

Summary Vitae of Kusum Pokhrel

Contact Details: kpokhreladhikari@gmail.com

Educational Background

M.Sc	2011	Tribhuvan University, Kirtipur, Kathmandu, Nepal	Botany
B.Sc	2009	Prithvi Narayan Campus, TU, Pokhara, Nepal	Biology
+2	2005	Janapriya Multiple Campus, Pokhara	Biology

Professional experience

2022 – Present -	Assistant Professor; Botany, Prithvi Narayan Campus, Pokhara.
2021	Assistant Professor, Botany, Trivhuvan Multiple Campus, IoST, TU, Tansen, Palpa.
2013-2020	Higher Secondary Level Teacher (+2) in various private and community School.

Topic of Dissertation: Phenology and response of clipping in relation to invasiveness of Parthenium hysterophorus L., Dissertation Submitted to the Central Department of Botany, Tribhuvan University.

Research Interest: Natural Resource management and Plant Invasion.

Research Grants and Awards

2012-2013 Early career Research fellowship: Awarded by LCC CRSP TIRI (Targeted investment Research with impact) Project, Colorado State University, Fort Collins, USA

2011 CNSP Research Grant: Awarded by **Cornell Nepal Study Program** (a study abroad program of **Cornell University, Ithaca, New York, and U.S.A**) for the completion of Master Dissertation.

2011 CNSP Residential Fellowship: Residential fellowship for two semesters (fall, 2010 and spring, 2011) in CNSP Hostel as a roommate with an American student. Participation in different activities and courses conducted by CNSP such as Research

Design, Advanced English Language classes, lectures on Contemporary Issues, Proposal Writing Workshops, Study tour, observation tours and treks, mini-research programs, Cultural programs.

2011 NAST Research Grant: Awarded by **National Academy of Science and Technology** for the completion of **Master Dissertation** work.

Academic Training and Workshops:

21-25 May 2023 Participated in capacity development training entitled “**Internal Quality Assurance in Higher Educational Institutions in Nepal**” organized by **Prithvi Narayan Campus, Pokhara Nepal** and supported by **University Grants Commission, Sanothimi, Bhaktapur.**

September-December 2021 Participated in **48 hours “In-service Faculty Development Pedagogical Training” (online)** organized by **Open and Distance Education Centre, TU, Kirtipur.**

Participation on **Workshop cum Training on Science Journalism/ Science Writing** (June 14-20, 2012), organized by Government of Nepal, Ministry of Environment, Science and Technology, **B.P. Koirala Memorial Planetarium, Observatory and Science Museum Development Board.**

Participation on **Arc GIS training** (April 1-20, 2012) conducted by **Research Solution Nepal (RESON), Kirtipur, Kathmandu, Nepal.**

Participation on **Stastical training** (June17-18, 2012) including SPSS and R Packages organized by **Central Department of Botany (CDB), T.U.**

Advanced English Course (August 2010-May 2010) conducted by **Cornell Nepal Study Program Kirtipur, Kathmandu. Course instructor: Prof. Dr. Jay Raj Awasti.**

Nepal Trekking Course: Offered with scholarship by Team Building and Leadership Centre, **Cornell Outdoor Education, Cornell University, Ithaca, New York, USA:** from 28th Dec. 2010 to 18th Jan. 2011.

Conference attended: Participation on **Gender training program** (24-26th July 2013)in Kathmandu, organized by gender team from **University of Florida (LCC CRSP- Livestock and Climate Change Collaborative Research Support Program** project).

Participation on **Evaluation conclave** (26th February to 1st March 2013) in Kathmandu, organized by **Community of Evaluators (CoE)** in collaboration with **Community of Evaluators Nepal (CoE-Nepal)**.

Participated as a **Volunteer** on **International Conference on Biodiversity, livelihood and Climate Change in the Himalayas**, Dec. 12th to 14th, 2010. Kathmandu, Nepal; jointly organized by **Central Department of Botany, Tribhuvan University, Ministry of Forest and Soil Conservation, Ministry of Environment, Ministry of Agriculture & Cooperatives, Nepal and University of Bergen, Norway**.

Participated as a **Volunteer** on **National Seminar on Sustainable Use of Biological Resources**. April 22-23, 2007, Pokhara, Nepal; jointly organized by **Central Department of Botany, Prithvi Narayan Multiple Campus Pokhara and Forestry Campus Pokhara**.

Research Publications

Article entitled “**Distribution of *Parthenium hysterophorus* and one of its biological control agents *Zygogramma bicolorata* in Nepal.**” Weed Research (2019). <https://doi.org/10.1111/wre.12384>

Article entitled "**EFFECT OF MICROBIAL TREATMENT (JEEVATU) ON RICE (*Oryza sativa* L.) PRODUCTION**" in International Journal of Applied Sciences and Biotechnology, vol 1 Issue 4, December 2013 ISSN 2091-2609. <https://www.nepjol.info/index.php/IJASBT/article/view/9134>

Article entitled “**Antimicrobial Activity of Chemical Compounds from in vivo Roots and in vitro Callus of *Withania somnifera* (L.) Dunal.**” Biomedicine and Biotechnology 1, no. 2 (2013): 21-26. doi: 10.12691/bb-1-2- 5. <http://www.sciepub.com/BB/abstract/1135>

Research Report

Distribution and impact of *Parthenium hysterophorus* on rangeland ecosystem on Tarai and mid hills of Central Nepal, LCC CRSP TIRI –Targeted Investment for Research Impact Project, Colorado State University Colorado, USA. With Mentor Prof. Dr. Bharat Babu Shrestha and Co-PI Suraj Raj Adhikari.