

# SUJAN PAUDEL

## Contact Details

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## Technical Skills

**Modelling software:** AutoCAD

**Analysis software:** ETABS

**Microsoft Office package:** Microsoft Word, Excel, Access

**Survey Analysis Tool:** AutoPlotter

## Achievements

- Scholarship to study B.E in Civil engineering in BMSCE, through COMPEX Scholarship Scheme by embassy of India.
- Certification of merit in recognition of good academic performance in 6<sup>th</sup> semester of Civil Engineering.

## Extracurricular Activities

- Organising committee for NIRMAAN-2019, International Civil Engineering Student Symposium.
- Volunteer for Civil Department BMSCE phase shift-2018.

## Trainings

- One week training session on use of ETABS for Analysis of Building under various loads.
- Use of Total Station for survey of land terrain and preparation of contours on AutoPlotter.

## Work Experience

- Intern as a Site Engineer for supervision of construction of Health Post on Infra Support Engineering Consultant, Bangalore.

## Academics Details

2016 - 2020

**Bachelor of Civil Engineering,**  
BMS College of engineering,  
Bangalore, India  
CGPA:- 9.54/10

2014 - 2016

**High school, Physical science,**  
Kathmandu Model College,  
Bagbazar, Kathmandu, Nepal  
Distinction, 85%

## Projects

### Concrete Technology

- Mix design of Concrete used for construction and its properties were determined.
- Use of Construction and Demolished waste to prepare Concrete mix.
- Preparation of Self Compaction Concrete and determination of its properties.

### Extensive Survey, Melokute Area

- Use of Total Station to survey the area and find out its features.
- Use of Plane Table and Auto Level for survey of existing highway for its expansion.

### Hydrological analysis, Neligudde Kere:

- Delineation of Catchment Using Toposheet.
- Annual Runoff Estimation of Catchment Area.

### Soil Mechanics:

- Conducted various test on a soil sample to determine its index properties.
- Determined Factor of Safety of a cutting slope by the method of slices using trial slip circles.

### Design of Building:

- Analysis and Structural Design of Earthquake Resistant Building using ETABS as Final Year Project.
- Reinforcement Detailing of Building.