

BIODATA OF DR. RICHA PUNETHA

Dr. Richa Punetha

Assistant Professor, Botany

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PERSONAL INFORMATION

Date of Birth	-	23-05-1977
Blood Group	-	AB+
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EDUCATIONAL QUALIFICATION

- **Ph.D.** Morphogenetic Studies on *Drynaria propinqua* (J.Smith) Wall, (Polypodiaceae) from Kumaun University, Nainital in 2006.
- **M.Sc.** in Botany from Kumaun University, Nainital in 1999.
- **B.Sc.** in Botany from Kumaun University, Nainital in 1997.

Academic Experience

- Presently working as **Assistant Professor** at Govt. P.G. College, Ramnagar from 2022 to till date.
- Worked as **Assistant Professor** at Govt. P.G. College, Pithoragarh from 2016 to 2022.
- Worked as **Assistant Professor** at Govt. P.G. College, Pithoragarh from 2006 to 2016 on contractual basis.

Life Member of Indian Fern Society

Attended many national and international conferences on ferns and lycophytes in India and presented papers.

Award/Recognition :	1.	Certificate of merit of Indian Fern Society : 2014
	2.	S.S. Bir Gold medal of Indian Fern Society 2018.
	3.	Mukhyamantri Utkrishtya Shodh Patra Prakashan Protsahan Yojna 2024 award

RESEARCH PAPERS PUBLISHED :

1. Punetha, N. and **Punetha Richa**. 1999 Distribution and ecology of extant lycopsids in Kumaon (central Himalaya) Proc. Natl. Acad. Sci. India 69 : 299-305 ISSN 0369-8211
2. Punetha, N., **Punetha Richa** and Bhakuni, Kamlesh. 2007 Wealth of ferns and fern allies in the botanical garden at Pithoragarh (Central Himalaya) Indian Fern J. 24: 54-59 ISSN0970-2741.
3. Punetha, N., Bhakuni, Kamlesh and **Punetha, Richa**. 2007 A note on a freak frond of *Pteris cretica* Linn. Indian Fern J. 24: 122-124 ISSN0970-2741.
4. Punetha, N., Kholia, B.S. and **Punetha Richa**. 2008 Some aspects of morphology, branching of rhizome and crozier uncoiling phenomenon in *Osmunda regalis* L. Phytomorphology 58 :-9-14 ISSN 0031=9449.
5. **Punetha Richa**, Punetha, N. and Bhakuni, Kamlesh. 2009 A note on a abnormal spike of *Ophioglossum reticulatum* L. J. Indian Botanical Society 89 : 227-228 ISSN 0019-4468.
6. Kholia, B.S., Bhakuni, Kamlesh and **Punetha Richa**. 2010 *Aleuritopteris punethae* (Pteridaceae) a new species of silver ferns from Indian Himalaya Telopea 12:485-489. ISSN 0312-9764.
7. Punetha, N., Kholia, B.S., **Punetha Richa** and Bhakuni, Kamlesh. 2010 An updated list of Pteridophytes of Uttarakhand, In: R.K. Gupta and M. Kumar (Eds.) Diversity of Lower Plants. I.K. International Publishing House, New Delhi, India, pp 248-263.
8. Punetha, N. Bhakuni, Kamlesh and **Punetha Richa** 2011 Phenology of the 'Royal fern' from Kumaon Himalaya and its bearing on the identity and taxonomy of the species Indian Fern J. 28: 41-47 ISSN0970-2741
9. Punetha, N., Bhakuni, Kamlesh and **Punetha Richa** 2011 Habitat conservation: an under explored aspect of Himalayan forests. Proceedings of the National Conference on Environmental Conservation, Ed., Shail Kulshrestha. Dehra Dun. Pp 9-19.
10. Kholia, B.S., Bhakuni, Kamlesh, **Punetha Richa** and N.S. Bankoti 2012 Taxonomic studies on central Himalayan species of fern genus *Lepisorus* (Polypodiaceae) with a note on thickness of rhizome and deciduousness of the lamina. NeBio 3: 28-40 (On line version ISSN 2278-2281)
11. Bhakuni, Kamlesh, **Punetha R.** and B.S. Kholia 2012 On the rediscovery of *Pellaea calamianensis* in central Himalaya with a note on its distribution. Nelumbo (Bul. Bot. Surv. India) 54:182-186. ISSN 0976 5069

12. **Punetha Richa**, Kamlesh Bhakuni and B.S. Kholia 2013 Lithophytic ferns and fern allies of Kumaon. In : R.A. Singh (Ed.) Landslides and Environmental Degradation. Gyanoddaya Prakashan, Nainital (India) pp 239-252 ISBN; 81-85097-90-9.
13. Kholia, B.S., Ranjan Joshi and **Punetha Richa**, 2013 Extended distribution of *Cyathea spinulosa* Wall. ex Hook. in Uttarakhand Himalaya with a note on distribution and diversification of Himalayan ferns in relation to recent climate change. NeBio 4:40-45. (On line version ISSN 2278-2281)
14. Bhakuni, K. and **Punetha Richa**, 2014. Diversity of ferns and fern allies of Kausani hills (Kumaon, Central Himalayas). In : R.A. Singh (Ed.) Geology, Biodiversity & Natural Resources of Himalaya and their Intellectual Property Law. Pratyush Publication, Delhi. Pp. 274-281. ISBN; 978-93-82171-40-9
15. Bhakuni, Kamlesh, **Punetha Richa** and N.S. Bankoti 2015. Ethnomedicinal Pteridophytes of Kumaon (central Himalaya). In: R. Kumar (Ed.) Ethnopharmacology: Indian Trends, Perspectives and Innovations. Radha Publications, New Delhi. Pp.8-12. ISBN: 978-81-7487-947-9
16. Kedia, V.K., **Punetha Richa** and Kamlesh Bhakuni 2015. Comparative study on antimicrobial activity of two edible ferns: *Diplazium esculentum* and *D. maximum*. In: R.Kumar (Ed.) Ethnopharmacology: Indian Trends, Perspectives and Innovations. Radha Publications, New Delhi. Pp. 131-134. ISBN:978-81-7487-947-9
17. Kholia. B.S., **Punetha Richa**, Bhakuni K. 2016. A fresh look on the Pteridophytic diversity of Uttarakhand. In : C.S. Negi (Ed.) Uttarakhand : Nature, Culture, Biodiversity, pp 306-315. Winsar Publishing Co., Dehra Dun.
18. Punetha, N. and **Punetha R.** 2018. Leaf vasculature, leaf blade anatomy and epidermal features in gleichenioid ferns. In: Verma, S.C. (Ed.) Pteridology Today. Proceedings of Natl. Symposium on the Genomic Age: Challenges and Opportunities. BSI, Publication pp 91-100. ISBN 81-8177-099-4.
19. Bhakuni, K., Punetha, **R. Punetha**, N. and Pant, A.K. 2018. Pteridophyte diversity of High altitudes of Himalaya. In: Verma, S.C. (Ed.) Pteridology Today. Proceedings of Natl. Symposium on the Genomic Age: Challenges and opportunities. BSI, Publication pp 219-228. ISBN 81-8177-099-4.
20. **Punetha R.**, Bhakuni, K., Pant, J.N. and Punetha. N. 2018. Pteridophytes are successful colonisers on landslides. Indian Fern Journal 35:243-254. ISSN 0970-2741
21. Punetha, N., Pant J.N., **Punetha, R** and Bhakuni, K. 2018 Phenology of a temperate fern *Dryopteris wallichiana*. Current Science 115:1805-1809.
22. **Punetha, R.**, Joshi, S. and Bhakuni.K. 2019. Reporting *Annogramma reichstenii* Fraser-Jenk. (Pteridaceae) from east Kumaon (west Himalaya). Indian Fern Journal 36:287-290. ISSN 0970-2741.

23. Joshi, S.C., Bhakuni, K., **Punetha, R.** and Anderson, O.R. 2020. Observations on epiphytic ferns of Kedarnath wildlife sanctuary (west Himalaya). Indian Fern Journal 37:287-290. ISSN 0970-2741.
24. Bhakuni, K., Joshi, S.C., Anderson, O.R. and **Punetha, R.** 2021 Ferns and Lycophytes of Gori valley, Western Himalaya, Uttarakhand : (A case study). American Fern Journal 111:6-23. (On line-doi.org/10.1640/0002-8444-111-1.6)
25. Bhakuni Kamlesh, **Punetha Richa**, Pant J.N. and Punetha N. 2021. Taxonomic distinction offers of Milam (Nanda Devi Biosphere Reserve, West Himalaya). Indian Fern Journal 38:149-162 (2021)
26. Thakurathi Gayatri, Rao P.B., Bhakuni K. Kamlesh, Dharmasktu Neelam and **Punetha Richa**, 2023. Phytochemical Screening of Some Wild Members of family Lamiaceae Pp. 30-40. Nikhil Publishers & Distributors 37, Nikhil Publishers & Distributer Agra. Ecology and Biodiversity of Himalaya ISBN : 978-93-5552-393-8.
27. Bhakuni K Kamlesh, Dharsaktu Neelam, Thakurathi Gayatri and **Punetha Richa**, 2023. Epiphytic Pteridophytes grown around city Pithoragarh (Kumaun, Central Himalaya) And Their Role In Environment Stability Pp. 41 to 48. Nikhil Publishers & Distributer Agra. Ecology and Biodiversity of Himalaya ISBN : 978-93-5552-393-8.
28. Bhakuni K Kamlesh, Dharsaktu Neelam, Thakurathi Gayatri, **Punetha Richa**, Verma Shailaza and Pant J.N. 2023. Pteridophtic Diversity of Bisa Bajer Area of Pithoragarh District (Kumaon, Central Himalaya) Pp 49-55. Nikhil Publishers & Distributer Agra Ecology and Biodiversity of Himalaya ISBN : 978-93-5552-393-8.
29. Punetha N., Joshi Sonee and **Punetha Richa**, 2024. Tapering of aerial stem in Equisetum. Pp 5-20. Phytomorphology. <https://doi.org/10.56024/ispm.74.1ampresand2.2024/05-20>
30. Joshi, S. & **Punetha, R.** 2025 Insect interaction with Equisetum species in Kumaon (west Himalaya), Indian Fern J. , 42(2): 28-39
31. Pandey Sachin, Pant J.N., **Punetha Richa** & Sanjay Kumar 2025. Fern epiphytes of the high altitudes of eastern part of Kumaun Himalaya. Nelumbo Vol 67(1): (48-52) 2025 DOI: 10.20324/nelumbo/v67/2025/173469
32. J. N. Pant, Sachin Pandey, Kamlesh Bhakuni and **Richa Punetha**. 2025. 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)