

Brief Biography

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Professional Experience

- **Dec 2011-Date: Institute of Engineering, Pulchowk Campus, Pulchowk, Lalitpur, Nepal**

I have been working as a *Lecturer* in the Department of Civil Engineering. My responsibilities include taking theoretical/practical and elective courses related to Transportation Engineering for BE students, guiding the final year students in their transportation related project works and taking *Traffic Engineering and Urban Transportation related courses* for Masters level students.

I have been working as a *program coordinator for M.Sc. in Transportation Engineering* in the Department of Civil Engineering, Pulchowk Campus since Aug. 2012. I am responsible for overall management of the program including guiding the students in their research work.

- **Feb 2013-Feb 2018 SITARA Consult Pvt. Ltd.**

I was involved in various transportation infrastructure related consulting works for various government organizations through SITATA Consult Pvt. Ltd. Since 2013. Some of the key works carried out with different responsibilities are:

Project Director for preparation of *District Transport Master Plan (DTMP) for Kathmandu, Lalitpur and Bhaktapur* district under RTI Swap, DoLIDAR, Nepal.

Team Leader (Highway/Transport Engineer) for Detailed *Engineering Survey, DCP Test, Design of Road, Concise IEE study and DPR Preparation of Lamasangu- Jiri Road* .

Team Leader (Highway/Transport Engineer) for Detailed Engineering Survey and Design of Highway and Other Structures (for upgrading to the Black Topped Standard) and Preparation of Detailed Project Report of Burtibang-Pathihalna Section (46 Km) in Baglung District and Patihalne-Rukumkot Section, 46 Km in Rukum District of Mid Hill Highway Project.

Team Leader/Highway Design Engineer for Detailed Engineering Survey, Design and Report Preparation of Nepalgunj Baghanda Road, Nepalgunj (44 Km) in Banke District of Postal highway Project.

Team leader and transportation expert for the Feasibility Study and Topographic Survey of the ICD at Dodhara-Chadani Area and Development of a Conceptual Plan.

- **Oct. 31 to Nov 4, 2012** **District Road Support Program (DRSP)**

I was one of the resource persons mainly responsible for conducting training on flexible pavement design for the engineers of DoLIDAR on the training workshop titled “*Pavement Structure: Cobble Pavement for Rural Roads*” organized by DoLIDAR and supported by District Road Support Program (DRSP).

- **Jul. 2004 – Dec 2011:** **Advanced College of Engineering and Management (acem),
Kupondol, Lalitpur, Nepal.**

I started working as a **Lecturer** and later as **Head of Department** in the **Department of Civil Engineering, acem** till Aug 17, 2011. My specific responsibilities were to take theoretical and practical classes related to Transportation Engineering I & II for BE students and Highway Engineering I & II for Diploma students, to advise students of Diploma III year in their Highway Project Work. I was fully responsible in conducting the Civil Department related managerial work.

- **Nov.1997 – Jul. 2001: Western Region Campus (WRC), Lamachour, Pokhara, Nepal**

I started working as a Lecturer in the Department of Civil Engineering, WRC and later was given the responsibility of Deputy Head of Department. My major responsibilities include taking theoretical and practical classes related to Highway Engineering I & II for Diploma students, advising students of Diploma III year in their Highway Project Work, and instructing students in Survey camp. As the Deputy Head of Department, I had to assist Head of Department in conducting the Civil Department related managerial work.

- **1999–2000:** **Machhapuchhre Consultancy, Mahendrapool, Pokhara, Nepal**

I worked in this consultancy in part time basis. I was the team leader in conducting *Survey, Design and Cost Estimation of Kushma-Phalebas Agricultural Road*. Similarly, I was also the team leader in conducting *Topographic Survey for Resort Development Site* in Sarangkot VDC, Pokhara. My responsibilities also covered Construction Supervision of Buildings, Cost Estimation, and Property Valuation etcetera.

Academic Background

- M.E. in Urban Traffic Planning and Management, 2004, South East University, Nanjing, China
- B.E. in Highway and Urban Road Engineering, 1997, South East University, Nanjing, China
- Diploma in Civil Engineering, 1992, Western Region Campus, Lamachour, Pokhara, Nepal
- School Leaving Certificate (S.L.C), 1988, Shree Shakti Madhyamik Vidhyalaya, Patechour, Gorkha, Nepal

Award and Scholarship

- Kul Ratna Gold Medal in Diploma in Civil Engineering (1988)
- Chinese Government Scholarship for BE
- Chinese Government Scholarship for ME

General Research Interest Areas

- Traffic Engineering, Road Traffic Safety, Transportation Planning, Transport Modeling

Key Publications

- Bhattarai Binayak, Marsani Anil (2015): Time Based Signal Coordination (A Case Study of Gathaghar and Naya Thimi Intersections), Proceedings of IOE graduate conference 2015.
- Marsani Anil, Tiwari Hemanta (2015): Bus Rapid Transit (BRT) in Road Transport: A case study, Journal of Engineering Economics and Management (JEEM), Vol 02-3 January, Page 41-49, ISSN:2382-5065.
- Tiwari Hemanta, Marsani Anil (2014): Calibration of Conventional Macroscopic Traffic Flow Models for Nepalese Roads (A Case Study of Jadibuti - Suryabinayak Section), Proceedings of IOE graduate conference 2014, page 225-232.
- Vivek Gupta, Marsani Anil (2014): Behavior of Public Vehicles at Bus Bay Bus Stops of Kathmandu: A case study of Bus Bay at Thapathali, Proceedings of IOE graduate conference 2014, page 484-491.
- Marsani, Anil, Rajbamshi Jeni (2004): Traffic Problem in Kathmandu and Use of GIS in Urban Traffic Management. Nepalese Journal of Geoinformatics-3, Survey Department, Government of Nepal, Kathmandu, Nepal, May-June, 2004.

• Professional and Social Affiliations

- Member Nepal Engineering Council (Reg. No. 1624 Civil “A”)
- Life Member Nepal Engineers’ Association.
- Life Member Arniko Society (Alumni of China Graduates)
- Life Member Siddhartha Club (Local NGO based in Pokhara)