

Kumaun University, Nainital

Curriculum Vitae

Name : **Dr. Naveen Chandra Pandey**
Designation : Guest Faculty
Department : Botany
Contact Information
• Email Address : pandeynaveen10@gmail.com
• Mobile No : 9458364860
LinkedIn Profile (Optional) :
ORCID ID : <https://orcid.org/0000-0003-2887-5557>
Scopus ID : pandeynaveen10@kunainital.ac.in
Vidwan ID : -

Educational Qualification

Degree	Board/University	Subjects	Year
B.Sc.	Kumaun University Nainital	Zoology, Botany, Chemistry	2006
M.Sc.	Kumaun University Nainital	Botany	2008
Ph.D.	Kumaun University Nainital	Botany	2020
PGDESD	IGNOU New Delhi	Environment, Sustainable Development	2022

Work Experience

Position	Department	University/Organization	Year
Field Research Fellow	Biodiversity and Environment Unit	Lok Chetna Manch NGO Ranikhet	2011-2014
Herbarium Assistant	Herbarium Section	Regional Ayurvedic Research Institute (CCRAS) Thapla, Ranikhet	2014-2015
Resource Person	ENVIS Centre, GBPNIHE, Kosi-Katarmal Almora	G.B. Pant National Institute of Himalayan Environment, Kosi-Katarmal Almora	January 2020, February 2021
Field Biologist	Centre for Biodiversity and Conservation Management (CBCM)	G.B. Pant National Institute of Himalayan Environment, Kosi-Katarmal Almora	30.09.2020 to 11.09.2020
Guest Faculty	Botany Department D.S.B. Campus, Nainital	Kumaun University Nainital	2020 to till date

Administrative Responsibilities

Position	Nature of responsibility	University/Organization	Year
Assistant Coordinator	IGNOU Study Centre D.S.B. Campus, Nainital	Kumaun University Nainital	2022 to till date
Member	Admission Committee (M.Sc. I st Sem. Botany)	D.S.B. Campus, Kumaun University Nainital	2020-2023
Member	Innovation and Incubation Centre Kumaun University Nainital	Kumaun University Nainital	2020 to till date
Member	Admission Committee (B.Sc. I st Sem. Biology)	D.S.B. Campus, Kumaun University Nainital	2020-2022

Research Interests:

1. Plant Taxonomy
2. Biodiversity Conservation
3. Ethno-Botany

Publications

a) Research Papers

Authors name	Title of the paper	Journal, Vol. Page No.	Year
Geetanjali Upadhyay, Ashish Tewari, Lalit Mohan Tewari and Naveen Ch. Pandey .	Diversity and regeneration status of tree species in Binsar Wildlife Sanctuary, Uttarakhand, India.	Indian Journal of Forestry, 46(2): 97-104.	2023
Geetanjali Upadhyay, Lalit M. Tewari, Ashish Tewari, Naveen C. Pandey , K. Chandra Sekar.	Floristic diversity of Binsar wildlife sanctuary, Uttarakhand, India.	Acta Ecologica Sinica, 1-6.	2023
Geetanjali Upadhyay, Sheetal Koranga, Disha Pandey, Lalit Mohan Tewari, Geeta Tewari, Vasundhara Lodhiyal, Disha Upreti, Santosh Kumar Upadhyay, Amrita Kumari, Naveen Ch. Pandey .	Investigation on the Phytochemical Analysis and Biological Activity of <i>Daphne papyracea</i> Wall. ex Steud. Leaf Extracts from Kumaun Himalaya.	Letters in Applied NanoBioScience, 12(4): 1-9.	2023
Naveen Ch. Pandey , Lalit	Diversity, utilization and	World Journal of	2021

M. Tewari and G.C. Joshi.	threat status of ethno-medicinal plants in Betalghat block, Nainital district (Kumaun Himalaya).	Pharmaceutical and Life Sciences, 7(12): 136-154.	
Naveen Ch. Pandey , Lalit M. Tewari and G.C. Joshi.	Diversity, distribution and utilization pattern of shrubs of Betalghat Region (Kumaun Himalaya).	Asian Journal of Plant and Soil Sciences, 6(1): 159-174.	2021
Naveen Ch. Pandey , Neha Chopra, G.C. Joshi and Lalit M. Tewari.	Diversity of Legumes of Betalghat, Kumaun, Western Himalaya. <i>Biolife</i> , 8(2): 1-9.	<i>Biolife</i> , 8(2): 1-9.	2020
Naveen Ch Pandey , Neha Chopra, G.C. Joshi, Lalit M. Tewari and Geeta Tewari.	Diversity and utilization of weed flora in Nainital district, Western Himalaya.	International Journal of Agriculture and Nutrition, 2(1): 23-28.	2020
Lata Rana, Ankita Rai, Lalit M Tewari, Neha Chopra, Naveen C. Pandey and Geeta Tewari.	Drying Potential of Leaves Oil of <i>Zanthoxylum armatum</i> DC. from North India.	The Open Bioactive Compounds Journal, 9 (11): 9-14.	2021
Geetanjali Upadhyay, Lalit M. Tewari, Geeta Tewari, Neha Chopra, Naveen C. Pandey , Santosh K Upadhyay and Rekha Gahtori.	Evaluation of Antioxidant Potential of Stem and Leaf Extracts of Himalayan <i>Tinospora cordifolia</i> Hook. f. & Thomson.	The Open Bioactive Compounds Journal, 9(3): 1-8.	2021
Neha Chopra, Naveen Pandey , Lalit M. Tewari and Ashish Tewari.	Floristic composition of ethnomedicinal plants used by indigenous people in Tarai region, Kumaun Himalaya.	Journal of Medicinal Plant Studies, 7(4): 139-143.	2019
Lalit M. Tewari, Lata Rana, Santosh K. Arya, Geeta Tewari, Neha Chopra, Naveen C. Pandey , Penny Joshi and Rekha Gahtori.	Efect of drying on the essential oil traits and antioxidant potential <i>J. regia</i> L. leaves from Kumaun Himalaya.	SN Applied Sciences, 1:1-9.	2019
Brij M. Upreti, Naveen Ch. Pandey , Neha Chopra and	Species diversity among two forests of Nainital, Kumaun	International Journal for Research in Applied Science	2019

Lalit M. Tewari.	Himalaya.	& Engineering Technology, 7(8): 1-4.	
Brij M. Upreti, Naveen Ch. Pandey and Lalit M. Tewari.	Perceptions of local communities towards sacred forests in Pithoragarh District of Kumaun Himalaya, India.	World Journal of Pharmaceutical and Life Sciences, 5(2): 169-173.	2019
Sheetal Oli, Neha Chopra, Lalit M. Tewari, Brij Mohan, Naveen Pandey , Mamta Bharti, Neetu Bohra, Geeta Tewari.	Phytotoxic effect of the extracts of <i>Parthenium hysterophorus</i> L. on the germination, seedling growth and biomass of some agricultural crops.	G- Journal of Environmental Science and Technology, 5(4): 152-157.	2018
Naveen Ch. Pandey , Neha Chopra, G.C. Joshi, Lalit M. Tewari and Y.P.S. Pangtey.	Utilization pattern, distribution, and tree diversity of Betalghat Block, Nainital District (Western Himalaya).	Global Journal of Science Frontier Research, 18(2): 49-60.	2018
Naveen Ch. Pandey , Lalit M. Tewari, G.C. Joshi and Brij M. Upreti.	Physico-chemical characterization of oak, pine and sal forest soil profiles of Betalghat Region of Kumaun Himalaya.	Eurasian Journal of Soil Science, 7(3): 261-272.	2018
Mamta Bharti, Lalit M. Tewari, Ashish Tewari and Naveen C. Pandey .	Diversity of Plant Species along with Invasive Alien species of <i>Shorea robusta</i> Gaertn and <i>Pinus roxburghii</i> Sarg (350-1900 m) forests of Nainital District West Himalaya.	World Journal of Pharmaceutical and Life Sciences, 4(7): 159-167.	2018
Neha Chopra, Geeta Tewari, Lalit M. Tewari, Brij Upreti, and Naveen Pandey .	Allelopathic Effect of <i>Echinochloa colona</i> L. and <i>Cyperus iria</i> L. Weed Extracts on the Seed Germination and Seedling Growth of Rice and Soyabean.	Advances in Agriculture, 1-5.	2017

Naveen Ch. Pandey , Deepika Bhatt, Deepshikha Arya, Neha Chopra, Brij Mohan Upreti, G.C. Joshi and Lalit M. Tewari.	Diversity of Ethno-medicinal Plants: A case study of Bageshwar district Uttarakhand.	Journal of Medicinal Plants Studies, 5(2): 11-24.	2017
Naveen Ch. Pandey , Deepika Bhatt, Deepshikha Arya, Brij Mohan Upreti, Neha Chopra, Girish Chandra Joshi, Lalit M. Tewari.	Patterns of agro-diversity with its socio-economic uses at Gagas Valley, Almora, Kumaun Himalaya.	International Journal of Conservation Science, 8(2): 317-324.	2017
Naveen Ch. Pandey , G.C. Joshi, Lalit M. Tewari and Y.P.S. Pangtey.	Diversity of fodder plants of Betalghat Block, Nainital District, Western Himalaya.	International Journal of Environment, 6(4): 1-27.	2017
Naveen Ch. Pandey , Neha Chopra, G.C. Joshi and Lalit M. Tewari.	Agro-diversity and ethno-botanical distribution: A case study of Tarikhet Block, Kumaun Himalaya.	International Journal of Botany Studies, 1(5): 32-42.	2016
Naveen Ch. Pandey, G.C. Joshi and Lalit M. Tewari.	Ethnobotanical plant diversity of Betalghat region, Kumaun Himalaya. \	Biolife, 4(4): 629-649.	2016

b) **Patents: Nil**

c) **Books**

Authors name	Title of the book	Publisher	ISBN	Year
Naveen Ch. Pandey , G.C. Joshi, Y.P.S. Pangtey, Lalit M. Tewari and Jeewan Singh Jalal	Flora of Betalghat (Nainital), Western Himalaya, India	Corvette Press 123, Ground Floor, Sector-3, Vasundhara, Ghaziabad, Uttar Pradesh-201012	978-93-91385-06-4	2022
G.C. Joshi, Yashpal S. Pangtey, Naveen Ch. Pandey , Gajendra Singh, Lalit M. Tewari	Legume and Thistle Flora of Kumaun, Western Himalaya, India	Corvette Press (Publishers & Distributors) Indu Book Services Pvt. Ltd. (Publishers &	978-81-947824-3-8	2021

		Distributors)		
Deepika Bhatt, G.C. Joshi, Lalit M. Tewari and Naveen Ch. Pandey	Traditional Medicinal Systems and Threatened Medicinal Plants of Kumaun, Western Himalaya, India.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi.	978-93-86754-70-7	2020
Gokul Singh Martolia, Yashpal S. Pangtey, Lalit M. Tewari and Naveen Ch. Pandey	Pteridophytic Flora of Nainital District, Western Himalaya, India	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi.	978-93-86754-67-7	2020
Brij Mohan Upreti, Ashish Tewari, Lalit M. Tewari and Naveen Ch. Pandey	Sacred Forests of Pithoragarh, Western Himalaya, India.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi.	978-93-86754-44-8	2019
G.C. Joshi and Lalit M. Tewari, Naveen Ch. Pandey , Brij. M. Upreti	Flora of Ranikhet, Western Himalaya.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi.	978-93-86754-22-6.	2018

d) Book chapters

Authors name	Title of the book	Publisher	ISBN	Year
Sheetal Koranga, Lalit M. Tewari, Geeta Tewari, S.K. Upadhyay, A. Kumari, Naveen C. Pandey , Geetanjali Upadhyay, Disha Upreti and Vasundhara Lodhiyal.	Sustainable Utilization and Conservation of Biological Wealth.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi	978-93-91377-88-5.	2024

Disha Upreti, L. M. Tewari, Medha Durgapal, Geeta Tewari, Santosh Kumar Upadhyay, Amrita kumari, Naveen Pandey , Geetanjali Upadhyay, Vasundhara Lodhiyal, Girish C. Kharkwal and Depika Pant.	Modern Trends in Medicinal Plants and Aromatic Plants.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi	978-93-91377-78-6	2023
Deepti Tiwari, I. D. Bhatt, L. M. Tiwari, R.C. Sundriyal, Veena Pande and Deepika Pant.	Modern Trends in Medicinal Plants and Aromatic Plants.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi	978-93-91377-78-6	2023
Naveen Ch. Pandey , Neha Chopra, Lalit M. Tewari and G.C. Joshi.	Ethnobotany and Biodiversity Conservation.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi	978-93-86754-65-3	2020
Lalit M. Tewari, G. Tewari, Neha Chopra, Ashish Tewari, Naveen C. Pandey and Manish Kumar.	Natural Products and Their Utilization Pattern.	Nova Science Publishers, New York.	978-1-53618-140-1.	2020
Lalit M. Tewari, Brij M. Upreti, Neetu Bohra, Mamta Bharti, Naveen Pandey ,	Microbiological Pharmacological Aspects of Biodiversity.	Discovery Publishing House Pvt. Ltd., New Delhi, India.	978-93-5056-878-1.	2017

Neha Chpra, Geeta Tewari and Tapan Nailwal.				
Jagdish C. Arya, G.C. Joshi, Geeta Tewari, Lalit M. Tewari, Naveen Pandey , Brij M. Upreti and Kamal Kishor.	Medicinal and Nutritional Values of Plants.	Discovery Publishing House Pvt. Ltd., New Delhi, India.	978-93-5056-883-5.	2017

e) Conference Publications/Proceedings

Authors name	Title of the paper	Conference name	Year
Naveen Ch. Pandey , G.C. Joshi, Lalit M. Tewari and Brij M. Upreti.	Ethno-Medicinal Potential of Selected Plants of Family Zingiberaceae From Betalghat Region, Nainital (Kumaun Himalaya)	Proceeding of the webinar on Promoting MAPs sector for sustainable development under Post Covid-19 Scenario in the Western Himalaya	2020
Naveen Ch. Pandey , G.C. Joshi and Lalit M. Tewari.	Diversity, Utilization and Conservation Status of Some Important Threatened Ethno- medicinal Plants in the Betalghat Region, Nainital District (Kumaun Himalaya).	13 th Uttarakhand State Science & Technology Congress	2019
Naveen Ch. Pandey , G.C. Joshi and Lalit M. Tewari.	Distribution, Status of Threatened Plants of Two Forest Type in Betalghat Region, Nainital District, Kumaun Himalaya.	International Seminar on Environment governance and Sustainable Development in 21st Century India: Challenges for the Mountains regions in the Anthropocene.	2017
Naveen Ch. Pandey , G.C. Joshi and Lalit M. Tewari.	Diversity and Indigenous Uses of Plants Belonging to Family Euphorbiaceae, Betalghat Region, Nainital District, Kumaun Himalaya.	12 th Uttarakhand State Science & Technology Congress	2017
Naveen Ch.	Ethno-Botanical Uses of Family	11 th Uttarakhand State Science &	2016

Pandey, G.C. Joshi and Lalit M. Tewari.	Fabaceae of Betalghat Region, Along With Kosi Catchment Area.	Technology Congress	
--	--	---------------------	--

Projects

Title of the project	Funding agency	Amount (Rs)	Year
Ongoing			
Conservation and Digitization of Herbarium at Botany Department, Kumaun University, Nainital, Uttarakhand (Co-PI)	Uttarakhand State Council for Science and Technology, Vigyan Dham, Dehradun	6.00 Lakh	2024-2026
Studies on Conservation of <i>Pittosporum eriocarpum</i> Royle (Pittosporaceae): An Endangered Endemic Medicinal Plant of Uttarakhand (Co-PI)	Kumaun University Nainital	2.00 Lakh	2023-2025
Conservation of Selected Ethno-Medicinally Important plants of Kumaun Himalaya (Co-PI).	IERP, Kosi, Katarmal Almora	12.93 Lakh	2023-2026

Teaching details

Name of the course/paper	Department	University	Year
Bryophyta and Pteridophyta (Paper IV, M.Sc. Ist Sem)	Botany	Kumaun University Nainital	November 2021 to till Date
Microbes, Algae, Fungi and Bryophytes (Paper 1-B.Sc. I Sem)	Botany	Kumaun University Nainital	July 2022 to till Date
Pteridophytes, Gymnosperms and Angiosperms (Paper 1-B.Sc. II Sem)	Botany	Kumaun University Nainital	July 2022 to till Date
Diversity and Taxonomy of Angiosperms (Paper VI, M.Sc. II Sem)	Botany	Kumaun University Nainital	November 2021 to till Date
Plant Development and Reproductive Biology (Paper VII, M.Sc. II Sem)	Botany	Kumaun University Nainital	November 2021 to till Date

Plant Resource Utilization and Conservation (Paper X, M.Sc. III Sem)	Botany	Kumaun University Nainital	November 2021 to till Date
Taxonomy of Angiosperms (EC/SP, M.Sc. IV Sem)	Botany	Kumaun University Nainital	November 2021 to till Date
Medicinal Plants of Uttarakhand (SSC, M.Sc. IV Sem)	Botany	Kumaun University Nainital	November 2021 to till Date

Professional Memberships

Organization	Position	Year
Indian Science Congress	Life Member	2023
Indian Botanical Society	Fellow of Botanical Society (FBS)	2023
Association for Plant Taxonomy	Life Member	2023
Bose Science Society, Tamil Nadu Scientific Research Organization	Life Member	2023

Honours and Awards

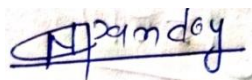
Award	Awarding Organization	Year
Dr. Y.P.S. Pangtey Research Award	SRICC Kumaun University Nainital	2021, 2022

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Studies on Ethno-Botanical Plants Used by Tharu Tribe of Sitarganj Region, Udham Singh Nagar (Uttarakhand)	9 th International Conference on Current Approaches in Agricultural, Biological and Applied Sciences for Sustainable Development	Faculty of Agriculture & Agro-forestry Kumaun University Nainital & Agro Environmental Development Society (AEEDS) Majhra Ghat, Rampur, U.P., India	2024
Diversity, Distribution and Status of Threatened Medicinal Plants of Kumaun Himalaya, India.	National Seminar on Climate Change and Sustainability of Natural	Department of Botany, S.S.J. University, Almora	2024

	Resources in Himalayan Region		
Diversity, Distribution and Indigenous Uses of Threatened Medicinal Plants of Nainital, Kumaun Himalaya.	National Conference on Current Status and Opportunities in Medicinal Plant Research and Natural Product Research.	Sponsored Research and Industrial Consultancy Cell (SRICC), Kumaun University, Nainital.	2021
Diversity, Utilization and Conservation Status of Some Important Threatened Ethno-medicinal Plants in the Betalghat Region, Nainital District (Kumaun Himalaya).	13 th Uttarakhand State Science & Technology Congress	Uttarakhand State Council for Science and Technology, Vigyan Dham, Dehradun	2019
Ethno-Botanical Studies of Kumaun Himalaya.	National Seminar on Plants and Environment (NSSAPPE)	Department of Botany, D.S.B. Campus, Kumaun University, Nainital	2017
Diversity and Indigenous Uses of Plants Belonging to Family Euphorbiaceae, Betalghat Region, Nainital District, Kumaun Himalaya.	12 th Uttarakhand State Science & Technology Congress	Uttarakhand State Council for Science and Technology, Vigyan Dham, Dehradun	2017
Distribution, Status of Threatened Plants of Two Forest Type in Betalghat Region, Nainital District, Kumaun Himalaya.	International Seminar on Environment governance and Sustainable Development in 21st Century India: Challenges for the Mountains regions in the Anthropocene.	Uttarakhand Political Science Association (UPSA), UGC, HRDC, Kumaun University Nainital	2017

Ethno-Botanical Uses of Family Fabaceae of Betalghat Region, Along With Kosi Catchment Area.	11 th Uttarakhand State Science & Technology Congress	Uttarakhand State Council for Science and Technology, Vigyan Dham, Dehradun	2016
--	--	---	------



Signature of the faculty member