CURRICULUM VITAE

Name : Pramod Kumar JHA

**Designation** :  **Professor Emeritus**, Tribhuvan University, Kathmandu

 **Academician**, Nepal Academy of Science and Technology (NAST)

**Mailing address** : Central Department of Botany, Tribhuvan University

Kirtipur, Kathmandu

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**Permanent address** : Village: Sandha, Manara Sisiya Metropolitan, Ward No. 4

P. O.: Jaleshwor, District: Mahottari, Nepal

**Nationality** : Nepali

**Date of birth** : August 15, 1953

**Marital status** : Married (one son, one daughter)

**Education** : Ph.D. (Botany)–1982: Jodhpur University, India

M.Sc. (Botany)–1975: Kanpur University, India

 B.Sc. (Botany, Zoology, Chemistry)–1973: Jodhpur University, India

**Field of Interest** : Plant Science, Ecology, Bio-diversity, Medicinal plants, Environment, Weed Science, Pollution

**Teaching–Research** : 45 Years since August 15, 1976 in Tribhuvan University

**Assistant Lecturer** : August 15, 1976–July 15, 1982

**Lecturer** : 1982–1986

**Associate Professor** : 1986–1997

**Professor** : July 16, 1997–2016

**Professor Emeritus** : November 2017 onward

**Administration** : Head, Central Department of Botany, Tribhuvan University

May 4, 2002 to December 2007; March 13, 2012 to March 12, 2016

 (9 yrs 9 months)

**Fellowship** : University Grants Commission, India, Junior Research Fellowship for Ph. D. (1980-1982)

 – UNESCO Fellowship for Training on Plant Ecophysiology at National University of Singapore (1985)

 – Environmental Fellowship, USA (1994) though South Asia Foundation

**Awards/Honor** : **Mahendra Bidya Bhusan** (**Gold Medal**) (1984)

 – **Third World Academy of Science** (**TWAS**) **Young Scientist Award** of Italy (1988) (Through Royal Academy of Science and technology, Nepal

 – **National Education Award** (1998) Ministry of Education, HMG, Nepal

 – **FNRS**: Fellow of the International Society for Nature Conservation (BHU, India) (1997)

 – **Suprabal Gorkha Dakshin Bahu** III (1998). (National honor through the King of Nepal)

 – **ISCON Gold Medal** awarded by the International Society for Conservation of Natural Resources (at Banaras Hindu University, India–2005

 – **Rashtriya Vanaspati Purashkar 2073** (**National Plant Resource Award 2017**) Ministry of Forest and Soil Conservation, Government of Nepal.

 – Fellow of the Indian Institute of Ecology (JNU, New Delhi HQ) April 2021

 – Fellow of The World Academy of Sciences (Triesti, Italy HQ) November 2021

**Books Published** : 22

Authored 5 and, Edited 17 on Plants, Biodiversity, Medicinal plants, Environment and Natural Resources

**Research papers** : 176 (122 papers in international journals and 54 in national journals)

**Papers in Proceedings** : 18

**Chapters in Books** : 45

**Semi-Technical articles** : 50

**Book reviews**, **etc.** : 13

**Research Project Reports** : 18

**Conferences Participated** :  **>**100 in national and international conferences

**Association with Journals** : >25

**Ph.D. Theses Supervised** : 10 awarded, 1 submitted

**Ph.D. Thesis Examined** : 58 (Australia, India, Nepal, Bangladesh, Pakistan)

**M.Sc. Theses Supervised** : 79

**Institutions visited in** : Austria, Bangladesh, Brunei, Cambodia, Canada, China, Denmark, Egypt, France, Germany, India, Indonesia, Israel, Italy, Japan, Malaysia, Mexico, New Zealand, Norway, Peru, Singapore, Sri Lanka, Sweden, Taiwan, Tanzania, Thailand, U.K., U.S.A.

**Special Appointment** : Academician appointed in 2006 by the Chancellor of NAST and Prime Minister of Nepal

 – Expert Member of Environment Protection Council under the Chairmanship of Prime Minister of Nepal (1993-1995 and 1997-1998)

– Member, High Level National Forest Policy Implementation Committee, Under the Chairmanship of Minister of Forest and Soil Conservation, Government of Nepal (September 2016 onward)

**Visiting Positions** : Volcani Research Center, Isreal (1988): Visiting Scientist

 – Trent University Canada (1995): Visiting Professor

 – Padova University, Italy (2002, 2003, 2006, 2009, 2013, 2016): Visiting Professor

 – Tokyo University of Agriculture and Technology, Japan (1997): Visiting Professor

 – Cornell University USA (September 1998): Visiting Professor

 – Oregon State University (June-Aug. (1998): Courtsey Professor

 – University of Massachusetts-Amherst-USA (2009): Visiting Professor

**Professional Societies**: **Life Member**

– Founder of Ecological Society–Nepal (ECOS) 1992: General Secretary (1992-1996), President (1996-2002), Executive Member and Advisor (since 2002)

– Life Member and Advisor of Botanical Society of Nepal (since 2017)

– Life Member–International Society for Conservation of Natural Resources (ISCON), President, 2009-2010

– Life Member, National Institute of Ecology (India) (since 2020)

– Ordinary members of Several Societies

**SALIENT involvements / Activities**

Member :  **Academic Council**, Tribhuvan University (since 2020)

Coordinator :  **Science and Technology Cluster Committee**, **University Grants Commission-Nepal** (since 2017-2021)

President: **Toni Hagen Foundation** (since 2014)

Coordinator : **Curriculum Reform Committee** for the selection of Assistant Professor Position through the Tribhuvan University Service Commission (2020-21)

Member :  **Management Council**, Nepal Academy of Science and Technology (2015-2018)

Member :  **Academic Council**, **Nepal Academy of Science and technology** (since 2007)

Advisor :  **Flora of Nepal Project** (10 volume document preparation jointly by Tokyo University-Japan, Royal Botanical Garden-Edinburgh-UK and Nepal (NAST-DPR and TU) (Since June 2016)

Member :  **Science and Technology Cluster Committee of University Grants Commission-Nepal** (2014-2017)

Member:  **Faculty Board** (Standing Committee), Institute of Science and Technology, Tribhuvan University (2010-2012)

Member: **Degree Equivalence Committee of the Curriculum Development Board**, Tribhuvan University (2013-2016)

Member :  **Research Committee**, Institute of Science and Technology, Tribhuvan University (several times)

Member: **Faculty Board**;Kathmandu University-School of Science (2009-2012)

Member: **Research Committee**, School of Science, Kathmandu, University (2012–2017)

Member: **National Biodiversity Coordination Committee** (HMG, Nepal under the Chairmanship of Minister of Forest and Soil Conservation) (2004-2007 and 2012–2014)

Member : National report Coordination Team of **Nepal Fourth Report to the Convention on Biological Diversity** (Ministry of Forest and Soil Conservation, GoN) (2009)

Member : **Subject Committee**, Forestry and Environment, Purbanchal University (2017-2019)

* **Subject Committee**, Environmental Science, Tribhuvan University

 – **Subject Committee**, Tea Technology and Management, IOST-TU

– **Subject Committee** (Botany) Tribhuvan University

 – **Academic Committee**, Horticulture and Floriculture Management (Ilam Campus), IOST-TU

Coordinator:  **Tribhuvan University–Padova University Academic Program** (Italy) (2002-2016)

Chairman: **Sustainable Use of Biological Resources** (A thematic sub committee of the NBCC) (2004-2007 and 2012-2014)

President : **Pro Public** (A Civil Society dedicated to Protection of Public Interest) (2009-2012)

Coordinator :  **Feasibility Study Team for University at Nepalganj** (by UGC Nepal) (2010)

**MAJOR RESEARCH PROJECTS**

1. Principal Investigator and Project Coordinator**: *“Assessment of Invasive Alien Species Distribution in the Chitwan Annapurna Landscape*** (***CHAL***) ***Region****,* ***Nepal*** ***with the Application of Satellite Imageries”***, Funded by Feed the Future USAID IPMIL, USA (May 2018-November 2020).

2. National Coordinator and Co-Principal Investigator: ***“Participatory Biodiversity and Climate Change assessment for Integrated Pest management in the Chitwan Annapurna Landscape****,* ***Nepal”***, Funded by Feed the Future USAID IPMIL, USA (October 2015-April 2018)**.**

3. Co-Principal Investigator and TU Coordinator: ***Jaibik Map***: ***Nepal's Biodiversity and Climate Change Tool for the Future****,* Funded by USAID-PEER Program (December 2016 to November 2020).

4. Nepal Coodinator: ***Scientific Capacity Development to Strengthen Informed Decision Making for Climate Policy Formulation and Implementation in South Asian Countries***, Funded by Asia Pacific Network (APN—Japan) (2016-2018)

5. Core Team Member and investigator: *Feasibility* ***Study of Kailash Sacred Landscape Conservation Initiative****,* Nepal. UNEP, ICIMOD and MOFCC (2008-2010).

6. Co Principal Investigator: ***Plant Water Relations and Phonological Study of Plants in Midhill of Nepal****,* Funded by National Science Foundation, USA (2002-2005).

7. Team Leader: ***Conservation and Management of Pollinators for Sustainable Agriculture through and Ecosystem Approach****,* Food and Agriculture Organization (Kathmandu) (2005)*.*

8. Principal Investigator: ***Impacts of tourism on Water Quality in Sagarmatha National Park and Buffer Zone****,* ***Nepal****,* Funded by Italian Cooperation DGCS (2007-2009).

9. Investigator: ***Bioprospecting of Ethnomedicinal Plants of Nepal for the Conservation of Biological and Cultural Resources****,* Funded by: Volkswagen Foundation, Germany (2006-2009)

10. Investigator: ***Plant Diversity Analysis and Evaluation of Conservation Measures in the Royal Bardia National Park****,* World Wide Fund for Nature (WWF) Grant No. BE 24) (January–December 1996).

11. Principal Investigator: ***Survey of Nepal’s Plant Genetic Resources***, Funded by The Asia Foundation USA (1995).

12. Principal Investigator: ***Investigation in Allelopathic Potentials of Some Lamiaceous Plants***, Funded by Ministry of Science and Technology HMG Nepal (1995-1996).

13. Team Leader: ***Environmental Impacts of Royal Chitwan National Park***, Funded by Ministry of Forest and Soil Conservation-HMG Nepal (1993).

14. Principal Investigator: ***Exploitation of Grain Amaranth in Nepal***(*IFS Grant No C/865-3*)*,* Funded by International foundation of Science\_Sweden (January 1989-December 1990).

15. Principal Investigator: ***Exploitation of Grain Amaranth in Nepal***(IFS Grant No C/865-2) Funded by International Foundation of Science\_Sweden (January 1987-December 1988).

16. Principal Invesitgator: ***Exploitation of grain Amaranth in Nepal***(IFS Grant No C/865-1) Funded by International Foundation of Science-Sweden (January 1985-December 1986).

17. Principal Investigator**: *Structure and Function of Kulekhani Watershed***, Funded by Nepal Man and Biosphere Committee (MAB) (1986).

18. Principal Investigator: ***Ecophysiology and Control of Eupatorium adenophorum Spreng*** (***Banmara***), Funded by National Council of Science and Technology (NCST-HMG Nepal) (1984-1985).

**Consultant of projects of National Importance**

Consultant :  ***Melamchi River Diversion EIA Project*** at IUCN-Nepal (1999)

Consultant and Team Leader :  ***Effects of Save the Children/ US irrigation projects in Gorakha and Nuwakot Districts on Ecology and Gender****,* Funded by SNV Nepal (1996)

Consultant and Team Leader : ***Nepal Landscape Biodiversity Project***: ***Bardia-Shuklaphanta Landscape Complex****,* Funded byUNDP and Ministry of Forest and Soil Conservation (HMG-Nepal) (2000-2001).

Consultant: ***First National Communication on Climate Change*** (2002), submitted by GoN to UNEP.

Consultant :  ***Second National Communication on Climate Change*** (2011-12), submitted by GoN to UNEP.

Consultant : ***Nepal Biodiversity Action Plan*** (for HMG/Nepal and UNDP, Kathmandu. (1999-2000) Nepal Finalized the document published as Nepal Biodiversity Strategy in 2002.

Consultant: ***Dendrological Studies of Gymnosperms in Nepal****,* International Dendrological Institute, USA and Hungary, 2003.

Consultant :  ***National Report on Mountain Biodiversity****,* Ministry of Forest and Soil Conservation (2005).

Consultant :  **Bagmati River Conservation Project 2009-2014***,* Funded by Nepal, Trust for Nature Conservation*,* 2014.

Consultant:  ***Human Resource Profile of Botanists in Nepal***, B P Koirala Planetarium, Observatory, Ministry of Science and Technology (2010-11.).

Consultant: ***Human Resource Profile of Zoologists in Nepal***, B P Koirala Planetarium, Observatory, Ministry of Science and Technology (2012).

Team Leader:  ***Pollinators and Cost Estimation for Conservation and Management of Pollinators on Sustainable Agriculture through an Ecosystem Approach****,* Food and Agriculture Organization (Kathmandu) (2005-2006).

Consultant :  ***National Lake Study Project****,* Ministry of Tourism, GoN (2008)

Consultant: *I****mpacts Study on Research under Second Higher Education Projec***t ***to UGC****,* ***Nepal*** (2013-2014) <University Grants Commission and World Bank-Kathmandu.

**Involvement in CONFERENCES/SEMINARS**

– Co-organizer of the Special Symposiumon **Remote Sensing and Artificial Learning for determination of Spatio-temporal Distribution of Invasive Species**.In XIX International Conference on Plant Protection, November 10-14, 2019, at Hyderabad, India.

– Chairman Organizing Committee**: International Conference on Biodiversity**, **Climate Change Assessment and Impacts on Livelihood** (January 10-12, 2017, Kathmandu). Jointly organized by the Central Department of Botany-TU, Agriculture and Forestry University-Rampur, City University of New York (CUNY), USA, Colorado State University (CSU), USA, with the core funding from USAID IPM Innovation Lab.

Convener: **Nepal Italy Seminar Collaborative Research: Past**, **Present and Future Prospects** (Jan 27-28, 2015, t Kathmandu), organized by central Department of Botany-TU and Padova University-Italy.

Member (Advisory Committee) and Coordinator of Publication Committee)**: *International Conference on Climate Change Innovation and Resilience for Sustainable Livelihood*** (January 12 to 14, 201 Kathmandu), Organized by Central department f Botany-TU.

Member (International Advisory Committee): ***Tropical Ecology Congress*** (Dec. 10-12, 2014, New Delhi-India) Organized by International tropical Society and Jawaharlal Nehru University-India (Delivered invited lecture).

Member (Organizing Committee and Coordinator of Publication Committee)**: *International Conference on Biodiversity****,* ***Climate Change and Livelihood in Himalaya*** (December 2010, Kathmandu). Conference Organized by Central Department of Botany-TU, Inaugurated by Rt Honble President of Nepal Dr Ram Baran Yadav.

Keynote Speaker: ***International Conference on Climate Change*** (February 22-23, 2010) Guwahati, India

Member (International Advisory Committee): ***Tropical Ecology***(Dec 2-5, 2007, DehraduIndian foest research Institute-Dehradun, India)

Advisor and Keynote Speaker**: *National Seminar on Sustainable Use of Biological Resources*.** (April 22-23, 2007, Pokhara-Nepal), organized by Ecological Society (ECOS)

Advisor and Keynote Speaker: ***National Seminar on Natural Resource Management*** (February 2004, Biratnagar-Nepal)Organized by ecological Society (ECOS) and P G Campus Biratnagar.

Chairman Organizing Committee: ***International Conference on Environment and Agriculture*** (November 10-12, 1998, Kathmandu). Organized by Ecological Society (ECOS). Confernce inaugurated by King Birendra Bir Bikram Shah Dev.

Secretary Organizing Committee: ***International Confernce on Environment and Biodiversity*** (March 7-9, 1994, Kathmandu), organized by Ecological Society (ECOS) and inaudurated by Vice Chairman of National Planning Commission Dr R S Mahat, on behalf of Prime Minister Girija Prasad Koirala. (Dec. 10-12, 2014.

Conference Participation : >100 in national and international conferences