

Curriculum Vitae (CV)

1. Name:	Prajwal Bhandari
2. Current Address:	Koteshwor, Jadibutti, Kathmandu-32
3. Date of Birth:	8 th July, 1998
4. Citizenship:	Nepalese
5. Profession:	Civil Engineer

6. Education:

Name of Institution	Degree	Date
Institute of Engineering, Eastern Region Campus, Dharan, Nepal	Bachelor of Engineering in Civil Engineering	2022
Ambition Academy, Mid Baneshwor, Kathmandu, Nepal	+2 Science, Maths	2017

7. Membership of Professional Associations:

- Member, Nepal Engineering Council (Reg. No. 32913 Civil "A")

8. Other Trainings:

- Entrepreneur Boot-Camp**, under 4th National Social Business Challenge 2019 by Yunus Social Business Centre on 30th May 2019 in Dharan
- 7 days Online Sap 2000 Workshop**, by Leo Club of Kathmandu University, Kavre, September 2020
- A two days' workshop on Climate Resilient Agriculture**, organized by YPARD Nepal on 2nd and 3rd February, 2019 at Institute of Engineering, Purwanchal Campus Dharan
- 15 days' workshop on Municipal Building Drawing and Basic 3D Modelling** by Civil Engineering Students Society, August 2021
- 3 Day training on HDM-4, GIS application and Traffic survey**, by DoR, DLA-ECIL-TMS, February 2023

9. Countries of Work Experience: Nepal

10. Achievement:

- Winner** of "Smart City Modelling Competition" CAN INFOTECH MORANG 2019 at Biratnagar
- Won **Bronze Medal** at **National Young Scientist Conference 2019**, Kathmandu for Smart Waste Management Idea Project
- "**Runner Up**" of Thematic "**Project Demonstration and Competition**" at DELTA 1.0 Technical Fest at Institute of Engineering, Eastern Region Campus Dharan.
- Best Presenter Award** for **Poster Presentation** at Interdepartmental Poster Presentation Program by Research Management Cell, IoE ERC (Hydropower Project)

11. Languages:

	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Nepali	Native	Native	Native
Hindi	Good	Good	Good

12. Employment Record:

From	To:	till date
June 2022		
Employer	Total Management Services Pvt. Ltd.	
Position Held	Civil Engineer, Officer Business Development/ Implementation	

Details of Tasks Assigned:

Name of Assignment or Project: Master Plan for Road Connectivity; **Location:** Kathmandu, Nepal.; **Year:** June. 2022 to till date ; **Client:** Project Directorate ADB, Department of Roads; **Main Project Features:** Prepare Priority Investment Plan for Department of Roads; **Position Held:** Civil Engineer; **Activities Performed:** Responsible for, IRI Survey, Database management for HDM-4 calibration and input, GIS application on Road Network

Name of Assignment or Project: Topographic Survey for Preparatory Survey on Intersection Improvement Project in Kathmandu; **Year:** Aug. 2022 to till date; **Location:** Kathmandu, Nepal; **Client:** JICA; **Main Project Features:** The objective of the Project is to alleviate serious traffic congestion by constructing a flyover or an underpasses at Koteshwor intersection.; **Position Held:** Civil Engineer; **Activities Performed:** Responsible for inspection of Topographic Survey(DGPS), map data collection and processing of existing structures from different government agencies for Desk Studies

13. Research work

- Presented and demonstrated project titled "**Information Technology Facilitated Waste Management System**" at National Young Scientists Conference 2019, developed and tested composite paving tile with recycled plastic and use of internet technology for improved waste management
- "**Feasibility Study of MEWA Khola Hydro Power Project**" as partial fulfillment to Bachelors Degree, focus of this study was to find out the technical and financial viability of power generation from the small hydropower site and design of different components,
- Collaborated with lecturer Asst. Prof. Dak B Khadka to produce research titled "**Effects of Bed Materials to Flow Characteristics on Open Channel and Gradually Varied Flow Simulation Using Genetic Algorithm (GA)**" and publish on European Journal of Applied Science, developed python script to generate flow simulations and apply it to different bed conditions

14. Certification

I, the undersigned, certify to the best of my knowledge and belief, this CV correctly describes my qualifications and my experience.



[Signature]

Date: 20/02/2023
Day/Month/Year