

CURRICULUM VITAE

Ms. Kabita Pandey

Technical Officer/ Urban Planner / Architect

Nepal Academy of Science and Technology (NAST), Lalitpur, NEPAL

- *Experienced and ambitious Urban Planner and Architect with 9+ years' of experience in planning, designing, research, development and innovation.*
- *Skilled in using computer aided design to create functional, practical and sustainable spaces that inspire.*
- *Research focus on disaster risk reduction and management, conservation of heritage and technology through documentation, energy efficiency building technology at NAST.*
- *Advocacy to make an initiative in sustainable transformation of the community through innovation, technology, and engineering solutions.*

Personal Information:

Date of Birth: 03-02-1992
Place of Birth: Janakpur, Madhesh Province
Citizenship: 18-01-001/205
Gender: Female
Marital Status: Married

Contact Address:

Nepal Academy of Science and Technology (NAST)
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I. Education

- **M. Sc. Urban Planning:** 2015, Institute of Engineering (IOE), Tribhuvan University, Nepal (Thesis: Disaster Risk Reduction through Risk Sensitive Land Use Planning: A Case of Kirtipur Municipality) With **Distinction** and **recognized as an outstanding student**.
- **Bachelors in Architecture:** 2013, Institute of Engineering (IOE), Tribhuvan University, Nepal (Thesis: Museum of Modern Art, Tinkune, Kathmandu) with **College Topper of the year, awarded, 2012**.
- **High School (+2):** 2008, Rajarshi Janak H. S. School, Dhanusha, Janakpur, Nepal.
- **SLC:** 2006, Siddhartha Shishu Sadan, Dhanusha, Janakpur, Nepal.

II. Honors

- **2020: Appreciation Letter as Best-performing employee:** Nepal Academy of Science and Technology (NAST).
- **2012: Consolation Award:** Asian Paints Design Competition

III. Employment record

Technical Officer / Architect

Nov 18th, 2015 – till date, Nepal Academy of Science and Technology (NAST), Khumaltar, Lalitpur, Nepal

- 2021- till date: Unit Chief for GPS Usage and Research Program. (Research and Study on monitoring and data analysis of the GPS stations installed in central part of Nepal)
- 2021- till date: Unit Chief for Indigenous Technology Program. (Research and documentation of the historically important buildings, vernacular buildings of Nepal, monuments, sites, and technologies and work for their development)

- 2016- 2024: Unit Chief for Disaster Risk Reduction and Management Program. (Research and Study on Disaster Risk Reduction and Management by understanding the risks caused due to various disasters such as Earthquake, Landslides, Flood, Lightning, Fire, etc. and addressing those risks in order to minimize the impacts with various innovative approach, monitoring and evaluation of earthquake damping technology)
- 2016- 2020: Involved as Project Architect for the construction of NAST Technology Building.
- 2016- 2020: Involved as Project Architect for the construction of NAST Technology Building.
- 2020: Involved to prepare manuscript of Guidebook for IGC 2020
- 2021-2022: Prepared Conceptual Report for the Film City to be constructed in Sailung, Kavre.
- 2022-till date: Working on the causes and effects of the Dutti Landslide using dGPS.
- 2021- 2023: Involved as a member of the committee for the construction of Biomedical Laboratory at NAST.
- 2015-2016: Worked as a Team Leader in Technology Transfer for Earthquake Damping Technology at Dhading, Rasuwa and Nuwakot districts in collaboration with ICIMOD.
- 2016-2017: Involved in the planning and designing of Earthquake affected village to a Science Village at Timal, Kavrepalanchowk.
- 2015-till date: Involved in the design, specifications and supervision of various labs (Plastic to fuel lab, Small-Hydro lab), inside NAST premises.

Architect

July 17th, 2015 – November 17th, 2015, Hanumant Infra Pvt. Ltd., Dhobighat, Lalitpur, Nepal

- Design and Construction of communication towers (Ncell)
- Worked as Supervisor for the construction of towers.

Architect

June 1st, 2015 – July 16th, 2015, National Planning Commission (District Development Committee, Kathmandu, under Nepal Government)

- 2015: Post disaster risk assessment of Kathmandu district, worked as Team Leader in the survey of buildings and structures damaged by earthquake 2015.
- 2015: Design, estimate and supervision of the construction of Temporary Community Shelters and Temporary Learning Centers for each municipality of Kathmandu district.
- 2015: Preparation of working drawing for Tokha Municipality office building.
- 2015: Preparation of working drawing and 3D for the park at Baneshwor, beside BICC.
- 2015: Preparation of master plan of Dhampu Chaur, Kavresthali, Kathmandu

Trainee Architect

September, 2014 to November, 2014, Osaka Foundation of International Exchange, Osaka, Japan
Daiwa House Industry Pvt. Ltd., Umeda, Osaka, Japan

5Fl MyDome Osaka, 2-5 Honmachi-Bashi, Chuo-Ku, Osaka City, Osaka, Japan Tel: 06-6966-2400 Fax: 06-6966-2401 URL <http://www.ofix.or.jp>

- Training on Arts and Architecture, Tadao Ando and Associates
- Training on Urban Design and Sustainable Urban City, Osaka Prefecture Government
- Training on Land Readjustment, Osaka Prefecture Government
- Training on future development of Midosuji Road, Osaka
- Training on Earthquake resistive building Design, Daiwa House Industry Pvt. Ltd.
- Training on prefabricated housing design, Daiwa House Industry Pvt. Ltd.

- Training on various researches such as: Sound proofing, Green wall, Smart House, Women Friendly House Design, Fire Resistive Building Material Design, etc.

Trainee Architect

November, 2012 to March, 2013, Design Consultants P. Ltd., Lalitpur, Nepal, Tel: +977-1-5011634
Email: dconsult@enet.com.np P.O. Box: 13615

- Design, detail drawing, estimation and structural analysis of Residences at Dhobighat, Imadol, Bhaisepati, Nakkhu, Sanepa, Kupondole.
- Design, detail drawing and estimate of Café and Bar at Nakkhu.
- Exterior façade design of Commercial complex, Chabahil, Nepalgunj Hotel, Nepalgunj.
- Interior design of Tilganga Eye Hospital, Gaushala, Kathmandu; Cityscape Apartment, Hattiban (Published in Vaastu, Vol. 12).
- Sanitary layout and Manhole design of Lumbini Hospital, Lumbini.
- Preparation of master plan of Nobel Hospital, Biratnagar.
- Conservation works of Surendra Bhawan, Sanepa. etc.

IV. Professional appointments

- Subject Committee Member** (2020-till date): Indigenous Technology, Nepal Academy of Science and Technology (NAST).
- Board Member** (2021): Engineers without Borders Nepal.
- Member**(2022- 2023) : Construction and Supervision of NAST Biomedical Laboratory Building Committee
- Member** (2023) : National Innovation Digital Network (NIDN) Committee
- Member**(2016- 2020) : Construction and Supervision of NAST Technology Building Committee
- Invited Member** (2021- till date): Cost estimate preparation and evaluation of bids and sealed bids and office supplies, construction work, consulting services related committee (NAST)

V. Professional affiliations

- Nepal Engineering Council (2015): Regd No.: 1376 "Architecture" "A" Category
- General Member** (2021- till date): Society of Nepalese Architects (SONA), Membership No: 1571
- Member** (2022): Academic Road Safety Network, Central Department of Population Studies (CDPS), TU.
- General Member** (2016- till date): Nepal Engineering Association (NEA), Membership No: 16035
- General Member** (2008): Association of Students of Architecture (ASA), IOE, Pulchowk Engineering Campus

VI. Trainings

- 2016: Nepal Academy of Science and Technology (NAST): Hands-On Training on Solar Photovoltaics for Women.
- 2010-2011: Full Circle, Pulchowk, Lalitpur: Advanced level training on Computer skills on Revit Architecture, 3D Max, Sketch Up and Lumion
- 2011: Department of Architecture, Pulchowk Campus: Training on OSM, ArcGIS, QGIS

VII. International Professional Conferences, Training, and Workshops

- The Seminar on Power Management and Interconnection Technology for Belt and Road Countries, Hangzhou Regional Center, China, (Online), April 6th to 19th, 2023.
- Training Workshop on Chinese Language and Vocational Education on China Construction Industry, Hangzhou Regional Center, China, (Online), Aug 22nd to Sep 2nd, 2022
- The Sino-South Asia Disaster Prevention and Mitigation Summit, Sichuan University, Chengdu City, Sichuan Province, China, Sep 11th to Sep 14th, 2017.

VIII. National Conferences, Training, and Workshops

- 2023: National Conference on Disaster Risk Reduction (NCDRR)2, Kathmandu, Nepal, “Technology, Innovation And Science in DRR” (Speaker)
- 2023: 1st National Innovation Conference, Lalitpur, Nepal
- 2022: 9th National Conference on Science and Technology, June 26th to 28th, 2022, Lalitpur, Nepal (Session Co-Chair)
- 2022: Kuda Karnali Utsav, Mar 11th to 13th “आरन, अन्वेषण र आविष्कार” (Speaker)
- 2018: 9th Nepal Geological Congress, Nov 19th to 21st, 2018, Kathmandu Nepal.
- 2017: 11th Asian Regional Conference of IAEG, 2017
- 2016: 8th Nepal Geological Congress, Kathmandu, Nepal
- 2015: Training on “Risk Sensitive Land Use Planning”, USAID and NSET, Sep12th to 17th, 2015, Lalitpur, Nepal

IX. Thesis supervision

- 2023, “Engineering geological study and movement monitoring of Dutti landslide, Kavrepalanchok district, Central Nepal” Department of Geology, Tri-Chandra multiple campus, T.U. *Student : Mr. Ramesh Gautam* (M.Sc. Degree in Engineering Geology)

X. Publications, Book and Articles

- Adhikari, S. M., Pandey, K., Pokharel, S., Prasad, S. M., Adhikari, R., Pathak, G., Gurung, J., Khanal, R., & Kunwar, R. B. (2021). हाम्रो जडीबुटी र राम्रो स्वास्थ्य (1st ed., Vol. 122). Nepal Academy of Science and Technology (NAST).
- Kabita Pandey (2021) “The Ando Project” - Commemoration Book, Osaka Foundation of International Exchange (OFIX), Osaka, Japan
- Kabita Pandey (2015) “Short Term Training Experience in Osaka” – Vaastu magazine, Institute of Engineering. Department of Architecture, Pulchowk Campus, Lalitpur, Nepal
- Kabita Pandey (2013) “Interior design of live project of Cityscape apartment” – Vaastu magazine, Institute of Engineering. Department of Architecture, Pulchowk Campus, Lalitpur, Nepal

XI. References

1. Prof. Dr. Sudha Shrestha
Sudha.shrestha@ioe.edu.np , Cell Phone: +977-9851085287
Tribhuvan University, Institute of Engineering, Pulchowk, Lalitpur, Nepal

2. Prof. Dr. Jiba Raj Pokharel

jibaraj@gmail.com , Cell Phone: +977-9851024241

Former Vice-Chancellor, Academician, Nepal Academy of Science and Technology (NAST), Khumaltar, Lalitpur, Nepal

Declaration

This curriculum vitae is correct and true as per my knowledge and information.

Ar. Kabita Pandey

2nd February, 2024