



# Yogesh Sharma Neupane

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## ● ABOUT ME

I am Yogesh, a civil engineer currently pursuing my Masters in Hydropower Engineering who is deeply committed to learning and driven by a passion for sustainable development. Highly concerned about green energy, I engage in projects, design, and lead by example.

## ● EDUCATION AND TRAINING

16 MAY 2023 – CURRENT Lalitpur, Nepal

**MSC IN HYDROPOWER ENGINEERING** Pulchowk Campus

**Website** <https://pcampus.edu.np/> |

2017 – 2022 Lalitpur, Nepal

**BACHELORS IN CIVIL ENGINEERING** Pulchowk Campus

Possess expertise in analytical problem-solving, mathematical modeling, and coding  
Strong foundation in technical drawing, engineering economics, fluid dynamics, structural design, transportation analysis, land surveying, and water treatment.  
Excel in communication, problem-solving, critical thinking, and collaborative teamwork  
Time management, Attention to detail, Project awareness, Adaptability, Analytical thinking, Report writing

**Website** <https://pcampus.edu.np/> |

**Field of study** Transportation, Hydropower, Structure, Construction, Economics, Water Resources |

**Final grade** 79.67%

2015 – 2017 Yogikuti, Nepal

**HIGH SCHOOL** Tilottama Campus

**Website** <https://tilottama.edu.np/u> | **Field of study** Natural sciences, mathematics and statistics |

**Final grade** 82.60%

2015 Butwal, Nepal

**SLC** Everest English Boarding School

**Website** <https://www.everest.edu.np/> | **Final grade** 89.75%

## ● WORK EXPERIENCE

4 MAR 2023 – 5 MAY 2023 Lalitpur, Nepal

### SITE ENGINEER / SURVEYOR ENGINEERING AND PLANNING SOLUTION CONSULTANT (P) LTD

- Completed successful topography surveys using Total Station equipment for Prakashpur Water Supply Project (Sunsari district) and Khayarghari Kerawari Water Supply Project (Morang district), covering 60+ kilometers.
- Utilized AutoCAD and ArcGIS for precise map creation.
- Conducted Meetings, social surveys and new source location

**Department** Civil Engineering Consultancy Service | **Email** [info@epsconsultant.com.np](mailto:info@epsconsultant.com.np) |

**Website** <http://www.epsconsultant.com.np/>

SEP 2022 – NOV 2022 Lalitpur, Nepal

### CIVIL ENGINEER NIYATRA CONSULT PVT.LTD

- Conducted surveys, assessed soil, evaluated water sources, and identified potential new sources in districts including Hetauda, Dang, Palpa, Nawalparasi, Syangja, and Rauthahat.
- Utilized AutoCAD, ArcGIS, Excel, Project, and Google Earth for data analysis and mapping.
- Facilitated meetings with water organization officials and committees.
- Coordinated with the FWSSP Project Manager to ensure project goals were met.
- Conducted water tests, provided recommendations for quarry sites and materials.

**Department** Civil Engineering Consultancy Service | **Email** [niyatraconsult@gmail.com](mailto:niyatraconsult@gmail.com) |

**Website** <http://www.niyatraconsult.com.np/>

9 MAY 2022 – 29 JUN 2022 Palpa, Nepal

### SURVEY ENUMERATOR CMS-ERMC

- Study the energy consumption of Palpa district
- Conduct Questionnaire surveys in 6 different Sectors
- Prepare physiographic and socio-economic report of the district

**Business or Sector** Professional, scientific and technical activities | **Department** CMS Engineering Consult |

**Email** [cms@cmsnepal.org.np](mailto:cms@cmsnepal.org.np) | **Website** <https://cmsnepal.org.np/>

JUL 2022 – JUL 2022 Tansen Palpa, Nepal

### SURVEYING AND PLANNING ENGINEER TANSEN WARD- 9

Conducted total station surveying, leveling, and cross-sectional profiling for a new ring road route in Tansen 9, Palpa, Nepal.

Facilitated community connectivity and planning for improved local infrastructure.

## ● LANGUAGE SKILLS

Mother tongue(s): **NEPALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C1	C1	C1
<b>CHINESE</b>	A2	A2		A2	
<b>HINDI</b>	C2	C2	C1	C1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● ADDITIONAL INFORMATION

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### TRAINING AND EXPERIENCES

14 JUN 2023 – 21 JUN 2023

#### **Assessment of Climate Change Impacts on Hydropower Potential**

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- Hydrological Modeling (SWAT): Simulating water systems for climate change impact assessment.
- Climate Change Projections (CMIP6): Analyzing future climate data for hydropower planning.
- Interdisciplinary Understanding: Grasping connections between climate, hydrology, and water management
- Extensive use of ArcGIS, SWATCUP, SWAT, MS EXCEL and MS ACCESS

18 JUN 2022 – 28 JUN 2022

#### **Virtual Internship course in Civil Engineering**

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Completed Virtual Internship course conducted in Forage from leading construction company JOHN HOLLAND

8 JUL 2022 – 12 JUL 2022

#### **Excel data Analysis Masterclass with Excel Dashboards**

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Virtual Course offered by Data is good Academy

10 JUN 2022 – 26 JUN 2022

#### **Excel 2019 Essential Training**

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Training from with Excel Expert Dennis Taylor through LinkedIn Learning

17 DEC 2021 – 16 JAN 2022

#### **A month Long Workshop on Django**

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Basics of Object Oriented Programming on Python and a full course on Django web development offered by PDSC

JUN 2021 – JUN 2021

#### **Etabs , AutoCAD, MS Project Training Course and Content writing workshop**

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Organized by CESS Nepal with the assistance of Department of Civil Engineering, Pulchowk Campus Structural design and analysis in ETABS, 2D and 3D drafting in AutoCAD Project Planning and scheduling, Resource Management , and creating engaging and informative content

#### **Mandarin HSK1 and HSK2 Training**

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Offered by Peaking University through Coursera

### PROJECTS

AUG 2023 – SEP 2023

**Hydrological Study Report on Humla Karnali Hydropower Project** Analysis of long-term hydrology at the proposed site.

Analysis of low flow hydrology at the proposed site.

Analysis of flood hydrology at the proposed site.

**Design of Earthquake Resistant Hospital Building under the supervision of Professor Dr. Gokarna Bahadur Motra**

**Engaged in study and demonstration of Traffic Volume Survey, pedestrian survey, Parking Survey, and Road Safety Survey of Kathmandu Valley**

**Demonstrated the Business idea on the theme Food for Good in Hult Prize**

**Study and demonstration of waste water treatment plant and use of hydroponics plants in sewage treatment**

**Feasibility Study and demonstration of use of bamboo as reinforcing material in building.**

**Feasibility study and model demonstration of monorail in Ring Road, Kathmandu**

## HONOURS AND AWARDS

2023

**Certificate of Appreciation in recognition as a speaker – CESS Nepal, Pulchowk Campus**

28 JUN 2022

**Certificate of Completion of Virtual Internship in Civil Engineering – JOHN Holland** Concrete Take-Off and Subcontract Rate Comparison  
Design and Installation  
Testing and commissioning

26 JUN 2022

**Certificate of Completion of Excel 2019 Essential Training – LinkedIn Learning** Data Management  
Formula and Function Proficiency  
Data Visualization  
Data Analysis  
Efficient Spreadsheet Workflow

JUN 2022

**Certification of Achievement on clearing Civil Engineering online Quiz – Ninth Sem**

27 JUN 2022

**Certification of Completion of Investment Banking Virtual Experience – JP Morgan** Find some M&A targets  
Target information and auction process  
Financial analysis – run the numbers  
Provide an investment recommendation

2022

**Certificate of Appreciation by Red Cross Society Nepal – Red Cross**

25 JUN 2022

**Certificate of Completion of Emergency Preparedness and Response – UNICEF** Crisis Management  
Risk Assessment  
Coordination and Communication

2022

**Certificate of Participation in a month-long workshop on Django – PDSC** Django Web Development  
Python Programming for Web Applications  
Creating Dynamic and Interactive Web Pages

2021

**Certificate of Gold Medal – Cess Nepal, Pulchowk Campus** Internal Model Competition, 10th National Civil Engineering Exhibition cum Competition 2076

3 JUL 2021

**Certificate of Appreciation – Nepal Youth For Climate Action, CESS Nepal** Valuable role on organizing the panel discussion on  
**Extraction of Natural Construction Materials: Destruction or Development?**

2021

**Certificate of Winner – Sankalpa Kathmandu University** Gold Medal on national level Civil engineering modal competition, Sankalpa KU, Dhulikhel  
Hydroponics in the waste management

5 DEC 2020

**Certificate of Participation – Hult Prize** Theme: Food for Good  
Social Entrepreneurship  
Innovation and Problem-Solving  
Project Management  
Sustainable Business Models  
Collaboration and Teamwork

2020

**Certificate of Appreciation and Participation – CESS Nepal. Pulchowk Campus** Appreciation for effective role of Volunteer leader  
Participation in exhibition competition on the topic, Monorail in Nepal

2015

**Merit Based Two-Year Scholarship – Tiilottama Campus** Full scholarship awarded for 10+2 level studies due to achieving the third rank in the entrance examination and outstanding performance in SLC exams.

2017

**Excellence Education Award – Tilottama Campus** Recipient of the Excellence Education Award from Tilottama Campus for achieving an exceptional 82% score in higher education (+2).

2017

**Excellence Education Award – Sangam Saving Cooperative Ltd**

2015

**Excellence Education Award – Everest English Boarding School** Recipient of the Excellence Education Award presented by Everest English Boarding School for attaining an impressive 89.75% score in the School Leaving Certificate examination.

2015

**Silver and Bronze Medals – Everest English Boarding School** - Bronze Medal: School-Level Math Competition

- Bronze Medal: 100m Race

- Silver Medal: Quiz Competition at Everest Boarding School

**Recipient of Full Scholarships (Grade 4-8) – River valley English School** Awarded consecutive full scholarships by River Valley Secondary School in Palpa, Nepal, for academic excellence and outstanding performance from grade 4 to grade 8.

## **CONFERENCES AND SEMINARS**

19 MAY 2023 – Lalitpur, Nepal

**Building a Sustainable Future: Addressing Climate Change, Gender Issues, and a Green Economy**

Organized by Nepal Engineers' Association, Women Engineers Coordination and Welfare Committee (WECWC)

18 MAY 2023 – Lalitpur Nepal

**29th NGS Day Celebration Program** Nepal Geotechnical Society

## **COMMUNICATION AND INTERPERSONAL SKILLS**

**Microsoft Office** Word, Excel, PowerPoint, Project

**Programming Tools** C, Python, PHP, HTML, CSS, and Fortran

**Drafting and Modelling** AutoCAD, Civil 3D, SAP2000, Sketchup, ArcGis, SWAT, HEC-RAS, HEC-HMS

**Project Management** Working as a Team, Leading Group, Risk analysis, Project Scheduling, Resource Management

**Organizational Skills** Preparation of bills, Procurement, Preparing Reports, Research, and analysis