Kumaun University, Nainital
Curriculum Vitae

Name : Dr. Penny Joshi

Designation : Assistant Professor

Department : Chemistry

Contact Information

- Email Address : *dr.pennyjoshi@gmail.com*
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ORCD ID : 0000-0003-2992-8366

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Vidwan ID : https://vidwan.inflibnet.ac.in/profile/516916

Educational Qualification

Degree	University	Subjects	Year
Ph.D	University of Delhi, Delhi	Chemistry	2008
M.Sc.	University of Delhi, Delhi	Organic Medicinal Chemistry	2003
B.Sc.	Kumaun University, Nainital	Photo Dynamic Therapy	2001

Work Experience (add row if required)

Position	Department	University/Organization	Year
Assistant Professor	Chemistry	Kumaun University	2013-Till date
Post-doctoral Fellow	Cell Stress Biology	Roswell Park Cancer Institute (RPCI)-Buffalo, USA	2008-13

Administrative Responsibilities (add row if required)

Position	Nature of responsibility	University/Organization	Year
Deputy Director, KU-IIC	Managing the activities at the innovation and incubation center Kumaun Univerty	Kumaun University	2023- Till Date
Member, Departmental Admission Committee	Dealing with admissions at PG level	Kumaun University	2020-2023
Member, B.Sc. Admission Committee	Dealing with admissions at UG level	Kumaun University	2019

Research Interests

- Medicinal Organic synthesis
- Cancer-Nanotechnology
- Photo Dynamic therapy
- Bioprospecting of Himalayan biodiversity

Publications (start from recent publications)

a) Research Papers **(add row if required)**

Authors name	Title of the paper	Vol, page no	Year
Ankita H. Tripathi, Rahul Anand, Amrita Kumari, Ramesh Rai, Poonam Gautam, **Penny Joshi**, Santosh Kumar Upadhyay	Elucidation of the Anti-inflammatory, Anti-proliferative and Epithelial-Mesenchymal Transition Inhibiting Potentials of Cichorium intybus Extract on Human Cancer Cell Line(s)	Pharmacogn. Res., 15(4):1-7	**2023**
A. Kumari, A.H. Tripathi, R. Anand, L.M. Tewari, Y. Joshi, R. Bajpai, D.K. Upreti, P. Joshi, S.K. Upadhyay	Streamlined and Cost-Effective Genomic DNA Extraction Method for Lichens, Mushrooms, and Endolichenic Fungi: Enabling DNA Barcoding and Molecular Research.	Journal of Advanced Zoology, 44 (S-5): 674-685	2023
Nidhi Negi, Garima Chand, Deepa Kholia, Rahul Anand, Santosh Kumar Upadhyay, Geeta Tewari, **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**
Nidhi Negi, Garima Chand, Rekha Gahtori, Santosh Kumar Upadhyay, **Penny Joshi**	Synthesis, Antioxidant, and Antibacterial Potential of New Curcumin-Coumarin Hybrids	Indian Journal of Heterocyclic Chemistry, 33 (02):183-189 (I.F.= 0.3)	**2023**
Rekha Gahtori, Ankita H. Tripathi, Garima Chand, Amit Pande, **Penny Joshi**, Ramesh Chandra Rai, Santosh K. Upadhyay	Phytochemical Screening of Nyctanthes arbor-tristis Plant Extracts and Their Antioxidant and Antibacterial Activity Analysis	*Applied Biochemistry and Biotechnology* 196: 436–456 (I.F.= 3.09)	**2023**
Ankita H. Tripathi, Amrita Kumari, Garima Chand, Rishendra Kumar, Anjala Durgapal, Lakshna Mahajan, **Penny Joshi** ,Santosh Kumar Upadhyay	An overview of phytomedicinal, ethnobotanical applications and phytochemical constituents of four major Agave species: *Agave americana, Agave sisalana, Agave cantala,* and *Agave tequilana*	Indian Journal of Natural Products & Resources (IJNPR) 14(2) https://doi.org/10.56042/ijnpr.v14i2.4199 (I.F.= 0.5)	**2023**
Rekha Gahtori, Ankita H. Tripathi, Amrita Kumari, Nidhi Negi, Ashutosh Paliwal, Prabhanshu Tripathi, **Penny Joshi**, Ramesh C. Rai, Santosh K. Upadhyay	Anticancer plant-derivatives: deciphering their oncopreventive and therapeutic potential in molecular terms	Future Journal of Pharmaceutical Sciences, 9:14 (ISSN: 2314-7253; DOI: 10.1186/s43094-023-00465-5)	**2023**
Erin C. Tracy, **Penny Joshi**, Mykhaylo Dukh, Farukh A. Durrani, Ravindra K. Pandey, and Heinz Baumann	Galactosyl, alkyl, and acidic groups modify uptake and subcellular deposition of pyropheophorbide-a by epithelial tumor cells and determine photosensitizing efficacy	Journal of Porphyrins and Phthalocyanines, 1164-1176 (I.F.=1.914)27,	**2023**
Mykhaylo Dukh, Joseph Cacaccio , Farukh A Durrani , Ishaan Kumar , Ramona Watson , Walter A Tabaczynski , **Penny Joshi** , Joseph R Missert , Heinz Baumann , Ravindra K Pandey	Impact of mono- and di-β-galactose moieties in in vitro / in vivo anticancer efficacy of pyropheophorbide-carbohydrate conjugates by photodynamic therapy	*European Journal of Medicinal Chemistry Reports, 5, p.100047. (I.F.=7.088)*	**2022**

Rekha Gahtori, Ashutosh Paliwal, Garima Chand, Rahul Anand, Rajesh Bajpai, Dalip Kumar Upreti, **Penny Joshi**, Lalit M. Tewari, Yogesh Joshi, Santosh K. Upadhyay	Lichens biodiversity in Uttarakhand and significance of precise species identification for promoting lichen conservation and trade	Journal of Biodiversity and Environmental Sciences, Vol. 21 (4):118-139	**2022**
Kamlesh Kumar, **Penny Joshi**, Diwan S Rawat	(±)-Camphor sulfonic acid assisted IBX based oxidation of 1° and 2° alcohols	Tetrahedron letters, 81, p.153298.(I.F.=2.03)	**2021**
Ankita H. Tripathi, Nidhi Negi, Rekha Gahtori, Amrita Kumari, **Penny Joshi**, Lalit M. Tewari, Yogesh Joshi, Rajesh Bajpai, Dalip K. Upreti and Santosh K. Upadhyay*	A Review of Anti-Cancer and Related Properties of Lichen-Extracts and Metabolites	Anti-Cancer Agents in Medicinal Chemistry 22(1):115-142. (doi: 10.2174/1871520621666210322094647) (I.F.=2.53)	**2021**
Kamlesh Kumar, Prashant Kumar , **Penny Joshi** , Diwan S Rawat	IBX mediated oxidation of alcohols to aldehydes and ketones under mild reaction conditions	Tetrahedron Letters; 61, 151749, (I.F.= 2.03)	**2020**
Neha Karki, Himani Tiwari, Mintu Pal, Alok Chaurasia, Rajaram Bal, **Penny Joshi**, Nanda Gopal Sahoo	Functionalized graphene oxides for drug loading, release and delivery of poorly water soluble anticancer drug: A comparative study	Colloids and Surfaces. B, Biointerfaces; 169, 265-272. (I.F.= 4.0)	**2018**
Ashutosh Paliwal, Rekha Gahtori, Amrita Kumari, Nidhi Negi, Garima Chand, **Penny Joshi**, Lalit M. Tewari,Yogesh Joshi, Santosh. K. Upadhyay	Applications and roles of Lichens in the conservation of Himalayan environment	ENVIS Bulletin Himalayan Ecology 26:47-52.	**2018**
Courtney Saenz, Ravindra R Cheruku, Tymish Y Ohulchanskyy, **Penny Joshi**, Walter A Tabaczynski, Joseph R Missert, Yihui Chen, Paula Pera, Erin Tracy, Aimee Marko, Daniel Rohrbach, Ulas Sunar, Heinz Baumann, Ravindra K Pandey	Structural and Epimeric Isomers of HPPH [3-Devinyl 3-{1-(1-hexyloxy) ethyl}pyropheophorbide-a]: Effects on Uptake and Photodynamic Therapy of Cancer	ACS Chemical Biology; 12(4), 933-946. (I.F.= 4.3)	**2017**
Mykhaylo Dukh, **Penny Joshi**, Kei Ohkubo, Walter Tabaczynski, Nayan J. Patel, Joseph R. Missert, Steve Zador, Shunichi Fukuzumi , Ravindra K. Pandey	Impact of peripheral substituents in regioselective synthesis of position-10 or position-20 bromo-bacteriochlorins	Tetrahedron Letters; 58, 851–854. (I.F.= 2.03)	**2017**
Nayan Patel, Paula Pera, **Penny Joshi**, Mykhaylo Dukh, Walter A. Tabaczynski, Kevin E. Siters, Mark Kryman, Ravindra R. Cheruku, Farukh Durrani, Joseph R. Missert, Ramona Watson, Tymish Y. Ohulchanskyy, Erin C. Tracy, Heinz Baumann, Ravindra K. Pandey	Highly Effective Dual-Function Near-Infrared (NIR) Photosensitizer for Fluorescence Imaging and Photodynamic Therapy (PDT) of Cancer	*Journal of Medicinal Chemistry;* 59(21), 9774-9787. (I.F.=6.0)	**2016**
Nadine S. James, **Penny Joshi**, Tymish Y. Ohulchanskyy, Yihui Chen,	Photosensitizer (PS)-Cyanine Dye (CD) Conjugates: Impact of the Linkers Joining the PS and CD	European Journal of Medicinal Chemistry; 122, 770-785. (I.F.= 4.8)	**2016**

Walter Tabaczynski, Farukh Durrani, Masayuki Shibata, Ravindra K. Pandey	Moieties and Their Orientation in Tumor-Uptake and Photodynamic Therapy (PDT)		
Nayan J. Patel, Yihui Chen, **Penny Joshi**, Paula Pera, Heinz Baumann, Joseph R. Missert, Kei Ohkubo, Shunichi Fukuzumi, Roger R. Nani, Martin J. Schnermann, Ping Chen, Jialiang Zhu, Karl M. Kadish, Ravindra K. Pandey	Effect of Metalation on Porphyrin-Based Bifunctional Agents in Tumor Imaging and Photodynamic Therapy	Bioconjugation Chemistry; 16, 27(3), 667-80. (I.F.= 4.3)	**2016**
Ankita H. Tripathi, Rekha Gahtori,Nidhi Negi, Asutosh Paliwal, **Penny Joshi**, Santosh. K. Upadhyay	Epithelial-Mesenchymal Transition (EMT), Cancer Progression and Role of Aromatase	J Chem Eng Chem Res. 3(11): 1067-1074; (Print ISSN: 2333-9195, Online ISSN: 2333-9209).	**2016**
Nayan J. Patel, Ethirajan Manivannan, **Penny Joshi**,Tymish J. Ohulchanskyy, Roger R. Nani,Martin J. Schnermann, Ravindra K. Pandey	Impact of Substituents in Tumor Uptake and Fluorescence Imaging Ability of Near-Infrared Cyanine-like Dyes	Photochemistry and Photobiology; 91, 1219. (I.F.= 2.3)	**2015**
Avinash Srivatsan, Paula Pera, **Penny Joshi**, Yanfang Wang, Joseph R. Missert, Erin C. Tracy, Walter A. Tabaczynski, Rutao Yao, Munawwar Sajjad, Heinz Baumann, Ravindra K. Pandey	Effect of chirality on cellular uptake, imaging and photodynamic therapy of photosensitizers derived from chlorophyll-a.	Bioorganic & Medicinal Chemistry; 23, 3603-17. (I.F.= 2.8)	**2015**
Penny Joshi, Diwan S. Rawat	Theophylline- Triazole-Coumarin Based Molecular hybrids	*Indian Journal of heterocyclic chemistry;* 24(4), 411-418.	**2015**
Anurag Gupta, Shouyan Wang, Aimee Marko, **Penny Joshi**, Manivannan Ethirajan, Yihui Chen, Rutao Yao, Munawwar Sajjad,Raoul Kopelman, Ravindra K. Pandey	Polyacrylamide-Based Biocompatible Nanoplatform Enhances the Tumor Uptake, PET/fluorescence Imaging and Anticancer Activity of a Chlorophyll Analog	Theranostics; 4, 614. (I.F.= 8.0)	**2014**
Penny Joshi, Mohit Tripathi, Diwan S. Rawat	Synthesis and characterization of novel 1,2,3-triazole-linked theophylline and coumarin s-triazines	Indian Journal of Chemistry Section B ; 54B 311	**2014**
Nadine S. James, Yihui Chen, **Penny Joshi**, Tymish Y. Ohulchanskyy, Manivannan Ethirajan, Maged Henary, Lucjan Strekowsk, and Ravindra K Pandey	Evaluation of Polymethine Dyes as Potential Probes for Near Infrared Fluorescence Imaging of Tumors: Part - 1	Theranostics; 3(9), 692-702. (I.F.= 8.0)	**2013**
Nadine S. James, Tymish Y. Ohulchanskyy, Yihui Chen, **Penny Joshi**, Xiang Zheng, Lalit N. Goswami, Ravindra K. Pandey	Comparative Tumor Imaging and PDT Efficacy of HPPH Conjugated in the Mono- and Di-Forms to Various Polymethine Cyanine Dyes: Part - 2	Theranostics; 3, 703. (I.F.= 8.0)	**2013**
Mukul Sharma, **Penny Joshi**, Nitin Kumar, Seema Joshi, Rajesh K Rohilla, Nilanjan Roy, Diwan S Rawat	Synthesis, antimicrobial activity and structure-activity relationship study of N,N-dibenzyl-cyclohexane-1,2-diamine derivatives	European journal of medicinal chemistry; 46, 480. (I.F.= 4.8)	**2011**
Manivannan Ethirajan, **Penny Joshi**, White H.	Remarkable Regioselective Position-10 Bromination of	Organic letters; 13, 1956. (I.F.= 6.7)	**2011**

William 3rd, Kei Ohkubo, Shunichi Fukuzumi, Ravindra K. Pandey	Bacteriopyropheophorbide-a and Ring-B Reduced Pyropheophorbide-a		
Avinash Srivatsan, Yanfang Wang, **Penny Joshi**, Munawwar Sajjad, Yihui Chen, Chao Liu, Krishnakumar Thankppan, Joseph R Missert, Erin Tracy, Janet Morgan, Nestor Rigual, Heinz Baumann, Ravindra K Pandey	In vitro cellular uptake and dimerization of signal transducer and activator of transcription-3 (STAT3) identify the photosensitizing and imaging-potential of isomeric photosensitizers derived from chlorophyll-a and bacteriochlorophyll-a	Journal of medicinal chemistry; 54, 6859. (I.F.=6.0)	**2011**
Penny Joshi, Manivannan Ethirajan, Lalit N Goswami, Avinash Srivatsan, Joseph R Missert, Ravindra K Pandey	Synthesis, spectroscopic, and in vitro photosensitizing efficacy of ketobacteriochlorins derived from ring-B and ring-D reduced chlorins via pinacol-pinacolone rearrangement	The Journal of organic chemistry; 76, 8629. (I.F.=4.7)	**2011**
Manivannan Ethirajan , Yihui Chen , **Penny Joshi**, Ravindra K. Pandey	The role of porphyrin chemistry in tumor imaging and photodynamic therapy	Chemical Society Reviews; 40, 240. (I.F.=40.3)	**2011**
Ram Singh, Mukul Sharma, **Penny Joshi**, Diwan S Rawat	Clinical status of anti-cancer agents derived from marine sources	Anti-Cancer Agents in Medicinal Chemistry; 8, 603. (I.F.=2.5)	**2008**
Diwan S Rawat, Mukesh C Joshi, **Penny Joshi**, Himanshu Atheaya	Marine peptides and related compounds in clinical trial	Anti-Cancer Agents in Medicinal Chemistry; 8, 603. (I.F.=2.5)	**2006**
Mukesh C Joshi, Penny Joshi, Diwan S. Rawat	Microwave assisted synthesis of symmetrically and asymmetrically substituted acyclic enediynes	Arkivoc; 16, 65. (I.F.=1.2)	**2006**

b) Patents (start from recent publications)

Authors name	**Title of the patent**	**Patent no (Granted or filed)**	**Year**
Ravindra K Pandey, Anurag Gupta, **Penny Joshi**, Manivannan Ethirajan, Avinash Srivatsan,	PAA nanoparticles for tumor treatment and imaging	US 9045488, 2015/6/2,US	**2015**
Ravindra K Pandey,Heinz Baumann,Yihui Chen, **Penny Joshi**, Nayan Patel,	Metallation enhancements in tumor-imaging and PDT therapy	US 8609837, 2013/12/17,US	**2013**

c) Books (start from recent publications)

Authors name	**Title of the book**	**Publisher**	**ISBN**	**Year**
Prof. Geeta Tewari, **Dr. Penny Joshi**, Prof. Lalit M. Tewari	Modern Trends in Medicinal and Aromatic Plants. Indu Book Services Pvt. Ltd.	Indu Book Services Pvt. Ltd.	978-93-91377-78-6.	**2023**
Prof. Geeta Tewari, Dr. Deepika Pant **Dr. Penny Joshi**, Prof. Lalit M. Tewari Dr. Santosh K. Upadhyay	Sustainable Utilization and Conservation of Biological Wealth	Indu Book Services Pvt. Ltd.	978-93-91377-88-5	**2024**

d) Book chapters (start from recent publications)

Authors name	Title of the book chapter	Publisher	ISBN	Year
Deepa Kholia, Garima Chand, Rini Joshi, Santosh Kumar Upadhyay, **Penny Joshi**	Lichen Mediated Fabrication of Nanoparticles and Their Biological Potential	Indu Book Services Pvt. Ltd.	978-93-91377-88-5	**2023**
Amrita Kumari, Himani Joshi, Ankita H. Tripathi, Garima Chand, **Penny Joshi**, Lalit M. Tewari, Yogesh Joshi, Dalip K. Upreti, Rajesh Bajpai, Santosh K. Upadhyay	Assessment of In-Vitro Culture as a Sustainable and Eco-friendly Approach of Propagating Lichens and Their Constituent Organisms for Bioprospecting Applications	Wiley-VCH	978-3-527-35077-3	**2023**
Ankita H. Tripathi , Somya Mehrotra , Amrita Kumari , Rajesh Bajpai , Yogesh Joshi , **Penny Joshi** , Lalit M. Tewari , Ramesh C. Rai, Santosh K. Upadhyay	Lichens as bioremediation agents—A review	Academic Press	978-0-323-91860-2	**2022**
Amrita Kumari, Sparsh Phutela, Garima Chand, **Penny Joshi**, Mudit Vaid Ramesh C. Rai, Santosh K. Upadhyay	Autophagy in Infection mediated Cancers	Academic Press	978-0-323-99879-6	**2022**
Garima Chand, Deepa Kholia, Kamlesh Kumar, Rishendra Kumar, Santosh K. Upadhyay, **Penny Joshi**	The Role of Microorganisms in Bioremediation	Nova Science Publications	978-1-68507-394-7	**2022**
Ankita H. Tripathi, Ankita Bhatt, Amrita Kumari, Himani Tewari, Garima Chand, Rishendra Kumar, **Penny Joshi**, Santosh K. Upadhyay	Improving the tumor avidity of photosensitizers used in photodynamic therapy (PDT)	Genome Biotech Publication	978-81-929995-9-3	**2021**
Ashutosh Paliwal, Rekha Gahtori, Amrita Kumari, Ankita H. Tripathi, Himani Tewari, Ramesh C. Rai, Yogesh C. Joshi, Lalit M. Tewari, **Penny Joshi**, Santosh K. Upadhyay	A survey of studies on ethnic use and medicinal potential of Himalayan lichen	Nova Science Publications	978-1-53618-140-1	**2020**
Nidhi Negi, Garima Chand, Deepa Kholia, Rekha Gahtori, Santosh K. Upadhyay, Rahul Anand, **Penny Joshi**	Curcumin nanoparticles in Cancer therapeutics	Nova Science Publications	978-1-53618-140-1	**2020**
Santosh K. Upadhyay, Ramesh C. Rai, Rekha Gehtori, Ashutosh Paliwal, Poonam Gautam, **Penny Joshi**	Drug Resistance in Cancer	Springer,USA	978-3-319-48682-6	**2017**
Aimee Marko, Nayan J Patel, **Penny Joshi**, Joseph R Missert and Ravindra K Pandey	Multifunctional Agents for Cancer-Imaging and Photodynamic Therapy: Impact of Polyacrylamide-Based Nanoplatforms	World Scientific	978-981-4719-65-0	**2016**
Penny Joshi, Ravindra K. Pandey	Synthesis and Biological Significance of Porphyrin-Based Photosensitizers in Photodynamic Therapy	CRC Press	978-0-429-13922-2	**2016**
Penny Joshi, Courtney Saenz, Joseph R. Missert, Ravindra K. Pandey	Recent Advances in Developing Improved Agents for Photodynamic Therapy	CRC Press	978-0-429-19384-2	**2013**

Projects

Title of the project	Funding agency	Amount (Rs)	Year
To elucidate the potential of small molecule inhibitors (SMIs) in curbing 'epithelial-mesenchymal transition (EMT)' and drug-resistance in lung adenocarcinoma cell-lines	CM's Higher Edu. Research Promotion Scheme	13.32 Lacs	2024-26
DNA-barcoding and bioactivity assessment of Endolichenic fungi isolated from Himalayan lichens: *Parmotrema sp.* and *Usnea sp.*	Kumaun Univ Int. Funds for Research (KUIFR)	2.00 Lacs	2024-25
Synthesis of some biologically important heterocyclic compounds	Kumaun Univ Int. Funds for Research (KUIFR)	2.00 Lacs	2024-25
Elucidation of anti-inflammatory and epithelial-mesenchymal transition (EMT)-inhibiting potential of traditionally edible medicinal lichens from Kumaun Himalaya (PI).	SERB (DST)	29.49 Lacs	2021-24
DNA-barcoding of ethno- medicinal and high-value plants of Uttarakhand Himalaya and assessment of anti-inflammatory nutraceutical potential of selected phyto-extracts	DIBER (DRDO)	9.97 Lacs	2020-21
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	National Mission on Himalayan Studies (NMHS), Ministry of Environment, Forest & Climate Change (MoEF&CC)	60.66 Lacs	2018-2021
Developing a pharmacogenomic screen for comprehensive assessment of anticancer activities of phytochemicals from Uttarakhand flora	Kumaun Univ. (UGC) - Minor Res. Project under 'Innovative Res. Activities Scheme'	1.00 Lacs	2016-2017
Design and Synthesis of novel curcumin-coumarin analogs as anticancer agents	UGC New Delhi	6.00 Lacs	2015-2017
Worked for drafting proposal for 'Establishing Cancer Biology program at Kumaun University'.	Rashtriya Uchatar Sikshya Abhiyan (RUSA)	2.27 Cr (Granted to Kumaun University)	2015 onwards

Teaching details

Name of the course/paper	Department	University	Year
B.Sc.	Chemistry	Kumaun University	Since 2013
M.Sc. (Organic Chemistry)	Chemistry	Kumaun University	Since 2013

Professional Memberships

Organization	Position	Year
Society of Biological Chemists (SBCI)	Life Time Member	NA
Indian Science Congress Association (ISCA)	Life member	NA
Association for Indian Cryptogams (AIC)	Founder Member	2024

Honours and Awards

Award	Awarding Organization	Year
Post-Doctoral Research Fellowships	National Institute of Health (NIH)- -USA @ Roswell Park Cancer Institute-Buffalo (NY).	2008-13
Awards/recognition to research scholars/Lab-members:		
Young Scientist Award to Ph.D. Scholar Ms. Garima Chand	National Conf. & Workshop on Food Tech. & Nutrition: Enhancing flavour, health, and well-being through culinary practices: Community College, Kumaun Univ. Campus, Bhimtal (25 Feb 2024)	2024
Young Scientist Award to Ph.D. Scholar Ms. Garima Chand	Uttarakhand Council of Sci. and Tech. (22-24 June 2022)	2022
Dissertation Trainee Mr. Prajesh Tamang received Young Scientist Award (1st Position)	International workshop-cum-conference (online) on Lichen Research (K.U. Campus, Bhimtal; July 2021).	2021
Project Assistant Ms. Himani Tewari received Young Scientist Award (2nd Position)	International workshop-cum-conference (online) on Lichen Research (K.U. Campus, Bhimtal; July 2021).	2021
Ph.D. Scholar Ms. Ankita Tripathi Secured second position in oral presentation	National Conference on 'Current Status and Opportunities in Medicinal Plant Research and Natural Product Research'; Organized by DSB Campus, K.U. Nainital (March 2021)	2021
Ph.D. Scholar Ms. Ankita Tripathi received Young Scientist Award	International conference, ICEFN & SEM-2019, Organized by Nanoscience and Nanotechnology Centre, Kumaun University Nainital (April 2019).	2019
Ph.D. Scholar Ms. Rekha Gahtori received ICMR-SRF	ICMR, GOI	2019
Ph.D. Scholar Ms. Rekha Gahtori received Young Scientist Award	Annual meeting of Uttarakhand Council of Sci. and Tech. (March 2018)	2018
Ph.D. Scholar Ms. Nidhi Negi received Young Scientist Award	Annual meeting of Uttarakhand Council of Science and Technology (March 2018)	2018
Ms. Ankita Tripathi received DST-INSPIRE fellowship	DST, GOI	2017

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Exploring the Pharmacokinetics, Druglikeness, Antifungal and Antioxidant Potential: Synthesis and Characterization of Novel Alkyne-Azide Hybrids of 4,7-Dichloroquinoline	3rd International Conference on Integrated Chemistry, Biology and Translational Medicine (ICBTM 2024).	Kumaun University	**2024**
Design, Synthesis, In-Silico ADME Prediction and Anticancer Screening of Novel 6-Substituted Sulphocoumarin Triazoles	3rd International Conference on Integrated Chemistry, Biology and Translational Medicine (ICBTM 2024).	Kumaun University	**2024**
Elucidation of Anti-oxidant, Anti-Proliferative, Anti-Inflammatory and EMT-Inhibiting potential of edible Lichen Parmotrema Reticulatum collected from Kumaun Himalaya	National Conference and Workshop on Food Technology and Nutrition: Enhancing Flavour,Health an Well Being Through	Kumaun University	**2024**

	Culinary Practices (2024).		
Exploring a Novel Fusion of 4,7-Dichloroquinoline and 6-Aminobenzo[e][1,2]oxathiine 2,2-dioxide: Synthesis, Docking, and Pharmacokinetics Studies.	National Conference and Workshop on Food Technology and Nutrition: Enhancing Flavour,Health an Well Being Through Culinary Practices (2024).	Kumaun University	**2024**
Synthesis, Docking, and Drug Design Studies of a Novel 4,7-Dichloroquinoline-Sulphocoumarin Hybrid	1st International Conference on Recent Trends in Chemical Sciences and Sustainable Development (RTCSSE-2023).	Kumaun University	**2023**
Biological potential of synthesized Novel Alkyne-Azide Hybrid of 4,7-Dichloroquinoline via Click Chemistry.	National symposium on Fisheries and Aquaculture for livelihood and nutritional security ICAR-DCFR and CFSI, Bhimtal.	Kumaun University	**2022**
Elucidation of Pharmaceutical Potential of Ramalina Conduplicans Methanolic Extract from Kumaun Himalaya	National symposium on Fisheries and Aquaculture for livelihood and nutritional security ICAR-DCFR and CFSI, Bhimtal.	Kumaun University	**2022**
Synthesis of Novel Sulfocoumarin-Triazole Hybrids using Huisgens 1,3 Dipolar Addition and their Biological Evaluation	National symposium on Fisheries and Aquaculture for livelihood and nutritional security ICAR-DCFR and CFSI, Bhimtal	Kumaun University	**2022**
Synthesis of Novel triazole - sulphocoumarin hybrids and their scope as therapeutic agents	15th & 16th Uttarakhand State Science and Technology Congress 2020-2022 (UCOST), Graphic Era University, Dehradun	Kumaun University	**2022**
Synthesis, Characterisation and Biological Evaluation of Novel 4,7 – Dichloroquinoline Analogues	15th & 16th Uttarakhand State Science and Technology Congress 2020-2022 (UCOST), Graphic Era University, Dehradun	Kumaun University	**2022**
Studies on Lichen Biodiversity in Uttarakhand	National Conference SUTBC	Kumaun University	**2019**
A survey of studies on phytomedicinal potential of lichens	National Conference SUTBC	Kumaun University	**2019**
Design and Synthesis of Novel Curcumin Analogue Hybrids and Evaluation of their Biological Activity	2nd international conference on Energy, Functional Materials, Nanotechnology and Sustainable Environment Management (ICEFN&SEM -2019).	Kumaun University	**2019**
A survey of studies on ethnic uses and medicinal potential of Himalayan lichens	2nd international conference on Energy, Functional Materials, Nanotechnology and Sustainable Environment Management (ICEFN&SEM -2019).	Kumaun University	**2019**

An Overview of the Bioactive Secondary Metabolites of Lichens.	2nd international conference on Energy, Functional Materials, Nanotechnology and Sustainable Environment Management (ICEFN&SEM -2019).	Kumaun University	**2019**
Synthesis and Biological Activity of Structurally Improved and Stable Curcmin-Coumarin Analogues	2nd international conference on Energy, Functional Materials, Nanotechnology and Sustainable Environment Management (ICEFN&SEM -2019).	Kumaun University	**2019**
Design, Synthesis and Characterisation of Isomers of Curcumin-Coumarin Hybrids and Comparison of their Antioxidant Potential	14th Uttarakhand state science and technology congress (USSTC) 2019-20 ORGANISED BY UCOST DEHRADUN.	Kumaun University	**2019**
Promoting the Lichen trade and conservation in Uttarakhand through facilitating precise species identification	International Conference ACMAP-2019	Kumaun University	**2019**
"Molecular systematic identification and anti-bacterial activities of *Nyctanthes* and *Perilla* plant-extracts isolated from Kumaun region of Uttarakhand	12th Uttarakhand state council for science & Technology (UCOST), Dehradun.	Kumaun University	**2018**
Synthesis and Characterisation of Novel Sulphocoumarin Analouges and their Biological Evaluation	12th Uttarakhand state council for science & Technology (UCOST), Dehradun.	Kumaun University	**2018**
Synthesis and Characterisation of Monocarbonyl Curcumin-Coumarin Triazole Analogues and Evaluation of their Biological Activity	12th Uttarakhand state council for science & Technology (UCOST), Dehradun.	Kumaun University	**2018**
Molecular identification by DNA barcoding and assessment of the anti-oxidative and anti-bacterial activities of *Nyctanthes arbo-tristis*	4th India International Science festival (IISF), Lucknow.	Kumaun University	**2018**

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Signature of the faculty member