

Resume

Name: Jyoti Niwas Pant

Assistant professor Botany

Department of Botany

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Summary

- I. Assistant Professor of Botany with **more than 15 years of teaching and research experience** at the undergraduate and postgraduate levels.
- II. College **IQAC coordinator** and NAAC nodal officer with successful accreditation of the college with B grade and 2.09 grade point in 2019.
- III. **RUSA nodal officer** and project nodal officer for various innovation schemes of the state government. 2016 to 2023
- IV. **Published 7 research papers in UGC approved and web of science indexed journals** in the last 6 years.
- V. Successfully **supervised one Ph.D. scholar** to completion and am currently **guiding another Ph.D. candidate**. Additionally, I have **mentored over 30 M.Sc. dissertations** in the past five years.

Education

- I. Ph.D. in Botany (2006) from Kumaun University, Nainital. Thesis title: "Phenology of *cythea spinulosa*, *Dryopteris stenolepis* and *Dryopteris wallichiana* in relation to floristic diversity of Kumaun". Thesis supervisor: Dr. N. Punetha.
- II. M.Sc. in Botany (1997) from Govt. P.G. College, Pithoragarh, Kumaun University, Nainital. First division.
- III. B.Sc. in Botany (1995) from Govt. P.G. College, Pithoragarh, Kumaun University, Nainital. Second division.
- IV. Intermediate (1991) from National Inter College, Ranikhet (U.P. Board of Secondary Education). Second division.

- V. High school (1989) from National Inter College, Ranikhet (U.P. Board of Secondary Education). Second division.

Orientation and refresher:

1. Appear in **orientation Programme** from 25/10/2017 to 21/10/2017, at HRDC Kumaun University Nainital.
2. **Two-week Faculty development programme** 02/07/2020 to 17/07/2020 on Advance Concept for Developing MOOCS from Teaching Learning Center, Ramanujan College, University of Delhi. Under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
3. **Two-week Online Refresher Course on Environmental Studies** form 3 September to 18 September 2020 organised by UGCHRD A.M.U. Aligarh
4. **One-week faculty development programme** on “Open-Source Tools for research” 09-15 December 2021 organized by Teaching Learning Center, Ramanujan College, University of Delhi. Under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
5. Successfully completed with the UGC approved **short term professional development programme** with A+ Grade on “Implementation of NEP-2020 for University and College Teachers” held from **17-25 October 2022** organised by Indira Gandhi National Open University under Madan Mohan Malaviya Mission on Teachers and Teaching.
6. Successfully completed online **Two-week Refresher Course** in “**Life Science**” from 28 October to 11 November 2022 with A grade organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.
7. Successfully completed Online **Two-Week Interdisciplinary Refresher Course** on “**Advance Research Methodology**” from 22 September – 6 October 2022 with A+ grade, organized by Teaching Learning Centre, Rananujan College, University of Delhi, Under aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
8. Successfully completed online Two – **Week online refresher** course in “**Botany**” from 19 November – 04 December 2023 with “A” grade organized by Teaching Learning

Centre, Ramanujan College, University of Delhi, under aegis of Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.

Publication during last 6 Years:

1. Preridophytes are successful colonizers on Landslides. Indian Fern Journal, 35: 243-254. Co-author. 2018.
2. Phenology of temperate fern *Dryopteris wallichiana* (Dryopteridaceae) in Uttarakhand India. **Current Science**, 115.1805-1809, 2018.
3. Notes on some bizarre states of fertility in *thelypteris punethe* (thelypteridaceae) and *pteris critica* (pteridiaceae). **Indian Fern Journal**, 37: 141-146. Co-author. 2020.
4. Taxonomic distribution of Ferns of Milam (Nanda Devi Biosphere Reserve, West Himalaya). **Indian Fern Journal**, 38: 149-162. Co-author. 2021.
5. Pteridiophytic Diversity of Bisa Bajer Area of Plithoragarh District, Kumaon (Central Himalaya), Ecology and Biodiversity of Himalaya, **Edited Book Chapter**, Nikhil Publisher and Distributer, Agra, Uttarpradesh, India, 49-54, Co-author 2023
6. Fern Flora Of Darma Valleys Higher Elevations, Pithoragarh District, Uttarakhand, Kumaon Himalaya. **Indian Fern J.** 41(1) : 145-159 **Corresponding author** (2024)
7. Floristic study of ferns flora of Pindar Valley, District Bageshwar Uttarakhand, Kumaun Himalaya, **The Academic** Volume 2, Issue 8, 541-551, **Corresponding Author** August 2024
8. Floristic Diversity of Pteridophytes in High-Altitude Zones of the Namik Region and Surrounding Areas, Pithoragarh, Uttarakhand (Western Himalayas) **Journal of Mountain Research, Corresponding Author** (ISSN: 0974-3030; e ISSN: 2582-5011), Vol 19 (2), December, 2024
9. Fern epiphytes of the high altitudes of eastern part of Kumaun Himalaya, “**Nelumbo**” published by **Botanical Survey of India** Vol 67 (1): (48-52) 2025, ISSN (Print): 0976-5069 ISSN (Online): 2455-376X, **Co-Author**

DOI: 10.20324/nelumbo/v67/2025/173469.

10. NEW RECORD OF HABITAT DISTRIBUTION OF A LARGE VIRGIN POPULATION OF THE THREATENED TREE FERN *CYATHEA SPINULOSA* IN EAST KUMAON, WEST HIMALAYA, **Indian Fern J.** 42(2): 118-122 (2025) ISSN 0970-2741, **First Author**
11. PANDEY, S., LOHANI, J. K., PANT, J., BHATT, V., & BISHT, R. (2025). Ornamental pteridophytes of Kumaun region (Indian Central Himalaya)-An economic perspective. *JOURNAL OF ORNAMENTAL HORTICULTURE*, 28(2), 112-119. DOI NO.: 10.5958/2249-880X.2025.00020.8

Conferences/Presentations

1. **Coordinated a Two days' workshop** on "Adhigam me soochna pradyogiki ka upyog" organized by IQAC, 13-14 December 2016.
2. **Poster presentation** on "Further studies on phenology of *Cyathea spinulosa* in subtropical Himalaya" in an **international conference** "The genomic age challenges and opportunities in taxonomy and biology of Indian pteridophytes" organized by Botanical Survey of India in association with **Indian Fern Society in ISSR Pune 3-4 March 2017.**
3. **Paper presentation on "Phenology of temperate fern *Dryopteris stenolepis* (bak.) C.chr (Dryopteridaceae) in Uttarakhand Himalayas, India"** in a conference "Pteridological studies in India: Perspective, and approaches in relation to environment and climate change" organized by Botanical survey of India in association with Indian Fern Society, **Itanagar, Arunachal Pradesh, India on 22 and 23 February 2018.**
4. Main talk on "**Innovative practices on Teaching learning processes at elementary and secondary level**", organized by **DIET Didihat**, Pithoragarh, India 15-16 February 2018.
5. Participated in Orientation cum capacity building workshop organized by RSD Uttarakhand Open University, Haldwani (Nainital), 29 May 2019.
6. **Oral Presentation on "Fern Diversity of Hokra Sacred Groves (Uttarakhand Himalaya)"** in **National Conference** on Pteridology: Today and Tomorrow, relevance to impact on diversity and climatic change, jointly organised by Indian Fern Society and Department of Botany, **M.S. University Baroda, Vadodara Gujrat, on 24-25 February 2020.**

Incubation and Extension Activities:

1. Tea Cultivation under Mukhymantri Navachar Yojna.
2. Mushroom cultivation under Jila Navachar Nidhi
3. Incharge Aromatic and Herbal plants demonstration center, Govt. P.G. College Berinag
4. Educational Tour and skill development Training to students in Lab to Land project supported by Department of Agriculture, Uttarakhand Government.

Academic Work Experience

- a. Assistant Professor of Botany (2016-present) at Dept. of Botany, Govt. Post-Graduate College, Berinag.
- b. Teaching various courses in botany to undergraduate and postgraduate students.
- c. Conducting research on pteridophytes, ecology, phenology, and biodiversity of Kumaun region.
- d. Guiding Ph.D. and M.Sc. students in their research projects and dissertations.
- e. Organizing workshops, seminars, and field trips for students and faculty members.
- f. Published average one research paper each year on UGC approved web of science indexed prestigious research Journals.

College RUSA nodal officer (2019-2023) at Govt. Post-Graduate College, Berinag.

- a. Led the strategic implementation of the Rashtriya Uchchatar Shiksha Abhiyan (RUSA) scheme within the institution.
- b. Collaborated with committee members to draft and submit proposals and reports for infrastructure development and campus renovation under RUSA guidelines.
- c. Oversaw the effective utilization, allocation, and maintenance of RUSA-sanctioned funds and resources.
- d. Monitored project progress and ensured continuous quality enhancement across all RUSA-supported initiatives.

Co-Ordinator of Uttarakhand Open University study center (2016-2023) at Govt. Post-Graduate College, Berinag.

- a. Oversaw the admission, examination, and evaluation processes for students enrolled in Science and Arts streams under the Uttarakhand Open University.
- b. Managed faculty and student engagement, including attendance tracking, performance appraisal, and coordination of academic activities.
- c. Provided comprehensive academic and administrative support to students affiliated with the Study Center, ensuring smooth operations and learner-centric services.

Date: 18/06/2026



(Dr. Jyoti Niwas Pant)
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