

Resume

Raghabendra Yadav

(Structural Engineer)

Kathmandu (Nepal)

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Personal Details

Date of birth:	05-07-1983
Father's name:	Ramaji Ray Yadav
Citizenship:	Nepali
Address:	Itaharwa katti-5, Mahottari (Nepal)
Languages (Spoken & written):	Nepali, English, Hindi, Bhojpuri & Maithili (Mother Tongue)
Nepal engineering council No.	6302" Civil" A
Nepal Engineers' Assoc. No.	12617 'Civil'

Academic Qualification

MSc, Structural Engineering

Tribhuvan University
Institute of Engineering, Pulchok Campus
Pulchok, Lalitpur

Bachelor in Civil Engineering

Tribhuvan University
Institute of Engineering, Western Region Campus
Lamachaur, Pokhara

Diploma in Civil Engineering

Tribhuvan University
Institute of Engineering, Western Region Campus
Lamachaur, Pokhara

Projects/Researches

MSc. Research: Effect of Variation in Pier Heights on the Seismic Fragility of Reinforced Concrete bridge piers

BE Project: Seismic Resistant Design of Buildings

Diploma Project: Design of Road, Building, Water Supply System and Irrigation System

Training/ Workshop/Conferences

- *7th International Conference on Bridge Maintenance, Safety and Management (IABMAS 2014)*, July 7-11, 2014, Shanghai, China
- Short Course On Seismic Design 26th-30th Nov,2012, IIT Gandhinagar, India
- Bridge design Training/Seminar by Local Roads Bridge programme (July 24 – August 10, 2012), Kathmandu
- Earthquake Engineering Literature Survey Workshop at IIT Kanpur, India(2011)
- Survey and Design of Long Span Trail Bridges by DoLIDAR-HELVETAS(2010)

Work Experience

From May 2013 to till date

Employer: TMS- SiDEF JV, Kamalpokhari

Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of Bridges

Contract No.: BP-661-DSD-06-068/069

Position: Bridge Engineer (Team Leader)

Work as a team leader and responsible for the design of

1. Hadaiya Khola Bridge, Udaypur (80.0 m PSC T-Girder)
2. Murkatuwa Khola Bridge, Saptari (20.0 m RCC T-Girder)
3. Debdhar Nadi Bridge, Saptari (60.0 m PSC T-Girder)
4. Birdhana Nadi Bridge, Saptari (25.0 m RCC T-Girder)
5. Chimti Khola Bridge, Saptari (25.0 m RCC T-Girder)
6. Setumari Khola Bridge, Jhapa (25.0 m RCC T-Girder)
7. Chapini Nadi Bridge, Saptari (25.0 m RCC T-Girder)
8. Judi Nadi Bridge, Saptari (20.0 m RCC T-Girder)
9. Kharak Nadi Bridge, Saptari (40.0 m PSC T-Girder)

From July 2012 to November 2012

Employer: Consortium of CSE-KRNA-KUNHWA-ICT-SCI-FBC

Detailed Survey Design of Electrified Railway Line Simara- Bardibas Section

Position: Structural Engineer (Bridge Section)

Responsible for the design of

- Design of Railway Bridges (PSC bridges)
- More than 300 box culverts
- Design of Road Over Bridges
- Design of Pedestrian bridges at stations (More than 20)

From Feb 2012 to till date

As an Structural Engineer (Individual Consultant)

Bridges

1. *Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of Bridges*, Design of Miya Khola Bridge, Pushplal Mid-Hill Highway (Eastern Sector)
(20.0 m RCC T-Girder)
(Remote Area Development Engineering Consultant, Sanepa)
2. *Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of Bridges*, Design of box Culverts – Birgunj Thori Hulaki Rajmarg
(Two cell, Length = 9.0m, RCC)
(Royal Democratic Engineering Consultancy, Kupondole)
3. *Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of Bridges*, Design of box Culverts – Maitighar Bhadrakali Road, Kathmandu
(Single cell 6.0m, RCC)
(Executive Consulting and Planners, Kathmandu)
4. *Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of Bridges*, Design of Punyamati River Bridge, Kavreplanchok
(20.0 m RCC T-Girder)
(Units Consultant, Kupondole)
5. *Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of Bridges*, Design of Miya Khola Bridge, Diktel
(25.0 m RCC T-Girder)
(Remote Area Development Engineering Consultant, Sanepa)
6. *Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of Bridges*, Design of Daraudi River Bridge, Gorkha
(80.0 m RCC T-Girder)
(R and R Consultant/ Star consultant JV, Budhanagar)
7. *Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Detailed Design of Bridges*, Design of Bhyaure River Bridge, Nuwakot
(20.0 m RCC T-Girder)

(R and R Consultant/ CARD JV, Budhnagar)

Maintenance and Capacity Improvement Project

1. Special Inspection, Assessment and Design of Maintenance and Repair works of Bokse Khola Bridge on Balephi Jalbire Road (Steel Frame Bridge)
2. Balephi Khola Bridge , 40m span Steel Truss Bridge at Balephi, Sindhupalchok
3. Sunkoshi Nadi Bridge, 71.4m span Steel Truss Bridge at Khadichaur, Sindhupalchok
4. Halhale Khola Bridge, Simply Supported Beam-Slab Culvert, Sindhupalchok
5. Charnawati Khola bridge, 21.6m span Belly Bridge at Bhimeshwor Municipality, Dolkha

Buildings

1. Design of Campus Building Tribhuvan University, Bhairahawa Campus
(Eastern Engineering Consultant, Lalitpur)
2. Design of Public Campus Building, Waling Campus
(Milan Engineering Consultant, Waling)
3. Design of Hospital Building, Birgunj
(Design Solution Pvt. Ltd. Tinkune, Kathmandu)
4. Design of Commercial Complex, Janakpur
(New Generation Consultant, Kathmandu)
5. Design of Doti Convention Center Rajpur, Doti
(Digicon Engineering Consultant, Kathmandu)
6. Design of Hotel Building, Dhangadhi
(New Generation Consultant, Kathmandu)
7. Design of Residential Buildings, Pokhara
(New Generation Consultant, Kathmandu)
8. Design of Residential Buildings, Waling
(Milan Engineering Consultant)
9. Design of Eye Core Mall Baneshwar, Kathmandu
(Architect's Studio Pvt. Ltd, Kathmandu)
10. Design of M.Ed Building Tribhuvan University, Kathmandu
(Eastern Engineering Consultant)
11. Foundation Design of 33/11 KV Sub- Station at
 - i. Biniyani, Jhapa
 - ii. Dhanushadham, Dhanusha
 - iii. Jaleshwar, Mahottari

iv. Paraul, Mahottari

v. Sarlahi

From Feb 2010 to Jan 2012

***Employer: Government of Nepal
Ministry of Environment
United Nations Park Development Committee
Kathmandu, Nepal***

Position: Individual Consultant/Engineer

Responsibilities

- ✓ The Consultant/Engineer shall check Design, Estimate, and Bill of quantities.
- ✓ Works monitoring and evaluation
- ✓ The Engineer shall give his decision, opinion or consent.

From Feb 2010 to Jan 2012

Employer: Everest Engineering Consultant

Position: Civil Engineer

- IEE of Melamchi Water Supply (Yangri and Larke Khola), Sindhupalchok
- Detailed Feasibility Study of Rudi Irrigation Project, Bajura (from 2067/3/11 to 2067/3/25)
- Detailed design of Janakpur Airport tower building
- Preparation of Master Plan of Manang Airport
- Detailed Engineering Survey, Design and Cost Estimate of Bhringri-Bhingrekhot-Swargadwari Rural Road (2067/2/9 to 2067/3/25)
- Detailed Engineering Survey and Design of Sirsihawa-Gugauli-Shivagadi Road (2067)
- Detailed Survey and Design of Drianage/sewerage systems and domestic wastewater treatment plants in Surkhet and Tansen
- Detailed Engineering Survey, Design and Preparation of Tender Documents and Drawings of Access Road to Different Structures of Upper Seti (Damauli) Hydropower project (11 Feb 2010 to 18 Nov 2010)
- As a Civil Engineer involved in the valuation of Fixed Asset For "Karmachari Sanchayakosh" and Nepal Bank Ltd. , Kathmandu
- Detailed Engineering Survey, Soil Investigation, Hydrological Study & Detailed Design of Chayanti Khola Bridge Project (from May 17 2009 to July 9 2009)

- Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Study and Design of Dudhe (Shankhare) Kholi along with Damak Chisapani Road in Jhapa (May 19 2010 to Sept 23, 2010)
- Detailed Engineering Survey, Soil Investigation, Hydrological Study & Detailed Design of Budhigandaki Bridge along with Dhadingbesi-Bungkotghat-Gorkha Road in Dhading District (June 22, 2009 to October 30 2009)

From Nov 2005 to Jan 2010

Employer: Sandeepa Nirman Sewa, Pokhara

Position: Sub-Engineer (Part Time)

- Cost estimate, supervision, drafting and bill preparation of various residential buildings in Pokhara Sub-Metropolitan City and Lamachaur VDC

From Feb 2009 to May 2009

Employer: Skyline Technical Institute, Pokhara

Position: Trainer (Part Time)

- Masonry training for skilled and unskilled man power

From June 2009 to Jan 2010

Employer:

Position: Site Incharge (Part Time)

- **United Nations – Earthquake Risk Reduction and Recovery Preparedness Programme for Nepal-** Supervision of Seismic Retrofitting of Fire Brigade Building, Pokhara Sub Metropolitan city

From Nov 2003 to Oct 2005

Employer: Everest Engineering Consultant, Baneshwor

Position: Sub-Engineer

- As a Sub engineer involved in following Projects:

- Initial Environment Examination and feasibility study of Aad Gadhi Durbar –Tinkanya Road, Sindhuli
- Detailed Engineering Survey, Soil Investigation & Detailed Design of motorable RCC Bridge over Timai river along Shantinagar Bahundangi Road, Jhapa (21st Dec 2005)
- Detailed Feasibility Study and Environmental Impact Study for the Implementation of River Training Works of following rivers: (2062/3/13 to 2062/3/32)
 - Harhara River
 - Telar River
 - Gaghara River
- Detailed Engineering Survey and Design of Timai River Bridge, Jhapa
- Preparation of District Transport Master Plan (DTMP) of
 - Dang District
 - Pyuthan District
 - Humla District
 - Ilam District
 - Jhapa District
- **Teaching Experience**
- **As a part time in different colleges**
- Lalitpur Engineering College, Kathmandu
- Himalayan Institute of Science and Technology, Kathmandu
- White House Institute of Science and Technology, Khumaltar, Lalitpur
- Institute of Engineering, Eastern Region Campus, Dharan
- Central Engineering College, Janakpur
- Eastern engineering College, Biratnagar