

**Kumaun University, Nainital
Curriculum Vitae**

Name : **Dr. Lalit Mohan Tewari** FRSB & FLS (London), FIBS
 Designation : Professor
 Department : Botany
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Educational Qualification

Degree	Board/University	Subjects	Year
Ph.D.	Kumaun University Nainital	Botany	1992
M.Sc.	Kumaun University Nainital	Botany	1989
B.Sc.	Kumaun University Nainital	Zoology, Botany & Chemistry	1987

Work Experience

Position	Department	University/Organization	Year
Professor	Botany	Botany Department, D.S.B. Campus, Kumaun University, Nainital	26.07.2011 to till date
Associate Professor	Botany	Botany Department, D.S.B. Campus, Kumaun University, Nainital	26.07.2008 to 26.07.2011
Reader	Botany	Botany Department, D.S.B. Campus, Kumaun University, Nainital	26.07.2005 to 26.07.2008
Senior Lecturer	Botany	Govt. P.G. College, Ranikhet	22.02.2003 to 26.07.2005
Lecturer	Botany	Govt. P.G. College, Ranikhet	22.02.1999 to 21.07.2003
Research Associate	Botany	Botany Department, D.S.B. Campus, Kumaun University, Nainital	01.01.1994 to 31.12.1998
JPF	Botany	Botany Department, D.S.B. Campus, Kumaun University, Nainital	08.04.1993 to 30.12.1993
JRF	Botany	Botany Department, D.S.B. Campus, Kumaun University, Nainital	01.04.1990 to 30.09.1991

Administrative Responsibilities

Position	Nature of responsibility	University/Organization	Year
Member/Coordinator	Student Union Committee, Sports Committee, UGC Committee, Purchase Committee, Admission Committee, Annual Function Committee, Proctor Broad Committee, Environmental Awareness Programmes	Govt. P.G. College Ranikhet	1999-2005

Convenor	Admission Committee (B.Sc. II & III, Semester, M.Sc. 1 year)	D.S.B. Campus, Kumaun University Nainital	2008-2019
Deputy Controller	Examination	Kumaun University	2008
Programme officer and Incharge	N.S.S.	NSS Kumaun University, Nainital	2008-2009
Reviewer	Review	Various National and International Journals	2009 Onwards
Member	BOS/Faculty Board	Botany Department Kumaun University Nainital	2011 Onwards
Member	Organizing Committee (Convocation), Kumaun University	Kumaun University Nainital	2006 to 2023
Convener	External Flying Squad, Kumaun University	Kumaun University Nainital	2006-2007, 2018-2019
Member	C.B.C.S. Syllabus (Botany) Preparation Committee	Kumaun University Nainital	2018 Onwards
Coordinator	Pre-Ph.D. Course Work	Kumaun University Nainital	2018
Coordinator	NSS Kumaun University, Nainital	Kumaun University Nainital	2014-2019
Member	Academic Council, Kumaun University, Nainital	Kumaun University Nainital	2013 to 2023
Nodal Officer	IPR Cell	Kumaun University Nainital	2013-2017
Acting HOD	Botany Department D.S.B. Campus	Kumaun University Nainital	2019, 15/09/2022
Acting Dean	Faculty of science	Kumaun University Nainital	January 2014
OSD	Kumaun University	Kumaun University Nainital	2017-2020
Coordinator, IGNOU	IGNOU Study Centre D.S.B. Campus Nainital	Kumaun University Nainital	2019 to till date
Director	Research and Development Cell (RDC)	Kumaun University Nainital	2020-2023
Acting Director, DIC	Acting Director, DIC	Kumaun University Nainital	18-23 January 2021
Director Incharge	D.S.B. Campus, Nainital	Kumaun University Nainital	17-23 February 2022
Dean Student Welfare (In-charge)	D.S.B. Campus, Nainital	Kumaun University Nainital	27-29 August 2022 20-26 January 2024
ADSW	D.S.B. Campus, Nainital	Kumaun University Nainital	June 2022 to till date
Director	Visiting Professor Directorate, Kumaun University, Nainital	D.S.B. Campus, Nainital	Kumaun University Nainital

Research Interests

- Plant Taxonomy
- Ecology
- Ethnobotany
- Medicinal Plants

Publications

a) Research Papers

S. No.	Authors name	Title of the paper	Journal, Vol. Page No.	Year
1.	Renu Rawal, Vikram S. Negi, I.D. Bhatt and Lalit M. Tiwari	Rarities pattern of vascular plants in the high-altitude forests of Indian western Himalaya: Conservation implications.	Journal for Nature Conservation, 79: 1-10. IF: 2.00	2024
2.	Sumati Rathore, Sarla Shashni, Sher Singh Samant and Lalit Mohan Tewari	Documentation of indigenous uses and traditional practices of ethnomedicinal plants used by the Siraji community of Kullu District for gynaecological complaints in Himachal Pradesh, North-Western Himalaya, India	Journal of Non Timber Forest Products, 30(2): 61-70	2024
3.	Anita Mehra, Lalit M. Tiwari and Hema Joshi.	Quantitative And Ethnobotanical Assessment Of Flora Of Pithoragarh District Kumaun Himalaya Uttarakhand.	International Journal of Pharmaceutical Sciences, 2(3): 878-914.	2024
4.	Geetanjali Upadhyay, Ashish Tewari, Lalit Mohan Tewari and Naveen Chandra Pandey	Diversity and regeneration status of tree species in Binsar Wildlife Sanctuary, Uttarakhand, India.	Indian Journal of Forestry, 46(2): 97-104.	2023
5.	Renu Rawal, Vikram Negi and Lalit M. Tewari	Forest dynamics along altitudinal gradient covering treeline ecotone of Indian Western Himalaya.	Biologia, 1-15. IF: 1.5	2023
6.	Jyoti, S.S. Samant, Lalit Mohan Tewari and Shiv Paul	Diversity, endemism, indigenous uses and threat status of medicinal plants in Shivalik Hills of Himachal Pradesh, North Western Himalaya, India.	Journal of Non-Timber Forest Products, 30(1): 8-28.	2023
7.	Jyoti, S.S. Samant, Lalit M. Tewari , Shiv Paul, Amit Singh, Kiran Bala and Priya Thakur.	Structural Diversity, Distribution Pattern and Regeneration of Forest communities in Shivalik Hills, Himachal Pradesh, North Western Himalaya.	Biological Forum- An International Journal, 15(5a): 264-281.	2023
8.	Geetanjali Upadhyay,	Floristic diversity of Binsar	Acta Ecologica Sinica, 1-	2023

	Lalit M. Tewari , Ashish Tewari, Naveen C. Pandey, K. Chandra Sekar.	wildlife sanctuary, Uttarakhand, India.	6.	
9.	Tanay Barman, S. S. Samant, Lalit M. Tewari , Nidhi Kanwar, Amit Singh, Shiv Paul and Swaran Lata.	Ecological assessment and suitability ranges of Ban oak (<i>Quercus oblongata</i> D. Don) in Chamba district, Himalayas: implications for present and future conservation.	Brazilian Journal of Botany, 46(2): 477-497. IF: 1.6.	2023
10.	Geetanjali Upadhyay, Sheetal Koranga, Disha Pandey, Lalit Mohan Tewari , Geeta Tewari, Vasundhara Lodhiyal, Disha Upreti, Santosh Kumar Upadhyay, Amrita Kumari, Naveen Chandra 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
11.	Deepali Kothari, Nirmala Pargaian, Lalit Mohan Tewari , Harsh Kumar Dikshit, Gyan Prakash Mishra, Muraleedhar S. Aski, Ruchi Bansal, Sanjeev Gupta, Shiv Kumar and Ramakrishnan Madhavan Nair.	Genetic Variation for Traits Related to Phosphorus Use Efficiency in <i>Vigna</i> Species.	Agronomy, 13(305): 1-21. IF: 3.7.	2023
12.	Neha Chopra, Lalit Mohan Tewari , Ashish Tewari, Zishan Ahmad Wani, Mohd Asgher, Shreekar Pant, Sazada Siddiqui and Ayesha Siddiqua.	Estimation of Biomass and Carbon Sequestration Potential of <i>Dalbergia latifolia</i> Roxb. and <i>Melia composita</i> Willd. Plantations in the Tarai Region (India).	Forests, 14(3): 1-19. IF: 2.9.	2023
13.	Anita Mehra, Lalit M. Tewari and Hema Joshi.	Floristic Diversity, Sensitivity and Use Value Analysis in a Part of Western Himalaya Uttarakhand: Conservation Implications.	Applied Ecology and Environmental Sciences, 10(5): 311-321.	2023
14.	Anita Mehra, Lalit M. Tewari and Ranbeer Rawal.	Structure and Composition of Vegetation and Status of Invasion in Different Forest Types of Western Himalaya.	Advances in Zoology and Botany, 11:12-29.	2023
15.	Ankita H Tripathi, Nidhi	A Review of Anti-Cancer and Related Properties of	<i>Anticancer Agents in Medical Chemistry</i> ,	2022

	Negi, Rekha Gahtori, Amrita Kumari, Penny Joshi, Lalit M. Tewari , Yogesh Joshi , Rajesh Bajpai, Dalip K Upreti, Santosh K Upadhyay.	Lichen-Extracts and Metabolites.	22(1):115-142. IF 2.8	
16.	Renu Rawal and Lalit M. Tewari .	Floristic Diversity, Nativity and Endemism of High Altitude Forested Landscape of Kedarnath Wildlife Sanctuary.	<i>Indian Journal of Ecology</i> , 49(4): 1240-1246. IF 0.43	2022
17.	Naveen Ch. Pandey, Lalit M. Tewari and G.C. Joshi.	Diversity, utilization and threat status of ethno-medicinal plants in Betalghat block, Nainital district (Kumaun Himalaya).	World Journal of Pharmaceutical and Life Sciences, 7(12): 136-154.	2021
18.	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
19.	Tanay Barman, S.S. Samant and Lalit M. Tewari .	Diversity and indigenous uses of medicinal plants in the Ban Oak (<i>Quercus oblongata</i>) forests in Himachal Pradesh, North Western Himalaya.	Journal of Non-Timber Forest Products, 28(4): 121-137.	2021
20.	Tanay Barman, S.S. Samant, Amit Singh, and Lalit M. Tewari .	Population assessment, indigenous uses, and threat status of orchids in ban oak (<i>Quercus oblongata</i> D. Don) forests of Hmachal Pradesh, NorthWestern Himalaya.	<i>The Journal of the Orchid Society of India</i> , 35: 55-72.	2021
21.	Tanay Barman, S.S. Samant, Jyoti, Abhijit Dey, Samapika Nandy, Riya Maitra, Lalit M. Tewari , Anjana.	Sustainable employment of folkloric botanicals and conservation practices adopted by the inhabitants of Parbati Valley of North Western Himalaya, India in healing substantial corporeal disorders.	Advances in Traditional Medicine, 2021: 2662-4052. IF: 2.00	2021
22.	Naveen Chandra, Gajendra Singh, Shashank Lingwal, J.S Jalal, M.S Bisht, Vineet Pal, M.P.S Bisht, Balwant Rawat and L.M Tiwari .	Ecological Niche Modeling and Status of Threatened Alpine Medicinal Plant <i>Dactylorhiza Hatagirea</i> D.Don in Western Himalaya.	Journal of Sustainable Forestry, 4: 1-17. IF: 1.6	2021
23.	Naveen Chandra, Gajendra Singh,	Population assessment and habitat distribution	Journal of Threatened Taxa, 3(7): 18868-18877.	2021

	Shashank Lingwal, Mahendra Pal Singh Bisht and Lalit Tewari.	modelling of the threatened medicinal plant <i>Picrorhiza kurroa</i> Royle ex Benth. in the Kumaun Himalaya, India.		
24.	Naveen Chandra, Gajendra Singh, Shashank Lingwal, Ishwari Datt Rai and Lalit Mohan Tewari .	Alpine Medicinal and Aromatic Plants in the Western Himalaya, India: An Ecological Review.	Indian Journal of Ecology, 48(2): 319-331.	2021
25.	Balwant Rawat, Sanjay Gairola, Lalit Mohan Tewari and Ranbeer Singh Rawal.	Long-term forest vegetation dynamics in Nanda Devi Biosphere Reserve, Indian west Himalaya: evidence from repeat studies on compositional patterns.	Environmental Monitoring Assessment, 193(459): 1-17. IF: 3.0	2021
26.	Priyanka Upreti, Shiv Narayan, Furqan Khan, Lalit Tewari and Pramod Shirke.	Physiological attributes associated with leaf spectral alterations in guar [<i>Cyamopsis tetragonoloba</i> (L.) Taub.] under drought.	3 Biotech, 11(3): 125. IF: 2.8	2021
27.	Priyanka Upreti, Shiv Narayan, Furqan Khan, Lalit Tewari and Pramod Shirke.	Drought-induced responses on physiological performance in cluster bean [<i>Cyamopsis tetragonoloba</i> (L.) Taub.].	Plant Physiology Reports, 26(1): 49-63. IF: 1.7	2021
28.	Renu Rawal, Ranbeer S. Rawal, Kapil Bisht, Vikram S. Negi and Lalit M. Tiwari.	Distribution and population structure of <i>Quercus semecarpifolia</i> Smith. in high altitude forests of Western Himalaya.	ENVIS Bulletin Himalayan Ecology, 28: 19-23.	2020
29.	Naveen Chandra 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.	Biolife, 8(2): 1-9.	2020
30.	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
31.	Manish Kumar, Ankita Misra, Akanksha Srivastava, Pushpendra Kumar Shukla, Lalit M. Tewari and Sharad Srivastava.	Comparative Pharmacognostical and Pharmacological Evaluation of <i>Costus speciosus</i> (Koen) J.E. Sm. Germplasm Collected from Eastern Ghats of India.	Pharmacognosy Journal, 12(1): 150-156	2020
32.	Lata Rana, Ankita Rai, Lalit M Tewari, Neha Chopra, Naveen C. Pandey and Geeta	Drying Potential of Leaves Oil of <i>Zanthoxylum armatum</i> DC. from North India.	The Open Bioactive Compounds Journal, 9 (11): 9-14.	2021

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33.	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
34.	Harminder Singh, Jaswant Singh, Puneet Kumar, Vijay Kumar Singhal, B.S. Kholia and Lalit Tewari.	Chromosome count, male meiotic behaviour and pollen fertility analysis in <i>Agropyron thomsonii</i> Hook.f. and <i>Elymus nutans</i> Griseb. (Triticeae: Poaceae) from Western Himalaya, India.	Caryologia –Firenze, 73 (2): 89-98. IF: 2.1	2020
35.	Gajendra Singh, Naveen Chandra, Shashank Lingwal, MPS Bisht and Lalit M. Tiwari .	Distribution and Threat Assessment of an Endemic and Endangered Species <i>Angelica glauca</i> in High Ranges of Western Himalaya.	Journal of Herbs, Spices & Medicinal Plants, 26(4): 394-404	2020
36.	Brij M.Upreti and Lalit M. Tewari .	Conservation of Rare Plant Species in Thal Kedar Sacred Forest of Pithoragarh, Kumaun Himalaya Uttarakhand.	Indian Journal of Natural Sciences, 10(60): 19752-19756.	2020
37.	Vijay Kumar, S.S. Samant, Om Prakash, Rosy Kundra, Amit Singh, Sunil Dutt, and L.M. Tewari .	Diversity, Distribution, Indigenous Uses and Conservation of Orchids in Khokhan Wildlife Sanctuary of Himachal Pradesh, Northwestern Himalaya.	Journal of Orchid Society India, 33:121-129.	2019
38.	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
39.	Monika Bodh, S.S. Samant, L.M. Tewari and Vijay Kumar.	Diversity, Endemism and Indigenous Uses of Wild Edible Plants of Shikari Devi Wildlife Sanctuary in Himachal Pradesh, North Western Himalaya, India.	Indian Forester, 145(1): 62-69.	2019
40.	Mamta Bharti, Lalit M. Tewari , Ashish Tewari, Manish Kumar and Shalni Sharma.	Anatomy and Pollen Morphology of <i>Lantana camara</i> L. An Invasive Alien Plant.	Indian Journal of Forestry, 42(4): 374-379.	2019
41.	Lalit M. Tewari , Lata Rana, Santosh K. Arya, Geeta Tewari, Neha Chopra,	Effect 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. IF: 2.6	2019

	Naveen C. Pandey, Penny Joshi and Rekha Gahtori.			
42.	Karol Marhold, Jaromír Kucˇera, Alexander V. Agafonov, Tatiana V. Alexeeva, Sergei V. Asbaganov, Mikhail P. Danilov, Olga V. Dorogina, Maria V. Emtseva, Bhupendra S. Kholia, Eugene V. Kljuykov, Anna Krahulcová, Puneet Kumar, Abdullojon R. Kurbanov, Maria N. Lomonosova, Bektemir Osmonali, Julia V. Shner, Harminder Singh, Lalit M. Tewari , Uljana A. Ukrainskaja, Polina V. Vesselova and Ekaterina A. Zakharova.	IAPT chromosome data 29/1.	TAXON, 68(4): 880-883. IF: 2.680	2019
43.	Gajendra Singh, Naveen Chandra, Vineet Pal, Lalit Mohan Tewari and Mehendra Pratap Singh Bisht.	Observation on the phyto- diversity of Sunderdunga Valley, Uttarakhand, Western Himalaya.	Indian Forester, 145(12): 1166-1175.	2019
44.	Brij M. Upreti, Naveen Chandra Pandey, Neha Chopra and Lalit M. Tewari .	Species diversity among two forests of Nainital, Kumaun Himalaya.	International Journal for Research in Applied Science & Engineering Technology, 7(8): 1-4.	2019
45.	Brij M. Upreti, Naveen Chandra 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
46.	Ashish Kumar, Sher S. Samant, Lalit M. Tewari and Shiv Paul.	Diversity, Distribution and Utilization Pattern of Medicinal Plants in Kalatop-Khajjiar Wildlife Sanctuary of Chamba District, Himachal Pradesh, India.	International Journal of Medicine, Photon, 106: 218-242.	2019
47.	Vishwa Jyotsna Singh, P.B. Khare and L.M. Tewari .	Comparative morphology of <i>Pteris vittata</i> Linn. from three Phyto-Geographical regions.	The Indian Fern Journal, 35: 130-138.	2018
48.	Vijay Kumaur Singhal, Jaswant Singh,	Chromosome count, meiotic abnormalities,	Caryologia, 71(4): 322- 330. IF: 2.0	2018

	Harminder Singh, Puneet Kumar, Bhupendra Singh Kholia and Lalit Mohan Tewari .	pollen fertility and karyotype of <i>Elymus semicostatus</i> (Nees ex Stued.) Meld. (Family Poaceae) Form North West Himalaya.		
49.	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
50.	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
51.	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
52.	Monika Bodh, Sher Singh Samant, Lalit Mohan Tewari , Vijay Kumar.	Diversity and Utilization Pattern of Economically Important Biodiversity in Great Himalayan National Park of Himachal Pradesh, India.	The Journal of Ethnobiology and Traditional Medicine, photon 129: 1459-1486.	2018
53.	Monika Bodh, Sher Singh Samant, Lalit Mohan Tewari , Vijay Kumar.	Diversity, distribution, indigenous uses and conservation of medicinal plants in Shikari Devi Wildlife Sanctuary of Himachal Pradesh, India.	The Journal of Ethnobiology and Traditional Medicine. Photon, 129: 1399-1425.	2018
54.	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
55.	Lipika Sharma, S.S. Samant, Ashish Kumar, Manohar Lal, Kaushalya Devi and Lalit M. Tewari .	Diversity, distribution pattern, endemism and indigenous uses of wild edible plants in Cold Desert Biosphere Reserve of Indian Trans Himalaya.	Indian Journal of Traditional Knowledge, 17(1): 122-131. IF: 1.06.	2018
56.	Brij M.Upreti, Lalit M. Tewari and Ashish Tewari.	Sacred forests an ancestral beliefs and conservation: special reference of Pithoragarh District, Kumaun Himalaya, Uttarakhand.	Journal of Science Research International, 4(1): 87-101.	2018

57.	Ashutosh Paliwal, Rekha Gahtori, Amrita Kumari, Nidhi Negi, Garima Chand, Penny Joshi, Lalit M. Tewari , Yogesh Joshi and Santosh. K. Upadhyay.	Applications and roles of lichens in monitoring and conservation of Himalayan environment.	ENVIS Bulletin Himalayan Ecology, 26: 47-52.	2018
58.	Ashish Kumar, Sher S. Samant, Lalit M. Tewari and Shiv Paul.	Diversity, distribution, indigenous uses and conservation of economically important floristic diversity in Kalatop-Khajjiar Wildlife Sanctuary, Chamba District, Himachal Pradesh.	Journal of Non-Timber Forest Products, 25(2): 107-126.	2018
59.	Arun Kumar Kushwaha, Lalit Mohan Tewari and Lal Babu Chaudhary.	Angiosperm diversity of Sonbhadra District, Uttar Pradesh: a checklist.	Journal of Threatened Taxa, 10(9): 12247-12269.	2018
60.	P.S. Bungla, G. Tewari, R.S. Rawal, I.D. Bhatt, L.M. Tewari , A.K.R. Jugran and B. Mohan.	Comparative in vitro antioxidant activity, morphological and phytochemical profiling of traditional crops from Kumaun Himalaya.	Journal of the Indian Chemical Society, 94: 181-189. IF: 1.3	2017
61.	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
62.	Neetu Bohra, Lalit M. Tewari and Ashish Tewari.	Ethnobotany of Wild Edible plants traditionally used by the local people in the ramnagar region from Nainital District, Uttarakhand, India.	Biolife, 5(1): 7-11.	2017
63.	Naveen Chandra 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
64.	Naveen Chandra 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. IF: 0.8	2017

65.	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
66.	Monika Bodh, S.S. Samant, L.M. Tewari and Vijay Kumar.	Diversity, Distribution Pattern, Indigenous uses and conservation of the economically important floristic diversity in Shikari Devi Wildlife Sanctuary, North Western Himalaya, India.	Journal of Non-Timber Forest Products, 24(2): 109-126.	2017
67.	Mamta Bharti, Brij M. Upreti and Lalit. M. Tewari .	Exploration of ethno-veterinary medicinal plants used by tribal and rural communities of Nainital District, Uttarakhand, India.	Biolife, 5(1): 20-27.	2017
68.	Lipika Sharma, S.S. Samant, Ashish Kumar, Deepti Negi, Kaushalya Devi, Manohar Lal, Lalit Mohan Tewari .	Diversity, distribution pattern and indigenous uses of the medicinal plants of Cold Desert Biosphere Reserve in Trans Himalaya.	The Journal of Ethnobiology and Traditional Medicine, 128: 1320-1345 . IF: 1.654	2017
69.	Deepti Negi, Singh Samant and Lalit Mohan Tiwari .	Assessment of Antioxidant properties of <i>Arnebia euchroma</i> : an endangered medicinal plant of Cold Desert Biosphere Reserve in Trans Himalaya, India.	International Journal of Medicinal Plants, 111: 825-836 .	2017
70.	Deepti Negi, Sher Singh Samant and Lalit Mohan Tiwari .	Investigation of antioxidant activity of methanolic extracts of <i>Hippophae rhamnoides</i> ssp. turkestanica across habitats in Cold Desert Biosphere Reserve, Trans Himalaya, India.	International Journal of Pharmaceutical Sciences Review and Research, 46(1): 146-155.	2017
71.	Brij M. Upreti, Lalit Tewari , Ashish Tewari.	Role of Plants Used in Religious and Cultural System by Local Inhabitants of Sacred Forests of district Pithoragarh, Kumaun Himalaya.	Biolife, 5(1): 7-11.	2017
72.	Vineet Singh, S. K. Srivastava and L.M. Tewari .	Floristic assessment of different habitats of Parvati Aranga wildlife sanctuary and adjacent Tikri forest area, Gonda, Uttar Pradesh, India.	Tropical Plant Research, 3(3): 543-550.	2016
73.	Priti Kumari, Girish C. Joshi and Lalit. M. Tewari .	Phytosociological analysis of threatened ethno-medicinal species in	Journal of Biology and Nature, 5(2): 93-108.	2016

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74.	Neetu Bohra, P. Prasad, Brij M. Upreti and Lalit Tewari .	Electrophoretic variability in two different populations of <i>Picrorhiza</i> species: An endangered medicinal herb from Garhwal Himalaya, India.	Journal of Chemical Engineering and Chemistry Research, 3(11), 1104-1108.	2016
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170.	Y.P.S. Pangtey, Lalit M. Tewari , Kanchan Upreti and Jeevan S. Jalal.	On the occurrence of <i>Rubus niveus</i> Thunb. (family Rosaceae) in the Tarai region of Kumaun in Uttarakhand.	Indian Journal of Forestry, 31(1): 117-118. IF 0.2	2008
171.	Geeta Tewari, Lalit M. Tewari , Prakash Chandra Srivastava, and Bali Ram.	Effect of soil type and moisture regime on long-term changes in chemical fractions of copper in polluted soils.	Chemical and Environmental Research, 17(1): 139-153. IF 0.22	2008
172.	Dinesh Giri, Lalit M. Tewari and Sushma Tamta.	Quantitative analysis of tree species in oak dominant forest of Uttarakhand, Central Himalaya.	Indian Journal of Botanical Research, 4(2): 313-318.	2008
173.	Dinesh Giri, Dhani Arya, Sushma Tamta and Lalit M. Tewari .	Dwindling of an endangered orchid <i>Dactylorhiza hatagirea</i> (D.Don) Soo: A case study from Tungnath Alpine meadows of Garhwal Himalaya, India.	Nature and Science, 6(3): 6-9.	2008
174.	Y.P.S. Pangtey, Lalit M. Tewari , Kanchan Upreti and Anita Martolia.	<i>Pteris pellucida</i> Presl (Pteridaceae: Pteridophyta): A rare taxon in Kumaun Himalaya.	Journal of Economic & Taxonomic Botany, 31(2): 458-459.	2007
175.	Y.P.S. Pangtey, Lalit M. Tewari , Gitika Balutia, and Kanchan Upreti.	Additions to the fern flora of Ranikhet in Kumaun (West Himalaya).	Journal of Economic & Taxonomic Botany, 31(2): 264-268.	2007
176.	Y.P.S. Pangtey and	<i>Selaginella vaginata</i>	Indian Journal of Forestry,	1999

	Lalit M. Tewari.	Spring (Selaginellaceae): A poorly known species in the pteridophytic flora of North-Western Himalaya.	22: 278-280. IF 0.2	
177.	Y.P.S. Pangtey and Lalit M. Tewari.	<i>Lepisorus sublinearis</i> (Baker ex Takeda) Ching (Polypodiaceae): An interesting addition to the fern flora of North-Western Himalaya.	Indian Journal of Forestry, 21(4): 385-386. IF 0.2	1998
178.	Y.P.S. Pangtey and Lalit M. Tewari.	Further additions of the ferns flora of Nainital (North Western Himalaya).	Indian Journal of Forestry, 21(4): 355-356. IF 0.2	1998
179.	Lalit. M. Tewari.	A threatened endangered, endemic plant: Patwa.	Current Science, 75(6): 544. IF: 1.00	1998
180.	Lalit. M. Tewari and Yash Pal S. Pangtey.	Epiphytic ferns around Nainital Hills in Kumaun Himalaya: taxonomic and ecological appraisal.	Hima-Paryavaran, 10(1): 6-8.	1998
181.	Y.P.S. Pangtey, S.S. Samant, R.S. Rawal and L.M. Tewari.	YA note on the recollection of rare fern <i>Phegopteris connectilis</i> (Michx.) Watt (Thelypteridaceae) from Kumaun (North Western Himalaya).	Indian Journal of Forestry, 15(3): 279.	1992
182.	Y.P.S. Pangtey, R.S. Rawal and Lalit. M. Tewari.	Enumeration of High Altitude Pteridophytes of Kumaun Himalaya.	Geobios New Report, 11: 191-194.	1992
183.	Y.P.S. Pangtey, R.S. Rawal and L.M. Tewari.	Second List of species and genera of ferns not included in JF Duthie's catalogue of plants of Kumaun.	Geobios New Report, 11: 150-153.	1992
184.	L.M. Tewari, R.S. Rawal and Y.P.S. Pangtey.	Ecology of <i>Drynaria mollis</i> Bedd. (Drynariaceae) in Kumaun (Western Himalaya).	Geobios New Report, 11: 180-183.	1992

b) Books

S. No.	Authors name	Title of the book	Publisher	ISBN	Year
1.	Geeta Tewari, Deepika Pant Penny Joshi, Lalit M. Tewari and Santosh K. Upadhyay	Sustainable Utilization and Conservation of Biological Wealth	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi	978-93-91377-88-5	2024
2.	Geeta Tewari, Penny Joshi and Lalit M.	Moderns Trends in Medicinal and Aromatic Plants	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New	978-93-91377-78-6	2023

	Tewari		Delhi		
3.	Lalit M. Tewari (Content Developer)	Botany for B.Sc. II Sem. (Pteridophytes, Gymnosperms and Angiosperms)	BP Pandey S Chand & Company New Delhi	-	2023
4.	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
5.	G.C. Joshi, Y.P. 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 & Distributors)	978-81-947824-3-8	2021
6.	Geeta Tewari, Ashish Tewari, Lalit M. Tewari , Chitra Pande	Natural Products and Their Utilization Pattern.	Nova Science Publishers, New York, USA	978-1-53618-140-1	2020
7.	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
8.	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
9.	Jeewan Singh Jalal, Renu Suyal and Lalit M. Tewari	Orchids of Nainital, Western Himalaya, India	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi.	978-93-86754-52-3	2019
10.	Puran S. Bungla, Ranbeer S. Rawal and Lalit M. Tewari	Agri-Diversity Patterns and Local Food Systems in Kuloor Watershed of Kumaun, West Himalaya	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi.	978-93-86754-50-9	2010
11.	Brij Mohan Upreti, Ashish Tewari, Lalit M. Tewari and Naveen Ch.	Sacred Forests of Pithoragarh, Western Himalaya, India.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi.	978-93-86754-44-8	2010

	Pandey				
12.	Hemlata Kholiay, Dalip K. Upreti, Lalit M. Tewari , Gaurav K. Mishra	Lichens of Nainital, Western Himalaya	Shree Publishers and Distributors, New Delhi.	978-81-8329-940-4	2018
13.	Deepshikha Arya, G.C. Joshi and Lalit M. Tewari	Crude Drug Plants of Uttarakhand.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi.	978-93-8675-416-5	2018
14.	Jagdish, Chandra Arya, G.C. Joshi and Lalit M. Tewari	Medicinal Flora of Tarai Region of Uttarakhand.	Shree Publishers and Distributors, New Delhi.	978-81-8329-941-1.	2018
15.	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
16.	Lalit M. Tewari , Y.P.S. Pangtey and Geeta Tewari	Biodiversity Potentials of the Himalaya.	Gyanodaya Prakashan, Nainital.	85097-82-8.	2010
17.	Lalit Tewari , Neha Singh, Kanchan Upreti, Y.P.S. Pangtey	Medicinal Plants of Ranikhet.	Consul Book Depot, Nainital.	-	2008

c) Book chapters

S. No.	Authors name	Title of the book	Publisher	ISBN	Year
1.	Sheetal Koranga, Lalit M. Tewari, Geeta Tewari, Santosh 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
2.	Disha Upreti, L. M. Tewari , Medha Durgapal, Geeta Tewari, Santosh Kumar Upadhyay, Amrita kumari,	Modern Trends in Medicinal Plants and Aromatic Plants.	Indu Book Services Pvt. Ltd. (Publishers & Distributors) New Delhi	978-93-91377-78-6	2023

	Naveen Chandra Pandey, Geetanjali Upadhyay, Vasundhara Lodhiyal, Girish C. Kharkwal and Depika Pant.				
3.	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
4.	Ankita H. Tripathi, Somya Mehrotra, Amrita Kumari, Rajesh Bajpai, Yogesh Joshi, Penny Joshi, Lalit M. Tewari, Ramesh C. Rai, Santosh K. Upadhyay.	Developments in Applied Microbiology and Biotechnology, Synergistic Approaches for Bioremediation of Environmental Pollutants: Recent Advances and Challenges.	Academic Press.	978-03-23918-60-2.	2020
5.	Naveen Chandra 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
6.	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
7.	Brij M. Upreti and Lalit M. Tewari.	Natural Resources and their Ecosystem Services.	HSRA Publication Byraveshwara Nagar, Bangalore, India.	978-81-947216-7-3	2020
8.	Ashutosh Paliwal, Rekha Gahtori, Amrita Kumari, Ankita H. Tripathi, Himani Tewari, Ramesh C. Rai, Yogesh Joshi, Lalit M. Tewari, Penny Joshi and Santosh K. Upadhyay.	Natural Products and Their Utilization Pattern.	Nova Science Publishers, New York.	978-1-53618-140-1	2020
9.	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.				
10.	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
11.	Deepika Bhatt, G.C. Joshi and Lalit M. Tewari .	Microbiological Pharmacological Aspects of Biodiversity.	Discovery Publishing House Pvt. Ltd., New Delhi, India.	978-93-5056-878- 1	2017
12.	P.S. Bungla, Brij M. Upreti, Lalit M. Tewari , R.S. Rawal and I.D. Bhatt.	-	Jagdamba Publishing Company, New Delhi.	938543705-2	2016
13.	P.S. Bungla, Lalit M. Tewari , Kamal Kishor, Brij M. Upreti, Mamta Bharti, Neetu Bora, R.S. Rawal and I.D. Bhatt.	Agro-diversity Conservation and Sustainable Development.	Discovery Publication, New Delhi.	978-93-5056-782- 1	2016
14.	Arun Kumar Kushwaha, Omesh Bajpai, Awadhesh Kumar Srivastava, Lalit Mohan Tiwari and Lal Babu Chaudhry.	Conservation of Medicinal Plants Conservational and Modern Approaches.	Omega Publications, New Delhi.	978-81-8455-588- 2	2016
15.	Geeta Tewari, P. C. Srivastava, Shalini Singh, Charu Singh, Bali Ram and Lalit Tewari .	Science and technology in Uttarakhand.	Macmillan Publishers India Limited	-	2012
16.	Jeewan S. Jalal, Lalit M. Tewari and Y.P.S. Pangtey.	Environment, Development and Society.	Durga Ma Prakashan, Haldwani.	978-81-920509-0- 4	2011
17.	Kanchan Upreti, Lalit M. Tewari , Y.P.S. Pangtey and Jeewan S. Jalal.	Biodiversity Potentials of Himalaya. Gyanodaya Prakashan, Nainital.	Gyanodaya Prakashan, Nainital.	85097-82-8	2010
18.	G.C. Joshi, Lalit M. Tewari , Nidhi Lohani, Sanjay Kumar, Preeti Kumari and	Biodiversity Potentials of Himalaya.	Gyanodaya Prakashan, Nainital.	85097-82-8	2010

	Deepika Bhatt.				
19.	Lalit M. Tewari , Sanjay Kumar and Kanchan Upreti.	Biodiversity Potentials of Himalaya.	Gyanodaya Prakashan, Nainital.	85097-82-8	2010
20.	Y.P.S. Pangtey and Lalit Tewari .	Achievements and Prospects in Botany.	-	-	2007
21.	Geeta Tewari, P.C. Srivastava, Baliram and Lalit Tewari .	Hazardous Materials in the Soil and Atmosphere: Treatment, Removal and Analysis.	Nova Science Publishers. New York.	978-1600212505	2006
22.	L.M. Tewari and N.S. Bankoti.	Dimensions of Uttaranchal.	Indian Publishers Distributors Delhi.	81-73413-18-5	2003
23.	Lalit M. Tewari and N.S. Bankoti.	Plant Diversity of the Himalaya.	Gyanodaya Prakashan, Nainital.	81-85097-53-4	2001
24.	Lalit M. Tewari and S.S. Samant.	Plant Diversity of the Himalaya.	Gyanodaya Prakashan, Nainital.	81-85097-53-4	2001
25.	N.S. Bankoti and Lalit M. Tewari .	Plant Diversity of the Himalaya.	Gyanodaya Prakashan, Nainital.	81-85097-53-4	2001
26.	Lalit M. Tewari .	Plant Diversity of the Himalaya.	Gyanodaya Prakashan, Nainital.	81-85097-53-4	2001
27.	Y.P.S. Pangtey, Lalit M. Tewari and Bisheshwari Thongam.	High Altitudes of Himalaya II (Biodiversity, Ecology & Environment).	Gyanodaya Prakashan, Nainital.	81-85097-39-9	2000
28.	Y.P.S. Pangtey and L.M. Tewari .	High Altitudes of Himalaya II (Biodiversity, Ecology & Environment).	Gyanodaya Prakashan, Nainital.	81-85097-39-9	2000

d) Conference Publications/Proceedings

S. No.	Authors name	Title of the paper	Conference name	Year
1.	Naveen Ch. Pandey, G.C. Joshi and Lalit M. Tewari	Ethno-Botanical Uses of Family Fabaceae of Betalghat Region, Along With Kosi Catchment Area.	11 th Uttarakhand State Science & Technology Congress	2016
2.	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
3.	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
4.	Naveen Ch. Pandey, G.C.	Diversity, Utilization and Conservation Status of	13 th Uttarakhand State Science & Technology	2019

	Joshi and Lalit M. Tewari	Some Important Threatened Ethno-medicinal Plants in the Betalghat Region, Nainital District (Kumaun Himalaya).	Congress	
5.	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 Scenerio in the Western Himalaya	2020
6.	Pankaj Sharma, S.S. Samant and Lalit M. Tewari.	Assessment of floristic diversity in and around dam submergence areas of Sainj Hydropower Project (100MW) in Kullu District of Himachal Pradesh, North Western Himalaya.	National Conference on Biodiversity: Issues, Concern and Future Strategies, West Bengal Biodiversity Board, Kolkata.	2014
7.	Sanjay Kumar, Lalit M. Tewari and Ashish Tewari.	Phenological shift in <i>Ilex dipyrena</i> Wall. and <i>Acer oblongum</i> Wall. in Nainital catchment area of Kumaun.	International Workshop on mountain biodiversity and impact of climate change with reference to Himalayan Biodiversity Hotspot.	2010
8.	Deepika Bhatt, G.C. Joshi and L.M. Tewari	<i>Helminthostachys zeylanica</i> (L.) Hook. An important traditional therapeutic herb for leucorrhea, among the Tharu community of Udham Singh Nagar District, Uttarakhand.	National Seminar on Medicinal Plants of Himalaya: Potential and Prospect.	2010
9.	Jeewan S. Jalal, Pankaj Kumar, Lalit Tewari and Y.P.S. Pangtey	Orchids: Uses in Traditional Medicine in India.	National Seminar on Medicinal Plants of Himalaya: Potential and Prospect.	2010
10.	J.C. Arya, G.C. Joshi, L.M. Tewari, K.K. Rath and Deepshikha Arya	Studies on depleting natural resources of Uttarakhand Himalaya.	National Seminar on Medicinal Plants of Himalaya: Potential and Prospect.	2010

Projects

S. No.	Title of the project	Funding agency	Amount (Rs) Lakh	Year
Completed				
1.	UGC Minor project on Rare and Endangered ferns of Kumaun Conservation and Management (PI)	UGC, New Delhi	0.40	2002-03

2.	UGC Minor project on Studies of Ethnobotanical Interests of Kumaun Himalaya (PI)	UGC, New Delhi	0.35	2006-07
3.	<i>In vitro</i> Micropopagation of <i>Meizopteria pellita</i> (Vern Patwa): A rare, endangered and endemic plants of Patwadangar, Nainital, Uttarakhand (Co-PI)	UCOST, Dehradun	4.15	2007-09
4.	<i>In vitro</i> Micropopagation of <i>Rhododendron arboreum</i> Smith (Vern. Burans) An Important Forest Species of Uttarachal Hills (Co-PI)	DBT, GOI, new Delhi	15.25	2007-10
5.	<i>In vitro</i> mass multiplicaton of superior clones of Apple (<i>Pyrus Malus</i> L.) cultivars of Ramgarh Region of Mukteshwar Kumaun Hills, Uttarakhand (Co-PI)	DBT, GOI, new Delhi	12.50	2012
6.	Studies on conservatoin of <i>Ginkgo biloba</i> linn. (Ginkgoaceace): A rare exotic medicinal plant (PI)	UGC, New Delhi	8.018	2012-15
7.	Restoration and digitization of herbarium (PI)	UCOST, Dehradun	4.10	2012
8.	Studies on floristic analysis of Ranikhet (PI)	Innovative Research Activities Scheme (U.G.C.), Ku, Nainital	1.05	2016-17
9.	IERP scheme entitled "Ecological, taxonomical and ethnobotanical study of wild edible plants of Nainital district in Uttarakhand, India" (PI)	GBPNIHESD, Kosi, Katarmal	13.65	2016-19
10.	To establish a DNA-barcoding and chemotaxonomy empowered herbarium of lichen-species of Uttarakhand-Himalaya and development of a resource group for conservation and characterization of lichen-biodiversity 2016-2019 (Co-PI)	GBPNIHESD, Kosi, Katarmal	62.00	2018-2021
11.	National campaign on <i>Tinospora cordifolia</i> (Amrita) for life (PI)	Ministry of Ayush, NMPB, New Delhi	18.90	2019-2020
Ongoing				
12.	Conservation of Selected Ethno-Medicinally Important plants of Kumaun Himalaya (PI).	IERP, Kosi, Katarmal Almora	12.93	2023-2026
13.	Studies on Conservation of Selected Ethno-Botanicly Important Wild Edible Plants of Kumaun Himalaya (PI)	Chief Minister Higher Education Sodh Protsahan Yojna Uttarakhand	11.0575	2024-2026
14.	Studies on Conservation of <i>Pittosporum eriocarpum</i> Royle (Pittosporaceae): An	Kumaun University	2.00	2024-2025

	Endangered Endemic Medicinal Plant of Uttarakhand (PI)	Nainital		
15.	Conservation and Digitization of Herbarium at Botany Department, Kumaun University, Nainital, Uttarakhand (PI)	Uttarakhand State Council for Science and Technology, Vigyan Dham, Dehradun	6.00	2024-2026

Teaching details

Name of the course/paper	Department	University	Year
Bryophytes (Paper 1-B.Sc. I Sem)	Botany	Kumaun University Nainital	2005 to till date
Bryophyta (Paper- III B.Sc. 1 Sem.)	Botany	Kumaun University Nainital	2005 to 2021
Pteridophyta (Paper- V B.Sc. II Sem.)	Botany	Kumaun University Nainital	2005 to 2021
Taxonomy of Angiosperms (Paper VII-B.Sc. III Sem.)	Botany	Kumaun University Nainital	2005 to 2021
Pteridophytes, Gymnosperms and Angiosperms (Paper 1-B.Sc. II Sem)	Botany	Kumaun University Nainital	2005 to till date
Diversity and Taxonomy of Angiosperms (Paper VI, M.Sc. II Sem)	Botany	Kumaun University Nainital	2005 to till date
Taxonomy of Angiosperms and Economic Botany (Paper V, B.Sc. III Sem.)	Botany	Kumaun University Nainital	2005 to 2021
Taxonomy of Angiosperms (EC/SP, M.Sc. IV Sem)	Botany	Kumaun University Nainital	2009 to till Date

Professional Memberships

Organization	Position	Year
Royal Society of Biology, London	Fellow of Royal Society of Biology (FRSB)	2023
Linnean Society, London	Fellow of the Linnean Society (FLS)	2023
CHEA	Life member	2020
SMDC	Life member	2020
Association of Plant Taxonomy	Life member	2019
Dr. YPS Pangtey Foundation	Life member	2019
Organization for Women in Science for the Developing World (OWSDW), Italy	Full individual member	2015
Indian Botanical Society	Fellow of Indian Botanical Society (FIBS)	2014
Oaks, Botany Department, D.S.B. Campus, Kumaun University, Nainital	Life member	2010
Indian Science Congress	Life member	2009

Honours and Awards

Award	Awarding Organization	Year
Dr. Y.P.S. Pangtey Research Award	SRICC Kumaun University Nainital	2022
Dr. M.B. Raizada Award for Plant Taxonomy	Association for Plant Taxonomy, Dehradun	2022
Dr. Y.P.S. Pangtey Research Award	SRICC Kumaun University Nainital	2021
Awarded with Asia Top 50 Scientist	EET CRS, Mumbai	2021
Radhakrishnan Teacher Innovation Award	Madhumay Education and Research Foundation	2021
Best Director Award	Divya Himgiri Dehradun in association with UCOST	2021
Teacher of the Year Award	Divya Himgiri Dehradun in association with UCOST, Shabdavali Aayog, Manav Sansadhan Vikas Mantralaya Bharat Sarkar, Madhyamik Shiksha Vibhag Uttarakhand, Takniki Shiksha, Pravidhik Shiksha, Sri Dev Suman Vishwavidhalaya and Shodh Avam Vikas Sanstha Dehradun	2020
Life Achievement Award	V.D. Good, Coimbatore	2020
Received Certificate for NSS	Hon. Governor Uttarakhand	2018
Received Certificate for NSS	Hon. Governor Uttarakhand	2017
Uttarakhand Ratna Award	AICOI	2016
Received Appreciation Letter for NSS	Additional Director, Education, Kumaun Zone	2015

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Effect of Climate Change in Himalaya	National Seminar at Botany	SSJ University, Almora	2024
Ethnobotany	National Wokshop	RARI, CCRAS, Tarikhet	2024
Biodiversity	FDP	MMTTC, KU, Nainital	2024
Issues of Hydroponics	Hands on training for youth to grow hydroponics	Science Popularization Cell, S.B.S. Govt. P.G. College, Rudrapur, Uttarakhand	2023
Forest Fire	Invited Lecture	Pt. Govind Ballabh Pant High Altitude Zoo Nainital, Uttarakhand	2023
Biodiversity	Invited Lecture	Pt. Govind Ballabh Pant High Altitude Zoo Nainital, Uttarakhand	2023
Murm	National Workshop	RARI, CCRAS, Tarikhet	2023
New Education Policy and Environment	FIP	MMTTC, KU, Nainital	2022
Biodiversity and	FIP	MMTTC, KU, Nainital	2022

Medicinal Plants of Himalaya			
Key Stone Species	IBD	Himalayan Botanical Garden Narayan Nagarm, Nainital	2022
Intellectual Property Right	Invited lecture	KU ICC, Kumaun University, Nainital	2022
Medicinal Plants: Issues and Outcome	National Workshop on Himalayan Medicinal Plants	Govt. P.G. College Ramnagar	2022
Water conservation	IWCD	DSB Campus, Kumaun University, Nainital	2022
Ecosystem Restoration	Invited lecture	Narayan Nagar Botanical Gardern, Nainital	2022
Biodiversity Assessment	FIP	MMTTC, KU, Nainital	2022
Diversity of Medicinal and Aromatic Plants	FIP	MMTTC, KU, Nainital	2022
Medicinal Plants Distribution	FIP	MMTTC, KU, Nainital	2021
Biodiversity Assessment	FIP	MMTTC, KU, Nainital	2021
Diversity of Medicinal and Aromatic Plants	FIP	MMTTC, KU, Nainital	2021
Medicinal Plant Diversity	FIP	Centre for Professional Development in Higher Education (CPDHE) UGC, HRDC, University of Delhi (DU)	2021
Teaching Techniques	FIP	MMTTC, KU, Nainital	2021
Status of Medicinal Plants	FIP	MMTTC, KU, Nainital	2020
Medicinal Plants Diversity and Status	Refresher Course	MMTTC, KU, Nainital	2020
Biodiversity and Conservatuon	Refresher Course	MMTTC, KU, Nainital	2020
Health and Nutrients Contents off Adolescents and Yound Women	National Webinar	Home Science Department, Kumaun University, Nainital	2020
Biodiversity of Medicinal Plants	Invited Lecture	Botany Department, Bareilly College, Bareilly	2020
International Code for Botanical Nomenclatre (ICBN)	National Webinar	UOU, Haldwani	2020
Medicinal Plants in Uttarakhand	National Webinar	Govt. PG College, Rudrapur	2020
Medicinal Plants of Western Himalaya	National Webinar	Landhaura College, Roorkee	2020
Intellectual Property Rights	Invited Lecture	PNG Government PG College, Ramnagar	2019
Biodiversity and	Orientation	MMTTC, KU, Nainital	2019

Sustainability	course		
Motivation and Voluntarism	Invited Lecture	NYK Centre, Haldwani	2019
Biodiversity and its Problems	National Seminar	Landhora College, Roorkee	2019
Biodiversity and Sustainable Development	Orientation course	MMTTC, KU, Nainital	2018
Use of Computer in Research	Pre-Ph.D Course Work	Faculty of Science, Kumaun University, Nainital	2015-2023
Biodiversity and Wild edible Plants	Skill Development Programme	GBPHINSED Kosi-Katarmal, Almora	2018
Biodiversity	National Seminar	RARI, CCRAS, Thapla Ranikhet	2018
Biodiversity and Climate Change	Refresher Course	MMTTC, KU, Nainital	2017
Biodiversity	Refresher Course	MMTTC, KU, Nainital	2017
Biodiversity	Science Conclave	Uttarakhand Open University, Haldwani	2014
Taxonomy	National Workshop	Gurukul Kangri University, Haridwar	2012
Biodiversity	Invited Lecture	Govt. Mahila Degree College, Haldwani	2011
Medicinal Plants of Himalaya	National Seminar on Medicinal Plants of Himalaya: Potential and Prospect.	RARI, CCRAS Ranikhet	2010
Substrate characteristics for the growth of epiphytic ferns	Second Uttarakhand State Science Congress	Uttarakhand Academy of Administration, Nainital	2007
Comparison of Epiphytic ferns in different forest types of Nainital Hills	XXVIII All India Botanical Conference	Botanical Survey of India, Dehradun	2005
Biodiversity or Biological diversity	Inaugural conference of Acadmica	MBGPG College, Haldwani	2005

Ph D Awarded: 42

M. Phil.: 2

M.Sc. dissertation: 25

Popular articles: 200



Signature of the faculty member