

## **BIO-DATA**

**Ms. Neelam DharmSKU**

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### **EDUCATIONAL QUALIFICATION:**

- 1. B.Sc. (2009)- Botany, Zoology and Chemistry** (Kumaun University, Nainital)
- 2. M.Sc. (2011) – Botany** (Kumaun University, Nainital)
- 3. USET (2012)- Life Science- Botany**
- 4. B.Ed. (2013) – Science** ((Kumaun University, Nainital)
- 5. Ph.D. (2022)- Pursuing** (Soban Singh Jeena University, Almora).

### **TEACHING EXPERIENCES: 12 YEARS (Both U.G. and P.G.)**

- Worked as a **Teaching Personal (Botany)** in **S.S.J. University, Almora** (01 Year 19 Days).
- Worked as a **Guest Faculty (Botany)** in **S. S. J. D. W. Govt. P.G. College, Ranikhet** (03 Years 01 Month 19 Days).
- Worked as an **Assistant Professor (Botany)** through Uttarakhand Public Service Commission in **L.S.M. Govt. P.G. College, Pithoragarh** (w.e.f. 14-02-2019 to 18-07-2024).
- At Present working as an **Assistant Professor (Botany)** in **M. B. G. P. G. College, Haldwani** (w.e.f. 20-07-2024 till date).

### **INDUCTION/ ORIENTATION AND REFRESHER PROGRAMMES:**

- 4- week Induction/ Orientation Programme from September 23 to October 31, 2020 organized by UGC-HRDC, Aligarh Muslim University and obtained a **Grade A**.
- Refresher Course by UGC-HRDC, Punjabi University, Patiala on Life Sciences from February 05 to 18 February 2022 and obtained **Grade A**.

### **WORKSHOPS, FDP, SHORT TERM COURSES, TRAINING PROGRAMMES AND OTHERS:**

- ✓ Three days State level Workshop on Gender Budgeting sponsored by Ministry of Women and Child Development, Government of India from March 25 to March 27, 2019 by Department of Sociology in L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand).
- ✓ One day Regional Workshop on “Introduction to Intellectual Property Rights” sponsored by Uttarakhand State Council for Science & Technology held on 13 February, 2020, in L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand).
- ✓ One day “Induction Workshop for Newly Appointed Faculty Members” on 14 July 2020, organized by L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand).
- ✓ Online Certificate Course cum workshop on “Mastering Excel: Tour from Beginners to Advance” organised by Department of Computer Science and Applications in collaboration with Carrier Guidance Cell, Sanatan Dharma College, Ambala Cantt, Kurukshetra University, Kurukshetra from January 21 to January 30, 2022 with **Grade A**.
- ✓ Online Certificate Course cum workshop on “Technical Writing with Latex” organised by Sanatan Dharma College, Ambala Cantt from February 01 to February 10, 2022 with **Grade A**.
- ✓ National Workshop on “Invest in Our Planet to Restore It (IPRI-2022) on 22 April to 28 April, 2022 organized by Geology Department, L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand).
- ✓ Two days National Workshop on “Intellectual Property Right,” conducted by Department of History, L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand) on December 11 and 12 December, 2023.
- ✓ Seven days online workshop on “Biostatistical Data Analysis and Research Methodology” on December 21 to December 27 2023 organized by AIDC, Lucknow (University of Lucknow).
- ✓ Two Days workshop on “Climate Change in the Himalayan Region: Impact and Adaptations” organized under SSR Activity on 3-4 August, 2025 by D.S.B. Campus, Nainital.
- ✓ 21 Days online GIS Training Program using QGIS, conducted by Department of Geography, School of Earth Sciences, Central University of Karnataka, India, Jointly with State Institute of Urban Development, Karnataka, India from July 13 to August 02, 2020.
- ✓ 03 Days (online) Capacity Building Training Programme on Plant Taxonomy, Systematics and Phyto- Diversity from September 21- September 23, 2022, organised by A.P. Science Centre, Arunachal Pradesh State Council for Science and Technology, Govt. of Arunachal Pradesh in collaboration with Botanical Survey of India, Arunachal Pradesh Regional Centre, Itanagar.
- ✓ Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on April 11, 2022 organized by Intellectual Property Office, India.
- ✓ UGC-Approved Short Term Course Professional Development Programme On “Implementation of NEP- 2020 for University and College Teachers” (Online) under PMMMNMTT (IGNOU) and obtained **Grade A**.

- ✓ Participated in Botanical Nomenclature Course conducted by B.S.I. Northern Regional Centre, Dehradun in collaboration with USERC and APT from February 06 to February 10, 2023.
- ✓ Completed Online Certificate Course on “Data Analysis and Machine Learning Bootcamp with Python” organised by Sanatan Dharma College, Ambala Cantt from February 21 to March 02, 2022 with **Grade A**.
- ✓ Two-week (Online) FDP on “Managing Online Classes and Co-Creating MOOCs 3.0” from July 25 to August 10, 2020 by Teaching Learning Centre, Ramanujan College, University of Delhi and obtained **Grade A+**.
- ✓ One Week (Online) FDP on “Exploratory Data Analysis using Statistical Software R and SPSS” from January 07 to January 13, 2021, organised by Department of Statistics and IQAC MSCW, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, University of Delhi.
- ✓ One-week (Online) FDP on “Skill Enhancement and Capacity Building for Non- Teaching and Teaching Staff” from January 22 to January 28, 2021 by Teaching Learning Centre, Ramanujan College, University of Delhi and obtained **Grade A+**.
- ✓ One-week (Online) FDP on” Academic Research Writing” from September 05 to September 11, 2022 by Teaching Learning Centre, Ramanujan College, University of Delhi and obtained **Grade A**.
- ✓ One-week (Online) FDP on “Digital Security in Online Classroom” from October 10 to October 16, 2022 by Teaching Learning Centre, Ramanujan College, University of Delhi and obtained **Grade A+**.
- ✓ 07 Days FDP on Sustainable Development and Climate Change under MM-TTP of UGC organized by JNV University, Jodhpur, Rajasthan from June 24 to June 30, 2024 with **Grade A+**.

## **SEMINARS AND CONFERENCES (PAPER PRESENTATION)**

### **NATIONAL:**

- “Religious Plants and their Ethnomedicinal Properties in Kumaun Himalyan Region of Uttarakhand” National Seminar on Ethnomedicinal Wealth of India: Conservation and Sustainable Management held on January 29,2020 organized by Department of Botany, R.G.P.G. College, Meerut.
- “Traditional Herbal Medicinal Plants and their Indigenous Uses in Soar Valley Pithoragarh, Uttarakhand India” National Seminar on Prospectives of plant based Vedic and Cultural Practices of Indian Himalayan Regions in Human and Environmental Health held on 17-18 April, 2022 organized by Department of Botany, S.S.J. University Campus, Almora (Uttarakhand).

- “Forest Conservation and Its Impact in Uttarakhand, India” National Seminar on स्वतंत्रता संग्राम में कुमाऊं- गढ़वाल के जननायकों का सामाजिक एवं सांस्कृतिक योगदान held on 04 and 05 November, 2022 by History Department, L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand) India
- “Toxic Plants as Biological Weapons” National Seminar on India’s Security Threats: A New Challenge in the 21<sup>st</sup> Century held on 7-8 October 2023 by Department of Defence and Strategic Studies, L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand) India.
- “Some Edible Fern and Fern- Allies of Pithoragarh, Uttarakhand” National Seminar on Climate Change and Sustainability of Natural Resources in Himalayan Region held on 18-19 February 2024 by Department of Botany, S.S.J. University Campus, Almora (Uttarakhand).
- “Pharmacological Studies of Pteridophytes from Dhvaj Sacred Groves, Pithoragarh, Uttarakhand” National Conference on Plant Biodiversity: As a sustainable Supply of Bioactive Compounds (Essential Compounds) for Environment and Human Health held on 20-21 September, 2024 organised by G.D.C. College, Talwari- Tharali (Chamoli) in collaboration with USERC, Uttarakhand.
- “Diversity, Distribution and Uses of Some Medicinal Pteridophytes In kumaun Himalaya, Uttarakhand, India” National Conference on Modern Trend in Diversity of Medicinal Plants on 18 & 19 March, 2025 organised by Directorate Visiting Professor and Department of Botany, Kumaun University, Nainital.
- “Traditional Crop Millets: Nutritive Potential and Health Benefits in the Himalayan Region of Uttarakhand, India” National Seminar on Conservation of Traditional Crops in Himalayan Regions with special reference to Cereals and Millets held on 19-20 April, 2025 organized by Department of Botany, S.S.J. University Campus, Almora (Uttarakhand) and Sponsored by ANRF, New Delhi.
- “An Account of Some Common Species of Pteris from Pithoragarh District of Uttarakhand” National Conference on Earth Day 2025, titled “Science of Sustainability: Navigating a changing Earth” organized by the Department of Geology, L.S.M. Campus, Pithoragarh, on April 22-23, 2025.

### **INTERNATIONAL:**

- ✓ “गांधीजी का शिक्षा दर्शन” International Conference on “Relevance of Mahatma Gandhi in Present Global Prospective” organized by Department of B.Ed., L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand) India held on November 17-18, 2019.
- ✓ “Documentation of Medicinal Plants in Pithoragarh Region, Uttarakhand, India” International Seminar on “Role of Education, Literature, Culture and Society in Global” organized by Department of B.Ed., L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand) India on November 13-14, 2022.

- ✓ “Status of Ethano- Medicinal Pteridophytes from Dhvaj Sacred Groves, Pithoragarh, Uttarakhand” International Conference on “Advances in Science and Technology” organized by Faculty of Science in Association with IQAC, AKI’s Poona College of Arts, Science and Commerce Pune (Maharashtra) India on 06 May 2023.
- ✓ “Utilization Pattern of Locally Available Medicinal Plants in Traditional System of Medicines: Case studies from Uttarakhand” International Seminar on उत्तराखण्ड राज्य में महिलाओं की प्रभावी भूमिका 30% आरक्षण के संदर्भ में held on 08 and 09 July, 2023 by History Department, L. S. M. Govt. P. G. College, Pithoragarh (Uttarakhand) India
- ✓ “Floristic Diversity of Epiphytic Pteridophytes in Dhvaj Sacred Groves, Pithoragarh, Uttarakhand” International E-Conference on Integrated Sciences organised by Department of Botany, Chemistry, Mathematics, and Statistics and Zoology, Shri Yashwantarao Patil Science College, Solankur on 08-09 February, 2024.

## **PUBLICATIONS:**

### **Chapters in Edited Books:**

- **Neelam DharmSKU**, Kamlesh kumar Bhakuni and Suneel Chandra Joshi, 2020. गांधी जी का शिक्षा-दर्शन. “गांधी दर्शन एवं साहित्य.” Ed. Geeta Rani, Prabha Sah, and Arun Kumar Chaturvedi, Sahitya Sanchay, Delhi.2020, p.p.25-27. ISBN- 978-93-89809-28-2.
- **Neelam DharmSKU**, Pooja Negi, Archana Kandpal and Balwant Kumar, 2023. Medicinal Flora and their parts applied as household remedies for COVID19 in tarai region of Nainital district, Kumaun Himalaya. 2023.Ethnobotany: Medicinal Plants and Cultural heritage in Himalayan Region. Ed. Balwant Kumar, Manuhar Arya, Dhani Arya, Ravindra Kumar and Ritika Tamta, Almora Book Depot, Almora Uttarakhand. 2023, p.p.109-121. ISBN-978-81-959619-2-4.
- **Neelam DharmSKU**, Gayatri Thakurathi, P.B.Rao, Kamlesh kumar Bhakuni and Richa Punetha, 2023. Phytochemical screening of some Wild Members of Family Lamiaceae. “Ecology and Biodiversity of Himalaya.” Ed. Kamlesh Kumar Bhakuni, Nandan Singh Karki and Arun Kumar Chaturvedi, Nikhil Publishers & Distributors, Agra (U.P., India) 2023. pp.30-40. ISBN-978-93-5552-393-8.
- **Neelam DharmSKU**, Kamlesh kumar Bhakuni, Gayatri Thakurathi, and Richa Punetha. 2023. Epiphytic Pteridophytes Grown Around City Pithoragarh (Kumaun Central Himalaya) And Their Role in Environment Stability. “Ecology and Biodiversity of Himalaya.” Ed.Kamlesh Kumar Bhakuni, Nandan Singh Karki and Arun Kumar Chaturvedi, Nikhil Publishers & Distributors, Agra (U.P., India) 2023. p.p.41-48. ISBN--978-93-5552-393-8.
- **Neelam DharmSKU**, Kamlesh kumar Bhakuni, Gayatri Thakurathi, Richa Punetha, Shailaza Verma and J.N. Pant. 2023. Pteridophytic Diversity of Bisa Bajer Area of Pithoragarh (Kumaun Central

Himalaya). "Ecology and Biodiversity of Himalaya." Ed. Kamlesh Kumar Bhakuni, Nandan Singh Karki and Arun Kumar Chaturvedi, Nikhil Publishers & Distributors, Agra (U.P., India)2023. p.p.49-55. ISBN- 978-93-5552-393-8.

- **Neelam DharmSKU**, Sheetal Mahar, Kamlesh Kumar Bhakuni and Gayatri Thakurathi. 2024.Vegetation of Uttarakhand- An Overview.देवभूमि उत्तराखंड Ed. Kamlesh Shakta and Sanjeev prasad Bhatt, Kumud Publication, Delhi, 2024.p.p.236- 248 ISBN- 978-93-92023-80-4.