

Kumaun University, Nainital

Curriculum Vitae

Name : Dr. Geeta Tewari **MRSC (London)**

Designation : **Professor**

Department : Chemistry

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Educational Qualification

Degree	University	Subjects	Year
Ph.D.	G.B.P.U.A.&T., Pantnagar	Major: Agricultural chemicals Minor: Soil Science	2003
M. Sc.	Kumaun University, Nainital	Chemistry Specialization: Inorganic Chemistry	1997 (1st Position in M. Sc. Chemistry, Kumaun University, Nainital)
B.Sc.	Kumaun University, Nainital	Zoology, Botany and Chemistry	1995
Others			
GATE, 2002			
NET, December 1999			

Work Experience

Position	Department	University/Organization	Year
Teaching Personnel	Vety. Biochemistry	G.B.P.U.A.&T., Pantnagar	Feb. 1998- June 1999
Visiting Lecturer	Chemistry	R.H.Govt. P.G. College, Kashipur M.B.Govt. P. G. College, Haldwani	Nov. 2001- Oct. 2003 Nov. 2003- May 2004
Lecturer	Chemistry	Govt. Polytechnic, Kashipur	Oct 2004- Aug 2005
Lecturer	Chemistry	M.B.Govt. P.G. College, Haldwani	Aug 2005- Dec 2005

Assistant Professor	Chemistry	Kumaun University, Nainital	Dec 2005-Aug 2017
Associate Professor	Chemistry	Kumaun University, Nainital	Aug 2017-Aug 2020
Professor	Chemistry	Kumaun University, Nainital	Aug 2020 till date

Administrative Responsibilities

Position	Nature of responsibility	University/Organization	Year
Member, Admission Committee (B. Sc. I)	Admission	Kumaun University	2008-2009
Member, Admission Committee (B. Sc. II)	Admission	Kumaun University	2009-2012
Member, Admission Committee (M.Sc. I Chemistry/I st Sem)	Admission	Kumaun University	2009-2022
Counsellor	Workshop and Copy checking	IGNOU, D.S.B. Campus, Nainital	2009-2011
In-charge	Book purchasing, book distribution	SAF Library, Chemistry, Kumaun University	2010-till date
Member	Internal Complaint Committee, D.S.B. Campus, Nainital	Kumaun University	2014-till date
Assistant Superintendent Examination	Conduct examination	Kumaun University	2016
Member, Academic Council	Planning, co-ordination, development and review of academic work of the University	Kumaun University	2014-2015,2016-2017,2018-2019
Member, Court	Applications of rules and regulations	Kumaun University	2015-2016,2017-2018
Co-coordinator, Science Faculty, Pre-Ph.D. Course work	Arrange and schedule Ph. D. classes and presentations	Kumaun University	2019
Assistant Proctor, D.S.B. Campus, Nainital	Maintenance of discipline amongst students	Kumaun University	2014-2019
ADSW, D.S.B. Campus, Nainital	Welfare of the students as prescribed in the Regulations	Kumaun University	2019-till date

Deputy Director, IQAC	Initiation and planning of various activities that are necessary to increase the quality of the education	Kumaun University	2020 – 2023
Joint Director, IQAC	Initiation and planning of various activities that are necessary to increase the quality of the education	Kumaun University	2023-till date
Member, KUIIC	Maintain vibrant startup ecosystem	Kumaun University	2021-till date
Team Leader, Student Induction Programme (Deeksharambh)	Conduction of Student Induction Programme which can help new students to adjust and feel comfortable in the new environment.	Kumaun University	2021-2023
Member, RDC	Expert guidance in the specific areas of the student's research work	Uttarakhand Open University, Haldwani	2023
Others			
Member	Flying Squad	Kumaun University	2006,2007,2018-2019
Member, International Advisory Board	Provide guidance, knowledge and feedback to the board	P P Savani University, Surat	2022-till date

Research Interests

- Soil Analysis
- Water Analysis
- Natural Products Chemistry
- Aromatic and Medicinal Plants of Himalayan region
- Heavy Metal Pollution

Publications

a) Research Papers

S. No.	Authors name	Title of the paper	Journal, Vol, page no	Year
1.	Bhawana Kanyal, Chitra Pande, Rajendra C. Padalia, Geeta Tewari , Aabha Gangwar, Lata Rana, Neeta	Aroma profile, antioxidant and anti-inflammatory properties of <i>Cinnamomum camphora</i> L.	Journal of Essential Oil Research (IF 3.0)	2024

	Negi and Om Prakash	essential oils as affected by various drying techniques		
2.	Hemlata Tewari, Virendra Kumar Kasana, Karanam N. Jyothi and Geeta Tewari	Efficacy of essential oils from three <i>Mentha species</i> against postharvest groundnut pest, <i>Caryedon serratus</i> (Olivier) (Coleoptera: Bruchidae)	Journal of Natural Pesticide Research, 7, 100063	2024
3.	Bhawana Kanyal, Chitra Pande, Geeta Tewari , Rajendra C. Padalia, Girish Kharkwal, Neeta Negi Aabha and Om Prakash	Chemical composition, antioxidant, anti-inflammatory, antidiabetic activities, <i>in silico</i> PASS, ADMET study and molecular docking of essential oils from <i>Cinnamomum glanduliferum</i> at various drying conditions	Journal of Essential Oil Bearing Plants. 26(5), 1278-1298 (IF: 2.4)	2023
4.	Nidhi Negi, Garima Chand, Deepa Kholia, Rahul Anand, Santosh Kumar Upadhyay, Geeta Tewari and Penny Joshi	Recent Development in the structural modifications of monocarbonyl analogues of curcumin and their improved biological activities: a review	Pharmacognosy Reviews, 17(34), 247-254	2023
5.	Kshitindra Kumar Singh, Geeta Tewari , Suresh Kumar, Ravikalyan Busa, Aaditya Chaturvedi, Sudarshan Singh Rathore, Ranjeet Kumar Singh and Aabha Gangwar	Understanding urban groundwater pollution in the Upper Gangetic Alluvial Plains of northern India with multiple industries and their impact on drinking water quality and associated health risks	Groundwater for Sustainable Development. 21, 100902 (IF: 5.9)	2023
6.	Bhawana Kanyal, Chitra Pande, Geeta Tewari , Aabha, Lata Rana, Rajendra C. Padalia, Tanuja Kabdal, Om Prakash and Shalini Singh	Influence of post-harvest drying processes on the composition, and biological activities of essential oils from leaves of	Journal of Essential Oil Bearing Plants, 26(1), 161-17 (IF: 2.4)	2023

		camphor tree from Uttarakhand Himalaya, India		
7.	Kshitindra Kumar Singh, Geeta Tewari , Mamta Bisht, R. K. Tiwary, Suresh Kumar, Kiran Patni, Aabha and Bhawna Kanyal	Hydrogeochemical characteristics and multivariate statistical approach for monitoring groundwater quality scenario in the vicinity of industrial area of Western Himalaya, India	Chemistry and Ecology, 39(6), 611-639 (IF: 2.5)	2023
8.	Geetanjali Upadhyay, Sheetal Koranga, Disha Pandey, Lalit Mohan Tewari, Geeta Tewari , Vasundhara Lodhiyal, Disha Upreti, Santosh Kumar Upadhyay, Amrita Kumari and 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), 109	2023
9.	Suresh Kumar, Sunil Toppo, Aneesh Kumar, Geeta Tewari , Atul Beck, Vijeta Bachan and T.B.N. Singh	Assessment of heavy metal pollution in groundwater of an industrial area: a case study from Ramgarh, Jharkhand, India	International Journal of Environmental Analytical Chemistry, 102(18), 7290-7312 (IF: 2.731)	2022
10.	Aabha, Geeta Tewari , Chitra Pande, Bhawna Kanyal, Lata Rana and Shalini Singh	Impact of drying methods on the chemical profile of <i>Zingiber officinale</i> Rosc. rhizome essential oil	Journal of Essential Oil Bearing Plants, 25(5), 1077-1095 (IF: 2.4)	2022
11.	Akanksha Rani, Bhawana Kanyal, Aabha, Geeta Tewari , Chitra Pande and Om Prakash	Chemodiversity and antioxidant potential of the essential oil of fresh leaves of <i>Cinnamomum zeylanicum</i> Blume from Uttarakhand	Journal of Essential Oil Bearing Plants, 25(4), 783-795 (IF: 2.4)	2022
12.	Mamta Bisht, Chitra Pande and Geeta Tewari	Influence of copper amendments on soil properties, growth and metal accumulation by <i>Mentha arvensis</i> L.	Asian Journal of Water Environment and Pollution, 19(4), 33-39	2022
13.	Lata Rana, Geeta Tewari , Chitra	Identification of the aroma compounds	Journal of Essential Oil Bearing Plants, 25(2),	2022

	Pande, Om Prakash, Mamta Bisht, Sunita Bhatt, Bhawna Kanyal and Krishna Rana	of <i>Ocimum americanum</i> as a function of growth stages and their <i>in vitro</i> antioxidant and anti-inflammatory potential	403-418 (IF: 2.4)	
14.	Deepshekha Punetha, Geeta Tewari , Chitra Pande, Sonal Tripathi and Girish C. Kharkwal	Impact of cow manure application as soil amendment on essential oil composition and metal contents in fennel (<i>Foeniculum vulgare</i> Mill)	Applied Biological Research, 23(1): 76-86	2021
15.	Mamta Bisht, Chitra Pande, Geeta Tewari	Effect of copper amendments on the quality of essential oils extracted from the aerial parts of <i>Mentha arvensis</i> L.	Journal of Essential Oil Bearing Plants, 24(2): 193-200 (IF: 2.4)	2021
16.	Shweta Goyal, H.K. Pandey, Kritika Guleria, Geeta Tewari	Variation in antioxidant activity and antioxidant constituents of <i>Thymus serpyllum</i> L. grown in different climatic conditions of Uttarakhand Himalayas	Defense Life Science Journal, 6(2): 109-116	2021
17.	Lata Rana, Geeta Tewari , Chitra Pande	Aroma profile of the aerial parts of <i>Ocimum sanctum</i> L. harvested at vegetative and full blooming stages from three altitudes of North India	Journal of Essential Oil Bearing Plants, 24(3), 408-420 (IF: 2.4)	2021
18.	Shweta Goyal, Geeta Tewari , H. K. Pandey, Anjali Kumari	Exploration of productivity, chemical composition and antioxidant potential of <i>Origanum vulgare</i> L. grown at different geographical locations of Western Himalaya, India	Journal of Chemistry, Article ID 6683300 (IF: 3.0)	2021
19.	Lata Rana, Ankita Rai, Lalit M. Tewari, Neha Chopra, Naveen C. Pandey, Geeta Tewari	Drying potential of leaves oil of <i>Zanthoxylum armatum</i> DC from North India	The Open Bioactive Compounds Journal, 9, 9-14	2021

20.	Geetanjali Upadhyay, Lalit M. Tewari, Geeta Tewari , Neha Chopra, Naveen C. Pandey, Santosh K. Upadhyay, 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, 2-8	2021
21.	Kiran Patni, Chitra Pande, Ashutosh Pratap Pande, Geeta Tewari , Tanuj Joshi	Seasonal variation of uranium and physico-chemical parameters in spring water sources of Pithoragarh city, Uttarakhand, India	Journal of Radioanalytical and Nuclear Chemistry, 392(2) (IF: 1.6)	2021
22.	Sunita Bhatt, Geeta Tewari , Chitra Pande, Deepshekha Punetha and Om Prakash	Antioxidative potential and compositional variation among <i>Origanum vulgare</i> L. collected from different districts of Kumaun Himalayas, Uttarakhand	Journal of Essential Oil Research, 32(2), 121-131 (IF: 3.0)	2020
23.	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
24.	Khitindra Kr. Singh, Geeta Tewari and Suresh Kumar	Evaluation of groundwater quality for suitability of irrigation purposes: A case study in the Udham Singh Nagar, Uttarakhand	Journal of Chemistry, 2020, Article id. 6924026 (IF: 3.0)	2020
25.	Shweta Goyal, Rakshit Pathak, H.K. Pandey, Anjali Kumari, Geeta Tewari , N. S. Bhandari and Madhu Bala	Comparative study of the volatile constituents of <i>Thymus serpyllum</i> L. grown at different altitudes of Western Himalayas	SN Applied Sciences, 2(7), Article 1208 (IF: 2.6)	2020
26.	Kiran Patni, Chitra Pande, Ashutosh Pratap Pande, Geeta Tewari and Tanuj Joshi	Distribution of naturally occurring uranium and other heavy toxic elements in selected spring water samples of Pithoragarh District, Uttarakhand, India	SN Applied Sciences, 2, Article 2129 (IF: 2.6)	2020
27.	S. Bhatt, G. Tewari ,	Evaluation of	Journal of the Indian	2019

	C. Pande, M. Bisht, O. Prakash and L. Rana	antioxidant potential and quality of volatile constituents of fresh and sun dried <i>Ocimum gratissimum</i>	Chemical Society, 96(2), 297-304 (IF: 1.3)	
28.	Sunita Bhatt, Geeta Tewari , Chitra Pande, Om Prakash and Sonal Tripathi	Aroma profile and antioxidant potential of <i>Origanum vulgare</i> L.: impact of drying	Journal of Essential Oil Bearing Plants, 22(1), 214-230 (IF: 2.4)	2019
29.	M. Bisht, L. Rana, G. Tewari , C. Pande and S. Bhatt	Effect of natural drying methods on flavour profile of camphor rich <i>Ocimum americanum</i> L. from North India	Asian Journal of Chemistry, 31(6), 1321-1326	2019
30.	Mamta Bisht, Chitra Pande, Geeta Tewari , Sunita Bhatt and Sonal Tripathi	Effect of zinc on the growth and essential oil composition of <i>Ocimum gratissimum</i> L.	Journal of Essential Oil Bearing Plants, 22(2), 441-454 (IF: 2.4)	2019
31.	Vinod Kumar, C. S. Mathela, Manoj Kumar and Geeta Tewari	Antioxidant potential of essential oils from some Himalayan Asteraceae and Lamiaceae species	Medicine in Drug Discovery, 1, 100004	2019
32.	Deepshekha Punetha, Geeta Tewari , Chitra Pande and Sunita Bhatt	Effect of Climatic conditions on the volatile compounds of the aerial parts of <i>Foeniculum vulgare</i>	Journal of Essential Oil Bearing Plants, 22(4), 1093-1103 (IF: 2.4)	2019
33.	Lalit M. Tewari, Lata Rana, Santosh K. Arya, Geeta Tewari , Neha Chopra, Naveen C. Pandey, Penny Joshi and Rekha Gahtori	Effect of drying on the essential oil traits and antioxidant potential <i>J. regia</i> L. leaves from Kumaun Himalaya	SN Applied Sciences, 1(12), Article 1606 (IF: 2.6)	2019
34.	Deepshekha Punetha, Geeta Tewari and Chitra Pande	Compositional variability in inflorescence essential oil of <i>Coriandrum sativum</i> from North India	Journal of Essential Oil Research, 30(2), 113-119 (IF: 3.0)	2018
35.	Sheetal Oli, Neha Chopra, Lalit Tewari, Brij Mohan, Naveen Pandey, Mamta Bharti, Neetu Bohra	Phytotoxic effect of the extracts of <i>Parthenium hysterophorus</i> L. on the germination,	G-Journal of Environmental Science and Technology, 5(4), 152-157	2018

	and Geeta Tewari	seedling growth and biomass of some agricultural crops		
36.	Gitu Kunwar, Chitra Pande, Geeta Tewari , Sunita Bhatt and Sonal Tripathi	Phytoremedial potential of a new chemotype of <i>Ocimum kilimandscharicum</i> Guerke from Kumaun Himalaya	Journal of Essential Oil Bearing Plants, 21(3), 623-639 (IF: 2.4)	2018
37.	Sunita Bhatt, Geeta Tewari , Chitra Pande and Lata Rana	Impact of drying methods on essential oil composition of <i>Ocimum americanum</i> L. from Kumaun Himalayas	Journal of Essential Oil Bearing Plants, 21(5), 1385-1396 (IF: 2.4)	2018
38.	Neha Chopra, Brij Upreti, Naveen Pandey, Lalit Tewari and Geeta Tewari	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, Article ID 5748524, 1-5	2017
39.	P. S. Bungla, Geeta Tewari , R. S. Rawal, I. D. Bhatt, L. M. Tewari, Arun 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(2), 181-189 (IF: 1.3)	2017
40.	G. C. Kharkwal, C. Pande, G. Tewari , A. Panwar and V. Pande	Terpenoid composition and antimicrobial activity of essential oil from <i>Torilis japonica</i> (Houtt.) DC	Journal of the Indian Chemical Society, 94, 191-194 (IF: 1.3)	2017
41.	Vinod Kumar, C S Mathela, Geeta Tewari , Amit Panwar and Veena Pandey	<i>In vitro</i> antimicrobial activity of essential oils and their acetylenic constituents	Indian Journal of Natural Products and Resource, 8(1), 63-68	2017
42.	A. Rani, M. Bisht, C. Pande, G. Tewari , S. Bhatt and M. Matiyani	Effect of drying on the volatiles of leaves of <i>Murraya koenigii</i> (L.) Spreng	Journal of Essential Oil Bearing Plants. 20(2), 552-558 (IF: 2.4)	2017
43.	Gitu Kunwar, Chitra Pande and Geeta Tewari	Essential oil composition of the aerial parts of <i>Mentha spicata</i> L.	World Journal of Pharmaceutical Research, 6(6), 853-859	2017
44.	P. Kothari, Deepshikha Punetha	Effect of different manure application	International Journal of Latest Technology in	2017

	and Geeta Tewari	on organic carbon of soil sample from Agra city	Engineering, Management & Applied Science, 6(6), 133-135	
45.	Akanksha Rani, Chitra Pande, Geeta Tewari and Kiran Patni	A review on aroma profile of <i>Cinnamomum</i> species in north and north east India	World Journal of Pharmaceutical Research, 6(11), 200-221	2017
46.	Lalit M. Tewari, Geeta Tewari , Brij M. Upreti, Manoj K. Singh and Tapan Nailwal	Comparative <i>in vitro</i> antioxidant activity of extracts of aerial parts of <i>Ginkgo biloba</i> L. from Kumaun Himalaya	World Journal of Pharmaceutical Research, 6(13), 654-666	2017
47.	Sunita Bhatt, Geeta Tewari , Deepshikha Punetha, Jitendra Diwakar and Chitra Pande	Chemical profile of <i>Ocimum americanum</i> L. from North-Western Himalayan region: A comparative study	Indian Perfumer, 60(1), 23-27	2016
48.	Geeta Tewari , Nidhi Sharma, Sunita Sharma, Chitra Pande, Girish C. Kharkwal, Mamta Bisht, Akanksha Rani and Deepshikha Punetha	Effect of sludge addition on some soil properties under oxic and anoxic environment	Journal of Chemical Engineering and Chemistry Research, 3(10), 980-984	2016
49.	Geeta Tewari , Deepti Khati, Lata Rana, Poonam Yadav, Chitra Pande, Sunita Bhatt, Vinod Kumar, Neeta Joshi and Prasoon K. Joshi	Assessment of physicochemical properties of soils from different land use systems in Uttarakhand, India	Journal of Chemical Engineering and Chemistry Research, 3(10), 1114-1118	2016
50.	K. Tewari, C. Pande, G. Tewari , G. C. Kharkwal and D. Punetha	Volatile constituents of <i>Geranium wallichianum</i> D. Don ex Sweet. from north-western Himalayan region	Journal of the Indian Chemical Society, 92(1), 123-125 (IF: 1.3)	2015
51.	G. C. Kharkwal, C. Pande, G. Tewari , A. Panwar and V. Pande	Volatile terpenoid composition and antimicrobial activity of flowers of <i>Melia azedarach</i> Linn. from north west Himalayas, India	Journal of the Indian Chemical Society, 92(1), 141-145 (IF: 1.3)	2015
52.	N. Lohani, G. Tewari , G. C. Joshi, L. M. Tewari, J. Chandra and K.	Comparative phytochemical analysis of wild and cultivated rhizomes	Journal of the Indian Chemical Society, 92(1), 105-109 (IF: 1.3)	2015

	Kishor	of <i>Hedychium spicatum</i> Buch. Ham. of north west Himalaya		
53.	Deepshekha Punetha, Geeta Tewari , Chitra Pande, Girish C. Kharkwal and Kiran Tewari	Investigation on heavy metal content in common grown vegetables from polluted sites of Moradabad District, India	Journal of the Indian Chemical Society, 92(1): 97-103 (IF: 1.3)	2015
54.	Neetu Bora, P. Prasad, Geeta Tewari and Lalit M. Tewari	Variation in picrotin and picrotoxin content of <i>Picrorhiza kurroa</i> Royle ex Benth rhizomes from Garhwal Himalaya	Journal of the Indian Chemical Society. 92(3), 375-378 (IF: 1.3)	2015
55.	Gitu Kunwar, C. Pande, G. Tewari ⁱ , C. Singh and G. Kharkwal	Effect of heavy metals on terpenoid composition of <i>Ocimum basilicum</i> L. and <i>Mentha spicata</i> L.	Journal of Essential Oil Bearing Plants, 18(4), 818-825 (IF: 1.3)	2015
56.	K. Tewari, G. Tewari , C. Pande and G. Kunwar	Volatile constituents of <i>Artemisia parviflora</i> Buch.-Ham. ex Roxb. from Kumaun Himalayan region, India	Journal of Essential Oil Bearing Plants, 18(1), 195-198 (IF: 2.4)	2015
57.	Geeta Tewari , Chitra Pande, Shalini Singh and Charu Singh	Quantification of metal nutrients in <i>Origanum vulgare</i> L. collected from North Western Himalayas	Journal of Chemistry and Applied Biochemistry. 2(1), 109-114	2015
58.	Kiran Tiwari, Chitra Pande, Geeta Tewari , Gitu Kunwar and Deepshekha Punetha	Variation in the chemical profile of <i>Agrimonia aitchisonii</i> Schönb.-Tem. aerial part from Himalayan region	Open Access Journal of Medicinal and Aromatic Plants, 6(1), 15-20	2015
59.	Geeta Tewari , Brij Mohan, Kamal Kishor, Lalit M. Tewari and Tapan K. Nailwal	Volatile constituents of <i>Ginkgo biloba</i> L. leaves from Kumaun: a source of (<i>E</i>)-nerolidol and phytol	Journal of the Indian Chemical Society. 92(10), 1583-1586 (IF: 1.3)	2015
60.	Geeta Tewari , Brijmohan, Lalit Tewari, Kamal Kishor, Tapan K. Nailwal, Manoj Singh	Comparative phytochemical composition and antimicrobial potential of leaf and twig extracts of	G- Journal of Environmental Science and Technology, 2(6), 97-100	2015

		<i>Ginkgo biloba</i> L. from India		
61.	Vinod Kumar, Chandra Shekhar Mathela, Geeta Tewari and Ajay Kumar Pandey	Biopesticide potential of (7R)- <i>trans, trans</i> - nepetalactone and <i>cis</i> -lachnophyllum ester in control of mustard aphid, <i>Lipaphis ersimi</i> (Kalt.)	Jurnal Teknologi, 77(2), 19-24	2015
62.	Prasoon K. Joshi, Neeta Joshi, Geeta Tewari and Shishir Tandon	Chemical, biocidal and pharmacological aspects of <i>Origanum</i> species: A brief review	Journal of the Indian Chemical Society, 92, 1603-1615 (IF: 1.3)	2015
63.	Sunita Bhatt, Gitu Kunwar, Geeta Tewari , Akanksha Rani and Mamta Bisht	Effect of drying on the quality of essential oil of <i>Ocimum americanum</i> L.	ESSENCE-International Journal for Environmental Rehabilitation and Conservation, 2, 54-62	2015
64.	Mamta Bisht, Chitra Pande, Geeta Tewari and Alkesh Chauhan	Essential oil composition of <i>Mentha arvensis</i> cultivated in the Tarai region of Uttarakhand	Indian Perfumer, 59(4), 17-20	2015
65.	Gitu Kunwar, Geeta Tewari , Chitra Pande, Charu Singh and Girish C. Kharkwal	Family Lamiaceae: phytoremediation aspects	Journal of the Indian Chemical Society, 91(1), 107-112 (IF: 1.3)	2014
66.	Vinod Kumar, C. S. Mathela, Geeta Tewari , Darshan Singh, A. K. Tewari and K. S. Bisht	Phytochemical analysis and antifungal potential of the essential oils from Himalayan <i>Erigeron</i> Species against phytopathogenic fungi	LWT- Food Science and Technology, 56(2), 278- 283 (IF: 6.0)	2014
67.	Vinod Kumar, Chandra Shekhar Mathela, Geeta Tewari and Darshan Singh	Antifungal activity of <i>Nepeta elliptica</i> Royle ex Benth. oil and its major constituent (7R)- <i>trans, trans</i> - nepetalactone: A comparative study	Industrial Crops and Products, 55, 70-74 (IF: 5.9)	2014
68.	C. Singh, S. Singh, C. Pande, G. Tewari and G. Kharkwal	Chemical composition of the leaves essential oil from <i>Cinnamomum</i>	Journal of Essential Oil Bearing Plants, 17(5), 927-930 (IF: 2.4)	2014

		<i>glanduliferum</i> (Wall) Meissn from Uttarakhand, India		
69.	Deepshikha Punetha, Chitra Pande, Geeta Tewari and Kiran Tewari	Qualitative variation in <i>Coriandrum sativum</i> L. seed oil with manure application	Indian Perfumer. 58(2), 27-30	2014
70.	G. C. Kharkwal, C. Pande, G. Tewari , A. Panwar and V. Pande	Composition and antimicrobial activity of the essential oil of <i>Heracleum lanatum</i> Michx. from Uttarakhand Himalaya	International Journal of Scientific & Technology Research, 3(12), 60-64	2014
71.	Geeta Tewari and Chitra Pande.	Health risk assessment of heavy metals in seasonal vegetables from north-west Himalaya	African Journal of Agricultural Research, 8(23), 3019-3024	2013
72.	S. Singh, G. Tewari , C. Pande and C. Singh	Variation in essential oil composition of <i>Ocimum americanum</i> L. from Kumaun north-western Himalayan region	Journal of Essential Oil Research, 25(4), 278-290 (IF: 3.0)	2013
73.	S. Singh, G. Tewari , C. Pande and C. Singh	Chemical variation in volatiles of <i>Craniotome furcata</i> : Correlation with soil properties	Records of Natural Products, 7(4), 332-345 (IF: 2.0)	2013
74.	Charu Singh, Shalini Singh, Chitra Pande, Geeta Tewari , Veena Pande and Pratibha Sharma	Exploration of antimicrobial potential of essential oils of <i>Cinnamomum glanduliferum</i> , <i>Feronia elephantum</i> , <i>Bupleurum hamiltonii</i> and <i>Cyclosporum leptophyllum</i> against foodborne pathogens	Pharmaceutical Biology, 51(12), 1607-1610 (IF: 3.8)	2013
75.	Nidhi Lohani, Lalit M. Tewari, Ravi Kumar, G. C. Joshi, Kamal Kishore, Sanjay Kumar,	Chemical composition of <i>Microstylis wallichii</i> Lindl. From West Himalaya	Journal of Medicinal Plants Research, 7(31), 2289-2292	2013

	Geeta Tewari and Neeta Joshi			
76.	Vineeta Pandey, Tapan K. Nailwal, Rachana bajpai, Geeta Tewari , Kamal Kishor and Lalit M. Tewari	Studies on morphological, chemical and molecular aspects of <i>Ocimum</i> species from Central Himalaya, India	Report and Opinion, 5(9), 31-35	2013
77.	Geeta Tewari , Devyani Bhatt, Subhash Junne, Ramakant Mundhe, Shivaji Parale and M.M.V. Baig	Municipal solid waste management in Nainital, Uttarakhand: A case study	QUEST-The Journal of UGC-ASC, Nainital, 7(3), 288-295	2013
78.	C. Pande, G. Tewari , S. Singh and C. Singh	Chemical markers in <i>Origanum vulgare</i> L. from Kumaun Himalayas: a chemosystematic study	Natural Product Research, 26 (2), 140-145 (IF: 2.2)	2012
79.	G. Tewari , C. Pande, G. Kharkwal, S. Singh and C. Singh	Phytochemical study of the essential oil from the aerial parts of <i>Coleus aromaticus</i> Benth	Natural Product Research, 26 (2), 182-185 (IF: 2.2)	2012
80.	C. Pande, G. Tewari , C. Singh and S. Singh	Chemical composition of the essential oil from the aerial parts of <i>Bupleurum hamiltonii</i> Balak from Uttarakhand, India	Natural Product Research, 26 (15), 1442-1445 (IF: 2.2)	2012
81.	Geeta Tewari , P. C. Srivastava, Bali Ram and Lalit Tewari	Effect of moisture regime on release of Pb and Zn in long term contaminated soils	Electronic Journal of Environmental, Agricultural and Food Chemistry, 11 (3), 205-213	2012
82.	C. Pande, G. Tewari , C. Singh and S. Singh	Essential oil composition of aerial parts of <i>Cyclospermum leptophyllum</i> (Pers.) Sprague ex Britton & P. Wilson	Natural Product Research, 25 (6), 592-595 (IF: 2.2)	2011
83.	Geeta Tewari , P.C. Srivastava, Bali Ram and Neeta Joshi	Transformation of added lead and nickel in different soil conditions: A comparative study	Researcher, 3(1), 113-118	2011

84.	Geeta Tewari , Lalit Tewari, P.C. Srivastava and Bali Ram	Nickel chemical transformation in polluted soils as affected by metal source and moisture regime	Chemical Speciation and Bioavailability (Environmental Pollutants and Bioavailability), 22(3), 141-155 (IF: 3.3)	2010
85.	Chitra Pande, Geeta Tewari , Charu Singh, Shalini Singh and R.C. Padalia	Chemical composition of the essential oil of <i>Feronia elephantum</i> Correa	Natural Product Research, 24(19), 1807-1810 (IF: 2.2)	2010
86.	K. Upreti, J. S. Jalal, L. M. Tewari, G. C. Joshi, Y. P. S. Pangtey and G. Tewari	Ethnomedicinal uses of Pteridophytes of Kumaun Himalaya, Uttarakhand, India	Journal of American Science, 5 (4), 167-170	2009
87.	G. C. Joshi, L. M. Tewari, N. Lohani, K. Upreti, J. S. Jalal and G. Tewari	Diversity of orchids on Uttarakhand and their conservation strategy with special reference to their medicinal importance	Report and Opinion, 1 (3), 47-52	2009
88.	Geeta Tewari , Lalit Tewari, P.C. Srivastava and Bali Ram	Chemical transformation of copper in some sludge amended soils	Archives of Agronomy and Soil Science, 55(4), 415-427 (IF: 2.4)	2009
89.	Priti Kumari, Lalit M. Tewari, Tapan K Nailwal, Lalit Singh, Geeta Tewari and Bibbesh K. Singh	Chromosomal abnormalities arising under the action of antibiotics in <i>Pisum sativum</i>	Nature and Science, 7(3), 104-11	2009
90.	Lalit M. Tewari, Geeta Tewari , Tapan Nailwal and Y.P.S. Pangtey	Bark factors affecting the distribution of epiphytic ferns communities	Nature and Science, 7(5), 76-81	2009
91.	Manisha Pant, Tapan Kumar Nailwal, Lalit M. Tewari, Sanjay Kumar, Priti Kumari, Hemlata Kholia and Geeta Tewari	Molecular characterization of <i>Valeriana</i> species with PCR, RAPD and SDS PAGE	Nature and Science, 7(7), 41-49	2009
92.	Poonam Tripathi, Lalit M. Tewari, Ashish Tewari, Sanjay Kumar, Y.P.S. Pangtey and Geeta Tewari	Gymnosperms of Nainital	Report and Opinion, 1(3), 82-104	2009
93.	Geeta Tewari , Lalit Tewari, P. C. Srivastava and Bali	Effect of soil type and moisture regime on long-term	Chemical and Environmental Research (India), 17(1-2), 139-153	2008

	Ram	changes in chemical fractions of copper in polluted soils		
94.	Geeta Kandpal , P. C. Srivastava and Bali Ram	Kinetics of desorption of heavy metals from polluted soils: influence of soil type and metal source	Water, Air and Soil Pollution, 161(1-4), 353-363 (IF: 2.9)	2005
95.	Geeta Kandpal , Bali Ram, P. C. Srivastava and S. K. Singh	Effect of metal spiking on different chemical pools and chemically extractable fractions of heavy metals in sewage sludge	Journal of Hazardous Materials, 106B, 133-137 (IF: 13.6)	2004
96.	Geeta Kandpal , P. C. Srivastava and Bali Ram	Dynamics of transformation of Pb fractions in polluted soils	Chemical and Environmental Research (India), 13 (1&2), 63-71	2004
97.	Geeta Kandpal , Bali Ram and Prakash Chandra Srivastava	Transformation of cadmium in soils treated with Cd-enriched sewage sludge and cadmium chloride under field capacity and flooding moisture regimes	Chemical Speciation and Bioavailability (Environmental Pollutants and Bioavailability), 16(3&4), 111-118 (IF: 3.3)	2004
98.	Sanjay Sachan, S. K. Singh and Geeta Kandpal	Diagnosis of nutritional disorder in wheat and sugarcane by visible deficiency symptoms	Indian Farmer's Digest, 34 (11): 26	2001

b) Books

S. No.	Authors name	Title of the book	Publisher	ISBN	Year
1.	Geeta Tewari , Deepika Pant, Penny Joshi, Santosh K. Upadhyay, Lalit M. Tewari (Editors)	Sustainable Utilization and Conservation of Biological Wealth	Indu Book Services Pvt. Ltd., India	978-93-91377-88-5	2024
2.	Geeta Tewari , Penny Joshi, Lalit M. Tewari (Editors)	Modern Trends in Medicinal and Aromatic Plants	Indu Book Services Pvt. Ltd., India	978-93-91377-78-6	2023
3.	Geeta Tewari (Editor)	M. Sc. I st semester, Inorganic Chemistry	Uttarakhand Open University, Haldwani		2020
4.	Geeta Tewari ,	Natural Products	Nova	978-1-	2020

	Ashish Tewari, Lalit M. Tewari, Chitra Pande (Editors)	and Their Utilization Pattern	Science Publishers, NY, USA	53618-140-1	
5.	Geeta Tewari (Editor)	B. Sc. III year, Laboratory Course	Uttarakhand Open University, Haldwani	978-93-90845-13-2	2019
6.	Geeta Tewari (Editor)	B. Sc. III year, Inorganic Chemistry-III	Uttarakhand Open University, Haldwani	978-93-90845-07-1	2019
7.	Geeta Tewari (Text book)	Inorganic Chemistry-II	S. Chand Publishing, New Delhi	978-93-528-3323-8	2018
8.	Geeta Tewari (Text book)	Inorganic Chemistry-I	S. Chand Publishing, New Delhi	978-93-528-3408-2	2018
9.	Lalit M. Tewari, Y.P. S. Pangtey, Geeta Tewari (Editors)	Biodiversity Potentials of the Himalaya	Gyanodaya Prakashan, Nainital	85097-82-8	2010

c) Book chapters

S. No.	Authors name	Title of the book/Title of the book chapter	Publisher	ISBN	Year
1.	Sheetal Koranga, Lalit M. Tewari, Geeta Tewari , Santosh K. Upadhyay, A. Kumari, Naveen C. Pandey, Geetanjali Upadhyay, Disha Upreti, Pinki Chug and Vasundhara Lodhiyal	Antioxidant profiling of leaf extracts of <i>Cornus macrophylla</i> Wall. ex Roxb. In: Sustainable Utilization and Conservation of Biological Wealth (Eds. Geeta Tewari, Deepika Pant, Penny Joshi, Lalit M. Tewari and Santosh K. Upadhyay), Chapter 16, pp. 287-297	Indu Book Services Pvt. Ltd. India	978-93-91377-88-5	2024
2.	Mamta Bisht, Geeta Tewari , Chitra Pande and Ankit Joshi	Stress-responsive Factors and Molecular Farming in Medicinal Plants (Eds. Divy Singh, Amit Kumar Mishra, Akhileshwar Kumar Srivastava) / Response of	Springer Link, Singapore	978-981-99-4479-8	2023

		secondary metabolites of <i>Ocimum gratissimum</i> L. under copper stress condition, Chapter 3, pp. 29-41			
3.	Aabha, Bhawana Kanyal, Krishna Rana, Neeta Negi, Geeta Tewari , Chitra Pande, Lata Rana, Kshitindra Kumar Singh, Shalini Singh, Girish C. Kharkwal and Kamaksha Mishra	Modern Trends in Medicinal and Aromatic Plants (Eds. Dr. Geeta Tewari, Dr. Penny Joshi, Dr. Lalit M. Tewari) / Chemical composition and therapeutic potential of <i>Hedychium spicatum</i> Buch. Ham. rhizomes, Chapter 1, pp. 1-14	Indu Book Services Pvt. Ltd. India	978-93-91377-78-6	2023
4.	Disha Upreti, L. M. Tewari, Medha Durgapal, Geeta Tewari , Santosh Kumar Upadhyay, Amrita Tripathi, Naveen Chandra Pandey, Geetanjali Upadhyay, Vasundhara Lodhiyal, Girish C. Kharkwal and Deepika Pant	Assessment of antioxidant and antimicrobial potential of leaf extracts of <i>Pogostemon bengalensis</i> (Burm. f.) Kuntze from Kumaun Western Himalaya, Chapter 7, pp. 113-133	Indu Book Services Pvt. Ltd. India	978-93-91377-78-6	2023
5.	Lata Rana, Geeta Tewari , Deepshikha Punetha, Mamta Bisht, Geetanjali Upadhyay, Chitra Pande	Therapeutic Potential and Medicinal and Aromatic Plants of the World / Phytochemistry of Natural Herbals of Family Lamiaceae: <i>Ocimum sanctum</i>	UNESCO-EOLSS Joint Committee) in Encyclopedia of Life Support Systems (EOLSS)		2022

	and Lalit M. Tewari	L. and <i>Ocimum basilicum</i> , Chapter 27			
6.	Deepshekha Punetha, Geeta Tewari , Chitra Pande, Girish Kharkwal and Sonal Tripathi	Handbook of Research on Waste Diversion and Minimization Technologies for the Industrial Sector (Eds. A. K. Rathoure) / Assessment of phytoremediation efficiency of <i>Coriandrum sativum</i> in metal polluted soil and sludge samples: a green approach, Chapter 5, pp. 58-85	IGI Global Publisher, Hershey, PA, USA	978-1-7998-4921-6	2021
7.	Mamta Bisht, Chitra Pande and Geeta Tewari	Waste Strategies, Challenges and Future Directions (Eds. N. G. Sahoo) / Waste management of agricultural waste: present, past and future, Chapter 14, pp. 375-386	Nova Science Publishers, New York	978-1-68507-394-7	2021
8.	Geeta Tewari	MEVE 019, Environmental Issues / Persistent Organic and Radioactive pollutants	IGNOU, New Delhi		2021
9.	Lalit M. Tewari, G. Tewari , Neha Chopra, Ashish Tewari, Naveen C. Pandey and Manish Kumar	Natural Products and Their Utilization Pattern (Eds. Geeta Tewari, Ashish Tewari, Lalit M. Tewari, Chitra Pande) / Phytochemical screening and antioxidant potential of some selected wild edible plants of Nainital District, Uttarakhand, Chapter 4, pp. 71-	Nova Science Publishers, New York	978-1-53618-140-1	2020

		98			
10.	Lata Rana, Geeta Tewari and Chitra Pande	Natural Products and Their Utilization Pattern (Eds. Geeta Tewari, Ashish Tewari, Lalit M. Tewari, Chitra Pande) / Phytochemical and pharmacological overview of <i>Ocimum sanctum</i> Linn.: effect of growth stages, Chapter 6, pp. 111-124	Nova Science Publishers, New York	978-1- 53618-140- 1	2020
11.	Deepshekha Punetha, Geeta Tewari , Chitra Pande, Lata Rana and Sonal Tripathi	Zero Waste: Management Practices for Environmental Sustainability (Eds. Ashok K. Rathoure) / Effect of manure on the metal efficiency of <i>Coriandrum sativum</i> , Chapter 17, pp. 277-300	CRC Press, Boca Raton	978-0-429- 05924-7	2019
12.	Geeta Tewari	B. Sc. II, Inorganic Chemistry / Unit 6: Coordination compounds, pp 96- 123	Uttarakhand Open University, Haldwani, India	978-93- 90845-04-0	2018
13.	Geeta Tewari	B. Sc. II, Inorganic Chemistry / Unit 7: Isomerism in coordination compounds, pp. 124-165	Uttarakhand Open University, Haldwani, India	978-93- 90845-04-0	2018
14.	Geeta Tewari	B. Sc. II, Inorganic Chemistry / Unit 8: Oxidation and reduction, pp. 166- 192	Uttarakhand Open University, Haldwani, India	978-93- 90845-04-0	2018
15.	Geeta Tewari	B. Sc. II, Inorganic Chemistry / Unit 9: Acids and bases, pp. 193-218	Uttarakhand Open University, Haldwani, India	978-93- 90845-04-0	2018
16.	Jagdish C. Arya, G. C. Joshi, Geeta Tewari , Lalit M. Tewari,	Medicinal and Nutritional Values of Plants (Eds A. Chauhan and P. K. Bharti) / Medicinal	Discovery Publishing House Pvt. Ltd., New Delhi, India	978-93- 5056-883-5	2017

	Naveen Pandey, Brij M. Upreti and Kamal Kishor	uses of some potential ethno-medicinal threatened plants of Tarai region of Udam Singh Nagar, Uttarakhand, pp. 104-115			
17.	Lalit M. Tewari, Brij M. Upreti, Neetu Bohra, Mamta Bharti, Naveen Pandey, Neha Chopra, Geeta Tewari and Tapan Nailwal	Microbiological Pharmacological Aspects of Biodiversity (Eds. P. Sharma, N. G. Sharma and P. Sharma) / Conservation of <i>Ginkgo biloba</i> L. through <i>in-vitro</i> techniques and its molecular characterization, pp. 24-36	Discovery Publishing House Pvt. Ltd., New Delhi, India	978-93-5056-878-1	2017
18.	Geeta Tewari	B. Sc. I, Inorganic Chemistry / Unit 12: Elements of group, pp. 278-318	Uttarakhand Open University, Haldwani, India	978-93-85740-53-4	2017
19.	Geeta Tewari	B. Sc. I, Inorganic Chemistry / Unit 13: Elements of group, pp. 319-351	Uttarakhand Open University, Haldwani, India	978-93-85740-53-4	2017
20.	Geeta Tewari	B. Sc. I, Inorganic Chemistry / Unit 14: Chemistry of noble gases, pp. 352-377	Uttarakhand Open University, Haldwani, India	978-93-85740-53-4	2017
21.	Geeta Tewari	Soil Contamination and Conservation (Eds. E. P. Ikemefuna and P. K. Bharti) / Effect of metal sources and incubation period on nickel and copper speciation in polluted soils under oxic and anoxic environment, pp. 12-35	Discovery Publishing House Pvt. Ltd., New Delhi, India	93-5056-737-7	2015
22.	Deepshekha Punetha, Chitra Pande,	Environmental Science and Carbon	Academic Excellence, New Delhi	978-93-83246-20-5	2015

	Geeta Tewari , Sunita Bhatt, Kiran Tewari, Jitendra Diwakar and Sonal Tripathi	Management (Eds. Deepak Pant, Anand Giri, Tenzin Dolker and Virbala Sharma) / Effect of metal contaminated soil on <i>Foeniculum vulgare</i> . Recent Trends, pp. 64-73			
23.	Geeta Tewari	Aquatic Environment and Toxicology (Eds Pawan Kumar Bharti) / Investigation on heavy metal transfer in different vegetables, pp. 156-161	Aditi Fine Art Press, Delhi	93-5056-236-7	2013
24.	Shaini Singh, Geeta Tewari , Chitra Pande and Charu Singh	Impact of Global Climate Change on Earth Ecosystems (Eds. D.R. Khanna, A. K. Chopra, Gagan Matta, Vikas Singh and Rakesh Bhutiani) / Chemotaxonomy of Wild <i>Origanum vulgare</i> L. from Kumaun Himalayas, pp. 103-114	Biotech Books, New Delhi	978-81-76222-73-0	2013
25.	Charu Singh, Chitra Pande, Geeta Tewari and Shalini Singh	Impact of Global Climate Change on Earth Ecosystems (Eds. D.R. Khanna, A. K. Chopra, Gagan Matta, Vikas Singh and Rakesh Bhutiani) / Terpenoid composition of leaves, seeds and roots of <i>Cyclospermum leptophyllum</i> : A comparative study, pp. 115-119	Biotech Books, New Delhi	978-81-76222-73-0	2013
26.	Geeta Tewari , P. C.	Science and Technology in	Macmillan Publishing India	978-935-059-013-3	2012

	Srivastava, Shalini Singh, Charu Singh, Bali Ram and Lalit Tewari	Uttarakhand (Eds Rajendra Dobhal, D. P. Uniyal and B. P. Purohit) / Transformation of added copper in polluted soils: Effect of moisture regime, pp. 212-222	Ltd., New Delhi		
27.	Geeta Tewari and Shalini Singh	Environment, Development and Society. (Eds. B.L. Shah, Divya Upadhyay and Ritesh Shah) / Transfer of heavy metals in vegetables from agricultural soils, pp. 195-199	Durga Ma Prakashan, Haldwani	978-81-920509-0-4	2011
28.	Sanjay Kumar, Lalit M. Tewari, Kanchan Upreti and Geeta Tewari	Contemporary Research Papers of Social Sciences (Eds. Prakash Lakhera) / Van Panchayat in Uttarakhand, pp. 301-316	Mallika Books, Delhi	978-8179880586	2010
29.	Lalit M. Tewari, Sanjay Kumar and Geeta Tewari	Contemporary Research Papers of Social Sciences (Eds. Prakash Lakhera) / Role of Science and Technology in National Development, pp. 95-108	Mallika Books, Delhi	978-8179880586	2010
30.	Geeta Tewari , P.C. Srivastava, Bali Ram and Lalit Tewari	Hazardous Materials in the Soil and Atmosphere: Treatment, Removal and Analysis (Eds. Robert C. Hudson) / Chemical fractions and bioavailability of heavy metals in polluted soils, pp. 89-115	Nova Science Publishers	978-1600212505	2006

d) Conference Publications/Proceedings

S. No.	Authors name	Title of the paper	Conference name	Year
1.	C. Pande, C. Singh, G. Tewari , S. Singh and G. Kharkwal	Use of <i>Mentha arvensis</i> for phytoremediation	National Seminar on Advances on Natural Products Chemistry and Sustainable Development	2011
2.	Geeta Tewari , Chitra Pande, Shalini Singh, Charu Singh and Sonal Tripathi	Screening of soils and vegetables for the presence of toxic metals from agricultural belt of Tarai region of Kumaon Himalaya	National Seminar on Advances on Natural Products Chemistry and Sustainable Development	2011
3.	Girish C. Kharkwal, Chitral Pande, Geeta Tewari , Charu Singh and Shalini Singh	Essential oil composition of fresh leaves of <i>Bupleurum lanceolatum</i> Wall from Uttarakhand	National Seminar on Advances on Natural Products Chemistry and Sustainable Development	2011
4.	S. Singh, G. Tewari , C. Pande and G. Kharkwal	Heavy metal content in agricultural soil and some vegetables of Tarai region of Kumaun Himalaya	National Conference on Environmental Conservation, Sustainable Natural Resources Management and Strategies for Regional Development with reference to Uttarakhand	2011
5.	G. Kharkwal, C. Pande, G. Tewari and C. Singh	Effect of heavy metal polluted soil on essential oil composition of <i>Ocimum basilicum</i>	National Conference on Environmental Conservation, Sustainable Natural Resources Management and Strategies for Regional Development with reference to Uttarakhand	2011
6.	C. Singh, C. Pande, G. Tewari and G. Kharkwal	Green technology for removal of heavy metals in polluted soil by using <i>Ocimum</i>	National Conference on Environmental Conservation, Sustainable Natural Resources	2011

		<i>basilicum</i>	Management and Strategies for Regional Development with reference to Uttarakhand	
7.	Geeta Kandpal , Bali Ram, P. C. Srivastava, S. K. Singh and U. P. Sahi	Chemical transformation of Zn in soils polluted by inorganic salts and city sludge	NSE-12	2003

Projects

Title of the project	Funding agency	Amount (Rs) (Lakhs)	Year
Exploration of chemodiversity of <i>Micromeria biflora</i> (Buch.-Ham. Ex D. Don) Benth. and <i>Thymus linearis</i> Benth. (PI)	Kumaun University, Nainital under Internal Funding for Research	2.00	2024
Conservation of selected ethno-medicinally important plants of Kumaun Himalaya (Co-PI)	GBPNIHE & SD, Kosi, Katarmal, Almora	12.936	2023
Sustainable approach for cleanup of metal polluted soils using basil species with respect to their genetic diversity (Co-PI)	GBPNIHE & SD, Kosi, Katarmal, Almora	9.955	2017
Ecological, taxonomical and ethnobotanical study of wild edible plants of Nainital district of Uttarakhand, India (Co-PI)	GBPIHED, Kosi, Katarmal, Almora	13.65	2016
Studies on optimization of drying conditions for high quality basil oil (PI)	Kumaun University, Nainital	1.05	2016

Studies on heavy metals contamination in polluted soils as pollution indicator (PI)	UGC, New Delhi	1.07	2013
Phytoremediation strategies of heavy metal contaminated soils using <i>Foeniculum</i> and <i>Coriandrum</i> (Co-PI)	MOEnF, New Delhi	27.00	2012
Studies on conservation of <i>Ginkgo biloba</i> Linn. (Ginkgoaceae): A rare exotic medicinal plant (Co-PI)	UGC, New Delhi	8.018	2012
Remedial Strategies for metal contaminated soils using <i>Mentha</i> and <i>Ocimum</i> species (Co-PI)	USERC, Dehradun	11.00	2010
Studies of heavy metal contamination on agricultural soils and dominant crops as pollution indicator in Tarai region of Kumaun Himalaya (PI)	UCOST, Dehradun	7.11	2009

Teaching details

Name of the course/paper	Department	University	Year
Physiological Chemistry	Vety. Biochemistry	GBPUA&T, Pantnagar	1998-1999
Inorganic Chemistry (B. Sc. I year)	Chemistry	RHGPG College, Kashipur, Kumaun University, Nainital	2001-2004
Organic Chemistry (B. Sc. III year)	Chemistry	RHGPG College, Kashipur, Kumaun University, Nainital	2001-2004
Inorganic	Chemistry	RHGPG College,	2001-2004

Chemistry (M. Sc. I year)		Kashipur, Kumaun University, Nainital	
M. Sc. I year Practical	Chemistry	RHGGPG College, Kashipur, Kumaun University, Nainital	2001-2004
B. Sc. III year Practical	Chemistry	RHGGPG College, Kashipur, Kumaun University, Nainital	2001-2004
Organic Chemistry (B. Sc. II year)	Chemistry	MBGPB College, Haldwani	2004, 2005
Organic Chemistry (B. Sc. III year)	Chemistry	MBGPB College, Haldwani	2004, 2005
Inorganic Chemistry (M. Sc. I year)	Chemistry	MBGPB College, Haldwani	2004, 2005
Inorganic Chemistry (B. Sc. I year)	Chemistry	S. S. J. Campus, Nainital Kumaun University, Nainital	2006
Inorganic Chemistry (M. Sc. I year)	Chemistry	S. S. J. Campus, Nainital Kumaun University, Nainital	2006
M. Sc. I year Practical	Chemistry	S. S. J. Campus, Nainital Kumaun University, Nainital	2006
B. Sc. III year Practical	Chemistry	S. S. J. Campus, Nainital Kumaun University, Nainital	2006
B. Sc. I year/B. Sc. I Sem Practical	Chemistry	D. S. B. Campus, Nainital, Kumaun University, Nainital	2006-till date
B. Sc. II year/B. Sc. III & IV Sem Practical	Chemistry	D. S. B. Campus, Nainital, Kumaun University, Nainital	2006-2022
M. Sc. I year / I Sem Practical	Chemistry	D. S. B. Campus, Nainital, Kumaun University, Nainital	2006-till date
M. Sc. II year / III Sem & IV Sem Practical	Chemistry	D. S. B. Campus, Nainital, Kumaun University, Nainital	2006-till date
B Sc III year/B Sc V & VI Sem Practical	Chemistry	D. S. B. Campus, Nainital, Kumaun University, Nainital	2006-2022
Physical Chemistry (B. Sc. I year)	Chemistry	D. S. B. Campus, Nainital, Kumaun University, Nainital	2006, 2007, 2008
Physical Chemistry (B. Sc. II year)	Chemistry	D. S. B. Campus, Nainital, Kumaun University, Nainital	2006, 2007, 2008
Inorganic Chemistry (B. Sc. I year)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2006- till date

Inorganic Chemistry (B. Sc. II year)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2006-2019
Inorganic Chemistry (B. Sc. III/VI Sem year)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2009-2019
Inorganic Chemistry (M. Sc. I year)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2006- till date
Inorganic Chemistry (M. Sc. I sem)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2006- till date
Inorganic Chemistry (M. Sc. II sem)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2006- till date
Chemistry of Biological System (M. Sc. III sem)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2019- till date
Mossbauer Spectroscopy (M. Sc. III sem)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2015
Solid State Chemistry (M. Sc. III sem)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2014
General and Organometallic Chemistry (M. Sc. IV sem)	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2013-till date
Pre-Ph D course work	Chemistry	D. S. B. Campus, Nainital Kumaun University, Nainital	2010-2023

Professional Memberships

Organization	Position	Year
Royal Society of Chemistry, London (749132)	Member	2024
Society for Mountain Development and Conservation, Nainital	Life member	
Indian Chemical Society (F/7448 (LM))	Life Fellow	2012
Medicinal and Aromatic Plants Association of India (127)	Life member	2011
Chemistry Teacher Association (LM No. 901)	Life member	2011
Organization for Women in Science for the Developing World (OWSDW), Italy (4567)	Full individual member	2011
Essential Oil Association of India	Scientist life member	2010

(CZSL 083)		
Indian Science Congress (L12629)	Life member	

Honours and Awards

Award	Awarding Organization	Year
Excellence in Research Award-2023	Divya Himgiri and UCOST, Dehradun	2023
Prof D N Agrawal Research Award	Kumaun University, Nainital	2022
Prof Y P S Pangtey Research Award	Kumaun University, Nainital	2022
Teacher of the Year Award	Divya Himgiri and UCOST, Dehradun	2021
Governor's Award to the Ph. D. Scholar	HE Governor	2015
Women Scientist Award	ETCBI-2011	2011
Young Scientist Award	UCOST, Dehradun	2008

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Wealth & Health: Prospects of Aromatic & Medicinal Plants	Virtual National Conference on Integrated Approach in Science and Technology for Sustainable Future	Sant Hirdaram Girls College, Bhopal	2022
Socioeconomic Improvement through Cultivation of Medicinal and Aromatic Plants	National Webinar on Socioeconomic Improvement through Cultivation of Medicinal and Aromatic Plants	SSJ University, Almora	2021
Medicinal Plants and their Utilization Pattern	Online skill development course on Primary processing of economically important medicinal and aromatic plants	Online by Kumaun University, Nainital	2020
Variation in the volatile components and antioxidant potential of fresh and dried walnut leaves from Kumaun Himalaya	International Conference on Energy, Functional Materials and Nanotechnology & Sustainable	Hermitage, Nainital	2019

	Environment Management (ICEFN&SEM-2019)		
Essential oil composition and antifungal activity of <i>Pimpinella achilleifolia</i> (DC) Clark	National Seminar on Plant and Environment	Botany Department, D. S. B. Campus, Nainital	2017
Drying influence on the terpenoid composition of holy basil	International Seminar on Environmental Governance and Sustainable Development	HRDC, Kumaun University, Nainital	2017
Antioxidant potential of the extracts from <i>Ginkgo biloba</i> L.	International conference on Energy, Functional materials and Nanotechnology	The Hermitage, Kumaun University, Nainital	2016
Women and biodiversity conservation	National Conference on Woman related Issues	Nainital Club, Nainital	2015
Metal speciation of nickel in polluted soils: A lab study	International Conference	Sidartha Institute of Pharmacy, Dehradun	2013
Chemical composition of <i>Ginkgo biloba</i> L. leaves from Kumaun Himalaya	8 th Uttarakhand State Science Congress	Doon University, Dehradun	2013
Chemotypic variation in <i>Craniotome furcata</i> : Effect of microclimatic conditions	International conference on Green Technologies for Environmental Rehabilitation (GTER-2012)	Gurukul Kangari University, Haridwar	2012
Transfer of heavy metals in vegetables from agricultural soils	National Symposium on Environment, Development and Society	ASC, Nainital	2010
Assessment of heavy metal pollution of agricultural soils in tarai region	Fifth Uttarakhand State Science Congress	Doon University, Dehradun	2010
Effect of moisture regime on release of Pb and Zn in long	4 th Uttarakhand State Science Congress	G.B.P.U.A. & T., Pantnagar	2009

term contaminated soils			
Transformation of added copper in polluted soils: effect of moisture regime	Third Uttarakhand State Science Congress	I.I.T., Roorkee	2008
Chemical transformation of Cu and Zn in polluted soils under field capacity and flooding moisture regimes	Second Uttarakhand State Science Congress	Uttarakhand Academy of Administration, Nainital	2007
Chemical speciation of cadmium (Cd) in polluted soils	First Uttaranchal State Science Congress	DIT, Dehradun	2006

M. Sc. Dissertation: 18

Ph. D. Awarded: 7 (Guide); 4 (Co-Guide)



Signature of the faculty member