/2019

Etabs/2021

CONTACT

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AWARDS

Best Region President Award

Leo District Council 325A1 / 2021 / Nepal

Outstanding Zone Chairperson Award

Leo District Council 325A1 / 2020 / Nepal

Best Project Award

Socialists Club of ERC / 2019 / Dharan

SKILLS

- AutoCad, Sketchup, Etabs, Revit - Experienced
- Public Speaking - Expert
- Team Management and Leadership - Expert
- Content Writing, Blogging - Experienced
- Microsoft office skill - Expert
- Relationship Building and Networking - Expert

LANGUAGE

Nepali ● ● ● ● ●

English ● ● ● ● ○

Hindi ● ● ● ● ○

EDUCATION

Bachelor's Degree in Civil Engineering

TU, IOE - Purwanchal Engineering Campus, Dharan / Dharan / December, 2016 - May, 2022

+2

Kamala Science Campus / Sindhuli / April, 2014 - April, 2015

Secondary Level

Sindhuli Vidhyashram English Secondary English School / Sindhuli / June, 2010 - June, 2013

PROJECTS

Comparative study of RCC Fixed building with base isolation building (Final year Project) 2021

The project is based on a comparison between medium-rise buildings and base isolation buildings. In comparison we have seen that for building with base isolation; base shear decreases by 28.5%; similarly, story drift, and displacement are considerably reduced due to the higher time resulting in lower acceleration acting on the structures.

Utilization Of Demolished Waste In New Construction 2020

The basis of the project is the use of demolition debris in new building. Fresh aggregate can be substituted with demolished rubbish. Good compressive strength for concrete with 50% new aggregate and 50% recycled aggregate. superior physical, mechanical, and thermal qualities to regular concrete. Utilizing trash from demolished buildings lowers the overall cost of construction.

Earthquake Simulator Model (Test Of Fixed RCC & Roller-Based Support) 2019

Since the project's foundation is the demonstration of an earthquake simulator model. The two models of fixed RCC and roller-based support are made, and this is done dynamically. Both the models and the app are subjected to a seismic wave for testing. By doing so, we discovered that the roller support was subject to a greater seismic wave than the permanent RCC building by a factor of more than 50%.