

Curriculum vitae

Neelam Manola, M. Sc., Ph. D.
Department of Botany
Government P.G. College, Bajpur (U. S. Nagar)
Mobile- 9258874865
nmewari@gmail.com



Educational Qualification:

- U- SET (2015)
- Ph. D. (Botany) from University of Rajasthan, Jaipur, 2010
- M. Sc. (Botany) from GB Pant University of Agri. & Tech., Pantnagar in 2005
- B. Sc. (ZBC) from MBPG Degree College, Haldwani, Uttarakhand in 2003
- Senior Secondary (Biology) from UP Board in 1999
- Higher Secondary (Science) from UP Board in 1997

Present Position:

- Assistant Professor (Contractual) Deptt. of Botany, Govt. P. G. College, Bajpur, U.S. Nagar, Uttarakhand

Professional Experience:

- Worked as Unit Writer (Special paper of Ethnobotany for M. sc. Botany) for Bhoj Open University, Bhopal (July 2008- March 2009)
- Worked as Seed Analyst at Tarai Seeds Development, Haldi, Pantnagar, Uttarakhand (April 2010- June 2010)
- Worked as Assistant Professor (Botany) with Surajmal Agarwal Pvt. Kanya Mahavidyalaya, Kichha, U. S. Nagar, Uttarakhand (September 2011 to July 2014)
- Worked as 'Scientist B' at Patanjali Herbal Research Department, Haridwar (August 2014 to December 2014)
- Worked as Assistant Professor (Contractual) in RDU Government Postgraduate College, Manila, Almora, Uttarakhand.

Experience in Research:

- JRF under the project entitled "New Biological opportunities for Prickly Acacia- Exploration in India" at Arid Forest Research Institute, Jodhpur, funded by Queensland Govt., Australia (July 2008 to March 2010)

Member of Editorial Board of Journal:

- Journal of Microbiology and Antimicrobials (Academic Journals)

Publications:

- Mewari N, Chaturvedi P, Kumar P and Rao PB. 2007. Antimicrobial activity of mosses against plant pathogens. *J Mycol and Plant Pathol* 37(2):359-360.
- Mewari N and Chaturvedi P. 2008. Antimicrobial activity of *Plagiochasma appendiculatum* L. against certain plant pathogens. *Crop Prot Prod* 4(2):13-17.

- Mewari N and Kumar P. 2008. Antimicrobial activity of extracts of *Marchantia polymorpha* L. *Pharmaceutical Biology*. 46(10-11):812-822
- Mewari N and Kumar P. 2009. Evaluation of antifungal potential of *Marchantia polymorpha* L. and *Ephedra foliata* Boiss. against Phyto Fungal Pathogens. *Archives Phytopathol Plant Prot.* 44(8)804-812

Articles in Book:

- Mewari N and Joshi B. 2013. Ethnobotany: An approach to nature. In “Ethnobotany and Medicinal Plants” edited by Pawan Kumar ‘Bharti’, Avnish Chauhan, Pawan Kumar (eds.) Ancient Publishing House, Delhi
- Joshi B and Mewari N. 2012. Forest Fire: A major threat for conservation of Indian forests. “Climate Change and Biodiversity” edited by Pawan Kumar ‘Bharti’, Avnish Chauhan, Pawan Kumar (eds.), Discovery publishing house.

Chapters in Book:

- Manola N. 2021. Habitat, Thallus organization, Cell Ultrastructure, Reproduction. Algae and Bryophytes. Uttarakhand Open University Press, Haldwani, Uttarakhand.
- Manola N. 2021. Classification of Algae. Algae and Bryophytes. Uttarakhand University Press, Haldwani, Uttarakhand.
- Manola N. 2021. Fossil Algae, Basic Concepts Of Cyanophages, Economic Importance. Algae and Bryophytes. Uttarakhand University Press, Haldwani, Uttarakhand.

Training/s Attended:

- U-SERC sponsored entrepreneurial training course on “Cultivation and collection of medicinal and aromatic plants” at CSIR-CIMAP Research Centre, Pantnagar, Uttarakhand (02/05/2012 to 03/05/2012).

Conference/Symposium/Workshops Attended:

- National Consultative workshop on medicinal and aromatic plants (25-27 June, 2005), organized by Department of Agronomy, GB Pant University of Agriculture and Technology, Pantnagar.
- National conference on Environment and Natural disaster Management (9-11 Dec, 2005), organized by Department of Zoology, University of Rajasthan, Jaipur, Rajasthan.
- All India Seminar on advances in Botanical, Biotechnological and Microbiological Research in India during last decade (26-28 Dec, 2006), organized by Department of Biotechnology, M. N. Institute of Applied Sciences, Bikaner, Rajasthan.
- National Symposium on Plant Biotechnology for conservation, characterization and crop improvement (8-10 Feb, 2008), organized by Department of Biotechnology, Mohanlal Sukhadia University, Udaipur, Rajasthan.
- National Seminar on Bamboo “plantation and management and its utilization” (17-19 March, 2009), organized by Department of Forest Biotechnology, Arid Forest Research Institute, Jodhpur, Rajasthan.
- Brain Storming Session on “Prioritizing Research Areas on Nano-Bio-Information Technology for Development of North-Western Himalayan States and Strengthening efforts in Frontier Sciences and Practicing Hi-Tech Research” (12-13 July, 2013) organized by Department of Molecular Biology, GB Pant University of Agri and Tech., Pantnagar.
- National Seminar on ‘Crop Diversity and Entrepreneurship development in Himalayan Environment (29-01 Oct, 2016) organized by Department of Botany, Government P. G. College, Uttarkashi, Uttarakhand.
- National Symposium on Global Environmental Challenges: Present Scenario (21 Jan, 2017), organized by Department of Botany, University of Rajasthan, Jaipur, Rajasthan

