

Faculty:

Civil Engineering/Structural Engineering/Environment Engineering/Geotechnical
Engineering/Surveying/Water Resources Engineering/Transportation Engineering/
Construction Management/Disaster Risk Management

Name: Bharat Mandal, Lecturer

Existing Position: Program Coordinator, M.Sc. Structure

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Phone Extension:



Education

- Bachelor's Degree in Civil Engineering
- Master's Degree in Structural Engineering
- Doctorate in Structural Engineering

Academic Awards

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Research Areas: Bridge and Building Structures

Research Interests: Pounding of Structures, Retrofit design, Innovative Bridge design

Work Experiences *(only mention the academic experiences)*

- Theoretical and Practical courses of Structural design
- Job started on 2056-01-27
- Worked as lab in charge (Heavy Lab) for two years
- Working as program coordinator of M.Sc. in Structural Engineering and chair person of subject committee of structure
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Theses Supervised:

- ***Doctoral Theses Supervised***

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- ***Master Theses Supervised***

1. Critical Column Index based on damages of RC frame buildings due to Gorkha Earthquake 2015.
2. Use of prestressed hollow core slab and hollow core RC wall panel in building for earthquake resistant and economic construction.
3. Seismic evaluation of Timber Structure of Nepal (A case study of Manta Phalcha of Bhaktapur).

List of Publications

- ***Books***

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- ***International Journals***

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International Journals

1.
2.
3.

- ***National Journals:***

1. "Codal requirements and testing of Rebar", *Technical papers of Structural Engineering Nepal, 2008.*
2. "Development and quality production of reinforcing bars", *Technical papers of Structural Engineering Nepal, 2009.*
3. "Use of reinforcing Steel", *Techno-Civil Universe, Vol-3, 2009.*

- ***Conferences***

1. "Use of Coal Ash as mineral admixture in concrete", *South-Asian Countries Conference on 'Challenges to Architects and Civil Engineers', Kathmandu, Nepal, April 7-9, 1999.*
2. "Pounding between bridge decks: Computational details and results", *5th International conference on computational methods in Structural Dynamics and Earthquake Engineering, Crete Island, Greece, 25-27 May, 2015.*
3. "Pounding Response Spectra of Bridge Decks", *The 2nd International symposium on Advances in Civil and Infrastructure Engineering, Vietri Sul Mare, Salerno, Italy, June 12-13, 2015.*

Department Of Civil Engineering
Pulchowk Campus
Institute Of Engineering