

Kumaun University, Nainital
Curriculum Vitae

Name : Prof. Anita Singh
Designation : Professor & Head
Department : Pharmaceutical Sciences

Contact Information

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ORCIDID :

Scopus ID : dranitaku@gmail.com

Vidwan ID :

Educational Qualification

Degree	University	Subjects	Year
PhD	Kumaun University, Nainital	Pharmacy	
M. Pharm	Banaras Hindu University, Varanasi	Pharmaceutical Chemistry	
B. Pharm	Banaras Hindu University, Varanasi	Pharmacology Pharmaceutics Medicinal Chemistry Pharmacognosy Pharmaceutical Analysis Pharmaceutical Jurisprudence Biotechnology	

Work Experience

Position	Department	University/Organization	Year
Professor	Pharmaceutical Science	Department of Pharmaceutical Sciences Sir J. C. Bose Technical Campus, Bhimtal, Kumaun University, Nainital.	2023 till now
Associate Professor	Pharmaceutical Science	Department of Pharmaceutical Sciences Sir J. C. Bose Technical Campus, Bhimtal, Kumaun University, Nainital	
Principal	Pharmaceutical Science	College of Pharmacy, Devsthali Vidyapeeth, Rudrapur	From Sep 2008- Aug2011 and June 2012- Aug2012

Administrative Responsibilities:

Position	Nature of responsibility	University/Organization	Year
Head		Department of Pharmaceutical Sciences Bhimtal, Kumaun University, Nainital	March 2022 to till date
Principal		College of Pharmacy, Devsthali Vidyapeeth, Rudrapur	From Sep 2008-Aug2011&June 2012-Aug2012
Member		Institutional Animal Ethics Committee (IAEC), Department of pharmaceutical sciences, Bhimtal campus, Kumaun University, Nainital	July 2022 to till date
Main Nominee		Institutional Animal Ethics Committee (IAEC), Department of Pharmacy, Devsthali Vidyapeeth, Rudrapur	August 2022 to till date
Member		Academic Council, Kumaun University, Nainital	May 2019 to May 2022
Member		Executive Council, Kumaun University, Nainital	September 2015-september 2016
Member		Research Development Committee, Uttarakhand Technical University, Dehradun	2014 to till date
Member		The Indian Pharmaceutical Association Uttarakhand State IPA Branch	2014 to till date
In charge		Laboratory Facilities & CIF, Department of Pharmaceutical Sciences, Kumaun University, Bhimtal	2014 till date
Member		Institutional Animal Ethics Committee (IAEC), Department of Pharmacy, Devsthali Vidyapeeth, Rudrapur	March 2013 to 2021
Executive Member		Advisory Committee of CPE Program, Uttarakhand Pharmacy Council, Dehradun	2013
Member		APTI Uttarakhand State Branch	2013 to till date

Member		Advisory Board, Devsthali Vidyapeeth, Rudrapur	2012 to till date
Member		Board of Studies, Dehradun Institute of Technology (An autonomous Institute under Uttarakhand Technical University, Dehradun)	2012 to till date
Member		Purchase Committee, Department of Pharmaceutical Sciences, Kumaun University, Bhimtal	2012 till date

Research Interests

1. Pharmaceutical Chemistry
2. Synthetic Chemistry

Publications

a) Research Papers

Authors name	Title of the paper	Journal, vol, page no	Year
Anita Singh, Priyanka Bhatt, Namita Joshi, Indu Tewari	An <i>In-silico</i> approach for designing potential antagonistic molecules targeting cyclin-dependent kinase having therapeutic significance in cancer.	International journal of pharmaceutical sciences and research. Vol 14, August 2023, pp 3905-3912.	2023
Anita Singh, Manoj Bhardwaj, S.P.S. Mehta	In-Vitro Antioxidant Evaluation of Diosmin Loaded Phytosome by DPPH Assay (2,2-Diphenyl-1-Picrylhydrazyl Assay).	European Chemical Bulletin. Vol 12, June 2023, pp 660-666.	2023
Anita Singh, Manoj Bhardwaj, S.P.S. Mehta.	In-Vivo Evaluation of Hepatoprotective Pharmacological Activity of Diosmin Loaded Phytosome.	A Journal for New Zealand Herpetology. Vol 12, May 2023, pp 4135-4143.	2023
Anil Kumar, Sahdev, Chaitany Jaiprakash, Raorane, Divya Shastri, Vinit Raj, Anita	Update on modified chitosan frameworks and their applications for food, wastewater, toxic heavy metals, dyes treatment, and cancer drug delivery.	Journal of Environmental Chemical Engineering, Vol 10, September 2022, pp.1-22.	2022

Singh, Seongcheoll Kim			
Varsha Tiwari, Abhishek Tiwari, Anita Singh , Navneet Verma, Manish Kumar, Ajay Sharma.	Elucidation of possible mechanisms of antidiabetic potential of Zn-loaded <i>Bryophyllumpinnatum</i> (Lam.) extracts in experimental animal models.	Future journal of pharmaceutical sciences. 2022, vol 8(42), pp 2-19.	2022
Abhishek Tiwari, Varsha Tiwari, Navneet Verma, Anita Singh , Manish Kumar, Vipin Saini, Biswa Mohan Sahoo, Deepak Kaushik, Ravinder Verma, Suresh Sagadevan.	Molecular docking studies on the phytoconstituents as therapeutic leads against SARS-CoV-2	Polimery , 2022, pp 346-365.	2022
Pinki, Satendra Kumar, Anita Singh	Potential activity of synthetic thiazolidinedione as antidiabetic agents.	International Journal of Pharmacy and Biological Sciences. 2022,12(4), pp 75-81.	2022
Dheeraj Bisht, Anita Singh , Ashok Sharma, Versha Parcha	Synthesis and antihistaminic potential of some novel substituted dinitrophenothiazine derivatives	Journal of Reports in Pharmaceutical Sciences. June 2022, pp 132-140.	2022
Arun Kumar Singh and Anita Singh	Enhanced Therapeutic Potential of Boldine – Phospholipid Complex in Carbon Tetrachloride Induced Hepatotoxicity in Rats	Annals of R.S.C.B. , ISSN:1583-6258, Vol. 25, Issue 5, 2021, Pages. 3206 – 3212.	2021
Arun Kumar Singh and Anita Singh	Preparation, Characterization and in vitro Antioxidant Potential of Boldine– Phospholipid Complex	Current Drug Therapy. 2020. ISSN: 2212-3903 (Online) ISSN: 1574-8855 (Print).	2020

Neeraj kumar, Anita Singh , D.K. Sharma and Kamal Kishor	Wound healing activity of methanolic extract of <i>Arenibiabenthamii</i>	International Journal of Pharmaceutical Sciences and Research. 2020; 11(1): pp 328-333.	2020
Swati, H.K. Pandey, Anita Singh , Meena, M. Bala	Chemical composition and in-vitro antioxidant activity of <i>Angelica glauca</i> collected from Western Himalayan Region	International Journal of Pharmaceutical Research. Jan - Jun 2020; Supplementary Issue 1:pp 2720-2725.	2020
Swati, H.K. Pandey, Anita Singh	Chemical Composition and <i>In-vitro</i> Antioxidant Activity of <i>Pleurospermumangelicoides</i> Collected from Western Himalayan Region	Journal of Essential Oil-Bearing Plants. 2020; 23 (4): pp 843-848.	2020
Swati, Anita Singh , Harsahay Meena	In-vitro antioxidant and in-vivo hepatoprotective activity of <i>Ganoderma lucidium</i> strains darl-4 & ms-1 against paracetamol induced hepatotoxicity	International Journal of Pharmaceutical Sciences and Research. 2020; 11(4): pp 1610-1616.	2020
Neeraj Kumar, Anita Singh , D.K. Sharma, Kamal Kishore	Investigation on wound healing potential of Anaphalistriplinervis 9Sims) Sims ex C.B. Clarke	Asian Journal of Pharmacy and Pharmacology, 2019; 5(1), pp-53-57	2019

b) Patents

Authors name	Title of the patent	Patent no (Granted or filed)	Year
Anita Singh , Anil Kumar Sahdev, Priya Gupta, Chandrakanta, Kanika Manral, Preeti Rana, Gurudayal Yadav, Hemant Kumar Saroj, Shiwani Sharma, Rajnish Pandey.	Probe Sonicator for Developing Nano Formulation of Cancer.	Indian Patent, filed 14 february 2024, Application no. 407521-001.	2024

c) Books

Title of the book	Publisher	ISBN	Year
A text book of pharmacy law and ethics	Mackhingee publisher		2023

Pharmaceutical Jurisprudence	Nirali Prakashan		2019
A laboratory Manual of Organic Chemistry –II	Nirali Prakashan		2017
Herbal Cosmeceuticals: An Emerging Anti-Aging Potential	Lambert Academic publishing		2016

d) Book chapters

Title of the book	Publisher	ISBN	Year
Natural products	Nova publishers		2023
Nanotechnology for drug delivery and pharmaceuticals	Elsevier		2023
Antioxidants effects in health	Elsevier		2022
Naturally Occurring Chemicals against Alzheimer's Disease	Editors: Tarun Belwal Seyed Nabavi Seyed Nabavi Ahmad Dehpour Samira Shirooie Publisher: Academic Press		2020
Nanomedicine for the treatment of Disease	Editors: Sarwar Beg, Mahfoozur Rahman, Md. Abdul Narkat, Farhan Jalees Ahmad Publisher: Apple Academic Press		2019
Food Safety & human Health	Editor: Ram Lakhan Singh, Sukanta Mondal		2019

	Publisher: Academic Press		
Nanotechnology-Based Targeted Drug Delivery System for Brain Tumours,	Editor: Prashant Kesharvani, Umesh Gupta Publisher: Academic Press		2018
Traditional & Folk Herbal Medicines	Editor: V.K. Gupta, Publisher: Daya Publishing House, New Delhi		2014

e) Conference Publications/Proceedings

Authors name	Title of the paper	Conference name	Year

Projects

Title of the project	Funding agency	Amount (Rs)	Year

Teaching details

Name of the course/paper	Department	University	Year
B. Pharm M. Pharm, PhD	Pharmaceutical Sciences, Bhimtal	Kumaun University, Nainital	

Professional Memberships

Organization	Position	Year
Uttarakhand State Pharmacy Council	Registered Pharmacist	
Institutional Animal Ethics Committee (IAEC), Department of pharmaceutical sciences, Bhimtal campus, Kumaun University, Nainital	Member	July 2022 to till date
Institutional Animal Ethics Committee (IAEC), Department of Pharmacy,	Main Nominee	August 2022 to till date

Devsthali Vidyapeeth, Rudrapur		
Academic Council, Kumaun University, Nainital	Member	May 2019 to May 2022
Executive Council, Kumaun University, Nainital	Member	September 2015-September 2016
Research Development Committee, Uttarakhand Technical University, Dehradun	Member	2014 to till date
The Indian Pharmaceutical Association Uttarakhand State IPA Branch	Member	2014 to till date
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Advisory Committee of CPE Program, Uttarakhand Pharmacy Council, Dehradun	Executive Member	2013
APTI Uttarakhand State Branch	Member	2013 to till date
Advisory Board, Devsthali Vidyapeeth, Rudrapur	Member	2012 to till date
Board of Studies, Dehradun Institute of Technology (An autonomous Institute under Uttarakhand Technical University, Dehradun)	Member	2012 to till date
Purchase Committee, Department of Pharmaceutical Sciences, Kumaun University, Bhimtal	Member	2012 till date

Honours and Awards

Award	Awarding Organization	Year
“DR. SNEH RANI JAIN WOMAN PHARMA PERSONALITY AWARD”.	Nirali Prakashan	2022.

PHARMA RECOGNITION AWARD	Nirali Prakashan	2019
LIFE TIME ACHIEVEMENT AWARD	DCM Edutech	2016

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Use of UVA dried phototoxicity potential of herbal NLC gel containing coenzyme Q10 & Myrica esculenta leaves extract	International Seminar On Herbal Pharmacovigilance: Current Scenario and Future Strategies	Dr. A.P.J. Abdul Kalam Technical University, Lucknow, ITS College of Pharmacy, Delhi-NCR	2018
Dedaquiline (TM 20J) a new Antitubercular drug in clinical trials	Two days National Conference on "Current Trends on Pharmaceutical Sciences	Devsthali Vidyapeeth Institute of Pharmacy, Rudrapur	2018
In-vitro antitubercular activity of 6-Aryl-Tetrahydro Pyridazine-3(2H)-one derivatives	69th IPC, Chandigarh, Indian Pharmaceutical Congress Association,	Chitkara University, Chandigarh	2017
Pharmaceutical evaluation of essential oil from leaves of Eucalyptus citridora for analgesic & anti-inflammatory activity	National Conference on Emerging Trends In Pharmaceutical And Life Sciences	Indian Pharmacy Graduate Association, Uttarakhand State Branch, IDPL, Rishikesh	2017
Diabetes: A global Challenges	RAPCS 2016	LTR Institute of Technology (Pharmacy) DCM Edutech	2016

Signature of the faculty member