

## Curriculum Vitae

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**Name** : Dr. TANUJ JOSHI  
**Designation** : Assistant Professor (Contract)  
**Department** : Department of Pharmaceutical Sciences,  
Bhimtal, Kumaun University Nainital

### Contact Information:

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- ORCID ID : <https://orcid.org/0000-0001-5665-444X>

### Educational Qualification

Degree	University	Subjects	Year
B.Pharm.	Kumaun University	Pharmaceutical Sciences Subjects	First Division (2008)
M. Pharm. (Pharmacology)	Kumaun University	Pharmacology	First Division (2010)
Ph.D.	Kumaun University	Pharmacy	2023

### Work Experience: Total Experience- 13 years 1 month

Position	Department	University/Organization	Year
Assistant Professor	Devsthali Vidyapeeth College of Pharmacy	Devsthali Vidyapeeth, Lalpur, Rudrapur (US Nagar), Uttarakhand	6-09-2010 to 27-04-2011
Assistant Professor/Teaching Personnel (Contract)	Department of Pharmaceutical Sciences	Kumaun University	29-04-2011 to 30-11-2013
Assistant Professor/Teaching Personnel (Contract)	Department of Pharmaceutical Sciences	Kumaun University	7-08-2014 to Present date-(19-06-2024)

## Administrative Responsibilities

Position	University/Organization
Co- Incharge Library	Department of Pharmaceutical Sciences, Bhimtal

## Research Interests

(My research interest is in areas of pharmacology, ethbopharmacology, medicinal plants and cellular and molecular studies)

List of some high quality papers published in SCI/SCOPUS Indexed Journals

Authors name	Title of the paper	Journal, vol, page no	Year
Jasemi, S. V., Khazaei, H., Morovati, M. R., <b>Joshi, T.</b> , Aneva, I. Y., Farzaei, M. H., & Echeverría, J.	Phytochemicals as treatment for allergic asthma: Therapeutic effects and mechanisms of action.	<b>Phytomedicine (Elsevier)</b> , 122, 155149. <b>Impact Factor: 7.9</b>	2024
Matin M, <b>Joshi T</b> , Greger M, Bin Matin F, Józwick A, Wierzbicka A, Horbańczuk JO, Willschke H and Atanasov AG	Use of #NutritionFacts to promote evidence-based nutrition information: X (formerly Twitter) hashtag analysis study	<b>Frontier's in Public Health (Frontier's media S.A.)</b> 11,1255706. <b>Impact Factor: 5.2</b>	2023
Patni, K., Pande, A.P., Jindal, M.K., <b>Joshi T</b>	Gamma radiation dose rate in high-altitude areas in the Bageshwar, Champawat and Pithoragarh districts of Uttarakhand, India.	<b>Environmental Geochemistry and Health (Springer)</b> 45, 8119–8133 <b>Impact Factor: 4.2</b>	2023
Singla, R. K., De, R., Efferth, T., Mezzetti, B., Sahab Uddin, M., Sanusi, Ntie-Kang, F., Wang, D., Schultz, F., Kharat, K. R., Devkota, H. P., Battino, M., Sur, D., Lordan, R., Patnaik, S. S., Tsagkaris, C., Sai, C. S.,	The International Natural Product Sciences Taskforce (INPST) and the power of Twitter networking exemplified through #INPST hashtag analysis	<b>Phytomedicine (Elsevier)</b> , 108, 154520. <b>Impact Factor: 7.9</b>	2023

Tripathi, S. K., Găman, M. A., Ahmed, M. E.O..... <b>Joshi,</b> <b>T.....</b> Shen, B			
Moradi, S. Z., Jalili, F., Farhadian, N., <b>Joshi, T.,</b> Wang, M., Zou, L., Cao, H., Farzaei, M. H., & Xiao, J.	Polyphenols and neurodegenerative diseases: focus on neuronal regeneration	<b>Critical reviews in food science and nutrition (Taylor and Francis), 62, 3421–3436.</b> <b>Impact Factor: 10.2</b>	2022
Patni, K., Pande, C., Pande, A.P., Tiwari G., <b>Joshi, T.</b>	Seasonal variation of uranium and physico-chemical parameters in spring water sources of Pithoragarh city, Uttarakhand, India.	<b>Journal of Radioanalytical and Nuclear Chemistry (Springer), 329, 647–660.</b> <b>Impact Factor: 1.6</b>	2021
<b>Joshi, T., &amp;</b> Juyal, V.	Evaluation of Acute Toxicity of Some Medicinal Plants and their Combination in Albino Mice	<b>Defence Life Science Journal (DRDO), 6, 166-170.</b>	2021
Asgary, S., Karimi, R., <b>Joshi, T.,</b> Kilpatrick, K. L., Moradi, S., Samimi, Z., Mohammadi, E., Farzaei, M. H., & Bishayee, A.	Effect of pomegranate juice on vascular adhesion factors: A systematic review and meta-analysis, Phytomedicine	<b>Phytomedicine (Elsevier), 80, 153359.</b> <b>Impact Factor: 7.9</b>	2021
Ghowsi, M., Qalekhani, F., Farzaei, M. H., Mahmudii, F., Yousofvand, N., & <b>Joshi, T.</b>	Inflammation, Oxidative Stress, Insulin Resistance, and Hypertension as Mediators for Adverse Effects of Obesity on the Brain: a Review	<b>BioMedicine: (China Medical University), 11, 13-22.</b>	2021
Patni, K., Pande, C., Pande, A.P., Tewari, G., <b>Joshi, T.</b>	Distribution of naturally occurring uranium and other heavy toxic elements in selected spring water samples of Pithoragarh District, Uttarakhand, India	<b>SN Applied Sciences (Springer), 2, 2129</b> <b>Impact Factor: 2.6</b>	2020.
Singh L, <b>Joshi T,</b> Tewari D, Echeverría J, Mocan A, Sah AN, Parvanov	Ethnopharmacological Applications Targeting Alcohol Abuse: Overview and Outlook	<b>Frontiers in Pharmacology (Frontier's media S.A.). 10, 1593.</b> <b>Impact Factor: 5.6</b>	2020

E, Tzvetkov NT, Ma ZF, Lee YY, Poznan' ski P, Huminiecki L, Sacharczuk M, Józ' wik A, Horban' czuk JO, Feder-Kubis J and Atanasov AG			
Heydarpour F, Sajadimajd S, Mirzarazi E, Haratipour P, <b>Joshi T</b> , Farzaei MH, Khan H and Echeverría J	Involvement of TGF- $\beta$ and Autophagy Pathways in Pathogenesis of Diabetes: A Comprehensive Review on Biological and Pharmacological Insights.	<b>Frontiers in Pharmacology (Frontier's media S.A.)</b> , 11, 498758. <b>Impact Factor: 5.6</b>	2020
<b>Joshi, T.</b> , Singh, A. K., Haratipour, P., Sah, A. N., Pandey, A. K., Naseri, R., Juyal, V., & Farzaei, M. H.	Targeting AMPK signaling pathway by natural products for treatment of diabetes mellitus and its complications	<b>Journal of Cellular Physiology (Wiley)</b> , 234, 17212–17231 <b>Impact Factor: 5.6</b>	2019
Kumar A., Mahendra Rana, M., <b>Joshi, T.</b> , Swati Bhoj, S., & Rana, A.J.	Potential of <i>Cissus qudrangularis</i> transdermal patch for fracture healing	<b>Plant Archives</b> , 18, 121-127. <b>Scopus at time of Publication.</b>	2019
<b>Joshi, T.</b> , Sah, S. P., & Singh, A.	Antistress activity of ethanolic extract of <i>Asparagus racemosus</i> Willd roots in mice	<b>Indian journal of experimental biology (NISCAIR)</b> , 50, 419–424. <b>Impact Factor: 0.944</b>	2012

## Patents

Authors name	Title of the patent	Status	Date of Issue
1.Dr. Sanghadeep Sukhadeo Gajbhiye 2. Dr. Prasanth Damarasingu 3.Mr. Satish Pandurang	DIGITAL PORTABLE DEVICE USED FOR PULMONARY FUNCTION TEST	Granted Design No: 397657-001	22/03/2024

Mohitkar <b>4.Dr. Tanuj Joshi</b> 5.Dr. Sumit Durgapal 6.Mr. Shipate Swapnil Mohan 7.Dr. Namrata Suri 8.Dr. Sadiya Begum 9.Miss D. Purnima Yadav 10.Mr. Phanse Milind Dilip			
1.Dr. Lavanya L 2. Dr. M. Rajashekar <b>3.Dr. Tanuj Joshi</b> 4.Dr. Jamuna Bai A 5.Dr. Anil Kumar K. M 6.Dr. Suhas Narayan Sakarkar 7.Dr. Arvind Jantwal 8.Mr. Mohammad Rizwan 9.Dr. Avinash K. O 10.Ms. Uma Rawat 11.Dr. Sharangouda J. Patil	NANO BAND FOR REMOVAL OF ROGUE CELLS	Granted Design No. : 397642-001	27/12/2023

### Books Edited

Editors name	Title of the book	Publisher	ISBN	Year
Aman Upaganlawar and <b>Tanuj Joshi</b>	Natural Products: An answer to Cardiovascular Complications	Nova Publication, New York	979-8-89113-126-2	November, 2023

## Book chapters

Authors name	Title of the Chapter	Publisher	ISBN	Year
Jindal MK, Patni K, <b>Joshi T</b> , Pande AP	<b>Study of Radionuclides in river basins of India: Current status, risk assessment, and possible solutions</b> In: <b>River Basin Ecohydrology in the Indian Sub-Continent Sustainable Strategies and Sustenance</b> A volume in <b>Ecohydrology from Catchment to Coast</b>	<b>Elsevier</b>	978-0-323-91545-8	2024
<b>Joshi T.</b> , Nandave M., Sah A.N.	<b>Dietary Modifications to Manage Stress. In: Adaptation under Stressful Environments through Biological Adjustments and Interventions.</b>	<b>Springer, Singapore</b>	Print ISBN978-981-99-7651-5 Online ISBN978-981-99-7652-2	2024
Chandrakanta, <b>Joshi T.</b> , Sah A.N., Bawari S., Tripathi A.	<b><i>In-vitro</i> and <i>In-vivo</i> Anti-Polycystic Ovarian Syndrome Activity of Medicinal Plants. In: Modern Trends in Medicinal and Aromatic Plants</b>	<b>Indu Book Services Pvt. Ltd., New Delhi</b>	978-93-91377-78-6	2023
Joshi, S., <b>Joshi, T.</b> , Patni, K., Patni, P, Mishra, A., Tewari, D.	<b>Bioactives and Pharmacology of Agave sisalana Perrine In: Phytochemical Composition and Pharmacy of Medicinal Plants: 2-volume set</b>	<b>Apple Academic Press</b>	9781774913291	2023
Durgapal S, Jantwal A, Upadhyay J, <b>Joshi T</b> , Kumar A	<b>Uric acid. In: Antioxidants Effects in Health</b>	<b>Elsevier</b>	978-0-12-819096-8.	2022

Jantwal A, Durgapal S, Upadhyay J, <b>Joshi T</b> , Kumar A	<b>Tartaric acid. In: Antioxidants Effects in Health</b>	<b>Elsevier</b>	978-0-12- 819096-8	2022
Bisht D, Maurya H, <b>Joshi T</b> , Belwal T, Dhariwal A, Kumar A	<b>Amino acid: Essential building blocks for Human Body. In: Antioxidants Effects in Health</b>	<b>Elsevier</b>	978-0-12- 819096-8.	2022
<b>Joshi T</b> , Patni K, Belwal T, Maurya H, Kumar A.,	<b>Sterols: beneficial or detrimental for human health. In: Antioxidants Effects in Health</b>	<b>Elsevier</b>	978-0-12- 819096-8	2022
<b>Joshi T</b> , Durgapal S, Juyal V, Jantwal A, Rana M, Kumar A	<b>Selenium. In: Antioxidants Effects in Health,</b>	<b>Elsevier</b>	978-0-12- 819096-8	2022
<b>Joshi T</b> , Sah AN	Nutrition and Nutraceuticals for Ageing Brain. In: <b>Bioactive Nutraceuticals for Brain Disorders</b>	<b>Nova Science Publishers.</b>	978-1-53619- 463-0.	2021
<b>Joshi T</b> , Singh L, Jantwal A, Durgapal S, Upadhyay J, Kumar A, Rana M	<b><i>Zingiber officinale</i>. In: Naturally Occurring Chemicals Against Alzheimer's Disease,</b>	<b>Academic Press</b>	978-0-12- 819212-2.	2020
Durgapal S, Jantwal A, Upadhyay J, Rana M, Kumar A, <b>Joshi T</b> and Joshi A, Rana AJ	<b><i>Urtica dioica</i>. In: Naturally Occurring Chemicals Against Alzheimer's Disease,</b>	<b>Academic Press</b>	978-0-12- 819212-2.	2020
Bahukhandi A, <b>Joshi T</b> and Kumar A	<b><i>Lepidium meyenii</i>. In: Naturally Occurring Chemicals Against Alzheimer's Disease</b>	<b>Academic Press</b>	978-0-12- 819212-2.	2020
Tewari D, <b>Joshi T</b> and Sah AN	<b><i>Galanthus nivalis</i> L. (snowdrop). In: Naturally Occurring</b>	<b>Academic Press</b>	978-0-12- 819212-2.	2020

	<b>Chemicals Against Alzheimer's Disease</b>			
Jantwal A, Durgapal S, Upadhyay J, Rana M, Tariq M, Dhariwal A, <b>Joshi T.</b>	<b><i>Centella asiatica</i>. In: Naturally Occurring Chemicals Against Alzheimer's Disease</b>	<b>Academic Press</b>	978-0-12-819212-2.	2020
<b>Joshi T</b> , Gupta A, Kumar P, Singh A and Kumar A.	<b><i>Bacopa monnieri</i> (Brahmi). In: Naturally Occurring Chemicals Against Alzheimer's Disease</b>	<b>Academic Press</b>	978-0-12-819212-2.	2020
Patni K, Pande C, <b>Joshi T</b>	<b>Scenario of Worldwide Preponderance of Contaminants of Emerging Concern in the Hydrosphere. In: Resilience, Response, and Risk in Water Systems</b>	<b>Springer Transactions in Civil and Environmental Engineering. Springer,</b>	Print ISBN: 978-981-15-4667-9; Online ISBN: 978-981-15-4668-6.	2020
<b>Joshi T</b> , Sah AN	<b>Antioxidant Status and Cigarette Smoking. In: Oxidative Stress and Antioxidant Defense: Biomedical Value in Health and Diseases</b>	<b>Nova Science Publishers.</b>	ISBN: 978-1-53615-687-4 eBook ISBN: 978-1-53615-688-1.	2019

### Conference/Seminars/Workshops

Attended/Presented papers in several International/National Conferences/Seminars/Workshops

### Membership of an International Collaborative Platform

<b>Collaborative Platform</b>	<b>Position</b>
INPST (The International Natural Product Sciences Task Force). An International collaborative platform to promote research linked to natural products	Current Member

## Awards/Recognitions

Award/Recognitions	Awarding Organization/Recognition providing Institute	Year
1. Awarded Professor K.S. Valdia award for impact factor of more than 10 in a year.	Kumaun University, Nainital.	2022
2. Letter of appreciation from Elsevier Journals Leadership Team for publishing in Phytomedicine Elsevier.	Elsevier	2024
3. Letter of appreciation from Elsevier Journals Leadership Team for publishing in Phytomedicine Elsevier.	Elsevier	2023
4. Received certificate from Wiley publication house for one of the top downloaded paper which was published in 2019 in Journal of Cellular Physiology (Wiley)	Wiley	2020

## Role as a Reviewer

Reviewed papers of good publication Houses

Title of the Paper	Journal Name	Year
Implications of grape extract and its nanoformulated bioactive agent resveratrol against skin disorders	Archives of Dermatological Research (Springer)	2019
Notch signaling-induced cyclin d1 in diabetes ameliorating effects of the isolated polysaccharide from Rosa canina : in vitro and in vivo studies	Cell Biochemistry and Function (Wiley)	2022
Dietary intake of Polish	Frontiers in Public Health	2024

organic and conventional fruit growers and their life partners - a pilot study		
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I hereby declare the above details true to the best of my knowledge.



**Dr. Tanuj Joshi**  
**(19-06-2024)**