

CURRICULUM VITAE

Name	Bishnu Hari Pandey
Date of Birth	October 10, 1973
Nationality	Nepali
Education	<ul style="list-style-type: none">• Master of Engineering in Civil(Urban Earthquake Disaster Mitigation Engineering), University of Tokyo, Japan, 2002• Bachelor of Civil Engineering, Central campus, Institute of Engineering, Tribhuvan University, Nepal, 1998
Languages	Nepali, English, Hindi, Japanese(fair)
Professional organization Memberships	Japan Society of Civil Engineers Nepal Engineers' Association Nepal Engineering Council Association of Structural Engineers –Nepal National Society for Earthquake Technology-Nepal Institute for Social Safety Science
Awards & Scholarships	<ul style="list-style-type: none">• Paisley University Prize from Institute of Engineering, Tribhuvan University• Most outstanding Research Paper award on Earthquake Engineering by Japan Society of Civil Engineers (JSCE), International Affair Division, August 2002.
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Professional work Record:

<i>Year</i>	<i>Organization</i>	<i>Position and Responsibilities</i>
2004 June- till date	UNCRD, Disaster Management Planning Hyogo office	Researcher : Responsible for carrying out research activities on various aspects of disasters. Special projects and programs responsible for: <ul style="list-style-type: none">- Reducing vulnerability of school children to earthquakes in Asia pacific- School earthquake safety program in Iran- Anti-seismic Building Code Dissemination Project (Nepal, Peru, Indonesia)- Public and policy level awareness activities of UNCRD in disaster management (consultation, lectures, trainings etc)
October 2002 May 2003	National Society for Earthquake Technology-Nepal (NSET).	Sr. Earthquake Engineer: Responsible for developing training curricula and materials of earthquake resistant design and construction of building and structures, develop methodology of seismic vulnerability assessment of building and infrastructure, provide expert input in seismic analysis and design of structures, provide trainings and orientation on earthquake technology and risk management; coordinating and leading for Earthquake Mitigation technical tasks.
September 1999- October 2000	National Society for Earthquake Technology-Nepal (NSET).	Civil Engineer: Responsible for the structural analysis, vulnerability assessment based on structural analysis, design for earthquake resistant structure and retrofit of existing structures mainly school buildings. conduct trainings for middle level technician and mason training for safer building construction

Other professional activities

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- **Lecturer (2004 Jan – 2004 May): Institute of Engineering (IOE), Tribhuvan University** course taught: *Earthquake Geotechnical Engineering in graduate program of civil engineering*
- **Expert consultant to the Metro Television (NTV) Nepal for program development for “Earthquake Safe Buildings” (2003 December -2004 May); NTV, Kathmandu Nepal**

Short term selected Activities as consultant or resource person

<i>Project/Program</i>	<i>Involvement</i>
State Level Training on Earthquake Disaster Management in Arunanchal, India, February 2003	Resource person as 'Earthquake Expert'
Training on “Earthquake Resistant Design and Construction of Non-engineered buildings in Afghanistan”, June 2003	Resource person for trainings on <i>Earthquake Resistant Design of Non-engineered Buildings</i> and perform <i>Improvised Shake Table demonstration</i>
Disaster Management Course (DMC-30), Asian Disaster Preparedness Centre (ADPC), Thailand, November 2003.	Provide lectures in <i>Earthquake Risk Management</i> and <i>Earthquake Risk Communication</i> Session
Earthquake Vulnerability Reduction for Cities (EVRC-2), Kathmandu, November 2002	Resource person for the session on <i>Seismic Assessment and Mitigation of Lifeline Infrastructures</i>
Training workshop on "Rapid Assessment of Seismic Vulnerability of Urban Building Stock " IIT Bombay, Mumbai, India, September 2003	Resource person for Building Vulnerability Assessment Session
Annual 6 weeks International Training Course (ITC) organized by the United Nations Centre for Regional Development (UNCRD)	Course coordinator and resource person for disaster risk management module
International Seismology and Earthquake Engineering course (ISEE) by Building Research Institute (BRI) Japan (March 2005 and December 2005)	Guest lecturer for module on earthquake resistant design of masonry buildings
Research project on safer housing in earthquake prone areas in Asia carried out by Building Research Institute (BRI), 2005-2008	Expert member of the project team

Some selected papers and publications

- Bishnu Hari Pandey, Ayako Fujieda (editors), Proceedings on “Keeping schools safe from earthquakes”, International workshop, June 2006, UNCRD Disaster Management Planning Hyogo office, Japan
- Bishnu Hari Pandey, “School Earthquake Safety and its Linkage to National Policy on Education and Disaster Reduction”, proceedings of International workshop on Keeping schools safe from earthquakes June 2006, UNCRD Disaster Management Planning Hyogo office, Japan
- Bishnu Hari Pandey, “Community based approach to promote earthquake resistant technology in developing countries” Proceedings of Annual symposium, Japan Association of Earthquake Engineering (JAEE), Japan, March 2006

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- Bishnu Hari Pandey, “ Fundamental principles of earthquake safe houses”, Proceedings of workshop on earthquake safer design for people, March 2006, Mujjaffarbad, Pakistan published by Peace Winds Japan
- Shoichi Ando, Bishnu Hari Pandey, Ayako Fujieda (editors) Proceedings of Disaster Management symposium 2006 “Earthquake resistant schools and disaster education”, January 2006, UNCRD Disaster Management planning Hyogo office, Japan.
- Bishnu Hari Pandey, “Reducing Vulnerability of school children to earthquakes” Proceedings of Disaster Management Symposium 2006 on Earthquake resistant schools and disaster education, January 2006, UNCRD Disaster Management planning Hyogo office, Kobe Japan
- Bishnu Hari Pandey, “Community based disaster reduction and technology Transfer for safer construction” Proceedings of the Tsukuba International workshop 2005 on safer housing earthquakes in developing countries, October 2005, Building research Institute (BRI) Japan.
- Bishnu Pandey and Kenji Okazaki “Community Based Disaster Management: Empowering Communities to Cope with Disaster Risks” Regional Development Dialogue, Vol. 26, No 2, 2005 UNCRD, Nagoya, Japan
- Bishnu Hari Pandey, Ramesh Guragain, “Seismic Vulnerability Assessment of Critical facilities and lifeline infrastructures of Kathmandu valley, Nepal. Proceedings on World Congress on Natural Disaster Mitigation, New Delhi India, Feb 2004
- Ramesh Guragain, Bishnu Hari Pandey and Amod mani Dixit “ Guideline for seismic vulnerability assessment of hospital buildings” Book publication series- 9, National society for Earthquake Technology- Nepal (NSET), Kathmandu, Nepal, 2004
- Bishnu Hari Pandey, Kimiro Meguro, “Simulation of Brick masonry wall behaviour under in-plane lateral loading using Applied Element Method” (Paper no 1664) proceedings of 13th World conference on earthquake engineering August 2004, Vancouver Canada
- J.K Bothara, B Pandey, R Guragain, “Seismic Retrofitting of Low Strength Unreinforced Masonry Non-engineered School Buildings” Bulletin of New Zealand Society of earthquake engineering Vol. 37, No. 1, March 2004
- Amod Mani Dixit and Bishnu Hari Pandey, "*Experiences of Earthquake Risk Management in Nepal*", proceedings of the Third International Workshop on Seismic Risk management for countries of the Asia-Pacific Region, WSSI, Bangkok, Thailand, December 2003
- Bishnu Hari Pandey, Ramesh Guragain, Amod Mani Dixit; "*Seismic Risk of Kathmandu City Water System*"; Proceedings of the Second International Symposium on New technologies for Urban Safety of Mega Cities in Asia, ICUS, University of Tokyo, Japan, October 2003
- Ramesh Guragain and Bishnu Hari Pandey (*Principal contributors*) "*Non-Structural seismic Vulnerability Assessment of Hospitals in Nepal* " Book publication series-8, National society for Earthquake Technology- Nepal (NSET), Kathmandu, Nepal, 2003
- Bishnu Hari Pandey, Amod Mani Dixit "*School Earthquake Safety Program in Kathmandu: A Case Study of Risk Reduction Effort in Public Schools*" Proceedings of First Asian Regional Conference on Urban Infrastructure Financing and Disaster mitigation, PADCO/TCGI/EPC, Colombo, Shri Lanka, March 2003
- Bishnu H Pandey, "*Earthquake Safety of Owner Built Houses*" Proceedings on International Seminar on The Challenges of Engineering Profession in Poverty Alleviation, Diploma Engineers Association, Nepal, December 2003
- Bishnu H Pandey, Ramesh Guragain, Amod Mani Dixit; "*Multi-front Approaches of Earthquake Awareness in Developing Countries: A Case Study of Nepal*", Symposium proceedings on Seismology, Earthquake Hazard Assessment and Risk Management, ASC2002, November 2002, Kathmandu, Nepal
- Pandey B.H., and Meguro K., "*Numerical simulation of Brick masonry wall under in-plane lateral loading using AEM*" proceedings of Annual conference on civil engineering, JSCE, September 2002
- Pandey B.H., and Meguro K., "*Applied Element simulation of Brick masonry Shear wall behaviour*" proceedings of 4th International Symposium on Civil Engineering, JSCE, August 2002 .
- Bishnu Hari Pandey (editor) “Technology” vol.7 1998 (journal on science and technology) published by Nepal Engineering Student Society, Institute of engineering , Tribhuvan University