


Curriculum Vitae (2017-2022)

Full Name	Dr. Jagat Prakash Mehta			
Designation	Associate Professor			
Department	Department of Botany and Microbiology			
Campus	Srinagar Campus			
Telephone				
Mobile	+91 9411155373			
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Education Qualification	BSc. (1982), H. N. B. Garhwal University Srinagar (Garhwal) MSc. (1984), H. N. B. Garhwal University Srinagar (Garhwal) D. Phil. (1991) H. N. B. Garhwal University Srinagar (Garhwal)			
Teaching Experience	27-Years	Research Experience	26 Years	
Areas of Interest/ Specialization				
(1) Forest Fire Ecology (2) Forest Community Ecology (3) Forest Resource management (4) Range management Ecology (5) Medicinal Plants Diversity of Uttarakhand Himalaya				
Honours & Awards				
1. DST Young Scientist Project 1995				
Member of Academic Institutions				
Membership of Scientific Organization				
Research Supervision (No. of Ph.D. Degree Awarded/ Registered)				
Awarded- 08				
Registered- 05				
Research Projects/ MoU undertaken				
Administrative Experience				
1. Assistant Dean Student Welfare: 2006 to 2018. 2. Sports Secretary, B.C.C. Srinagar from 16.02.2009 to 2018.				

3. Member of a Survey Team for Verification and Monitoring of Ringal (Hill Bamboo) plantation in upper Himalaya, Project Sanctioned by ONGC. Laxmi Nagar, New Delhi.
4. Team Incharge/Manager: Cricket team (Men) of B.C.C. Srinagar Garhwal (from 2006 to till date).
5. Member of Admission Committee: B.Sc.
6. Member of Counselling and Admission committee: MSc-I. Microbiology and MSc-I. Botany.
7. Member of Carrier Counselling and Placement Cell of H.N.B. Garhwal University.
8. Convener/Member of various committees i.e., purchasing, verification, Preparation of Syllabus and Time table etc.
9. Assistant Proctor, member of departmental time table committee, member of physical verification committee from 15 July 2016 to 14 July 2017.
10. Assistant proctor, member of departmental time table committee, member of physical verification committee, member of purchasing committee of the department from 15 July 2017 to 14 July 2018.

Scientific Visits Abroad/International Collaboration

Conference/Symposium/Workshop Attended during last five years (2017-2022).

International

1. Participated and presented a paper "Effects of prescribed burning.....Uttarakhand" on an international seminar on the Himalayan Challenge: Towards interdisciplinary. organized by SDS Uttarakhand University dated 29 November-1st Dec. 2017.

National

1. Attended one-week short term course for teachers in higher education- 03 on Open Educational Resources in Higher Education (OERHE) dated 04-09 September 2017.
2. Attended one-week workshop on Use and Development of Open Educational Resources, Dated October 12-18, 2018.

Conference/Symposium/Workshop Organized during last five years (2017-2022)

Publications during last five years (2017-2022)

Journals

1. A Review on Antimicrobial and Phytochemical Screening of Traditionally used Himalayan Medicinal Plants, (Prashant Arya and **J.P. Mehta**), Environment Conservation Journal 18(1-2):49-62, 2017
2. Antioxidant potential of Himalayan medicinal plants *Angelica glauca*, *Alysicarpus vaginalis* and *Peristrophe bicalyculata*, (Prashant Arya and **J. P. Mehta**). International Journal of Current Microbiology and Applied Sciences. 6(7) 1892-1901, 2017
3. Distribution pattern and occurrence of the associating tree strata with Ringal (Hill Bamboo) in peak growing season (rainy) in Rudraprayag Garhwal Himalaya, (Subodh Kumar, **JP Mehta** and Jagdesh Chandra Rastogi), International Journal of Research in Engineering and applied sciences (IJREAS) 7(7) 79-89, 2017
4. Distribution and resources of medicinal plants (*Aconitum violaceum*, *Angelica glauca*, *Alysicarpus vaginalis* and *Peristrophe bicalyculata*) in Garhwal Himalaya, (Prashant Arya and **JP Mehta**) ENVIS Bulletin Himalayan Ecology 25:136-140, 2017
5. Phytosociological analysis of woody species under burnt and unburnt communities at Pauri Garhwal, Western Himalaya, India, (S. Shafi, **J.P. Mehta**, S. Kumari and P. Dhiman), ENVIS Bulletin Himalayan Ecology, 25, 2017
6. Phytosociological analysis of woody vegetation under burnt and unburnt oak dominated forest at Pauri, Garhwal Himalaya, India, (Sharesth Kumari, **J.P. Mehta**, Snobar Shafi and Pooja Dhiman), Environment Conservation Journal, 18(3), 99-106, 2017
7. Indigenous uses of plants under Pinus dominated ecosystem at Pauri Garhwal, India, (Shafi, Snobar, **Mehta, J.P.**, Sharesth, Kumari and Pooja, Dhiman), International Journal of Herbal Medicine, 5(4), 09-15, 2017
8. Short-term effect of prescribed fire on Pine and Oak dominated forest

ecosystems of Pauri Garhwal, India, (Shafi, Snobar, **Mehta, J.P.**, Kumari Sharesth, and Pooja, Dhiman), *NeBIO: An international journal of environment and biodiversity*, 9(2), 199-209, 2018

9. Phenology and reproductive behaviour of two perennial grasses under burnt and unburnt conditions at Pauri Garhwal, Uttarakhand India, (Snobar Shafi, **J.P. Mehta**, Sharesth Kumari and Pooja Dhiman), *Plant Archives*, 18(2), 2097-2101, 2018
10. Effect of prescribe fire on bacterial abundance and their enzymatic activity in burnt and unburnt soil of Chilla forest, Rajaji national park, Uttarakhand, INDIA, (Pooja Dhiman, **J. P. Mehta**, Singh Padma, Shafi Snobar, and Kumari Sharesth), *Plant Archives*, 18(1), 1125-1128, 2018
11. Comparative study of effect of prescribe fire on fungal distribution in Rajaji National Park, Uttarakhand India, (Dhiman, Pooja, Singh Padma, **Mehta J. P.**, Mehta, Kumari Sharesth, Snobar Shafi). *International Journal of Life sciences*, 6(2); 365-370, 2018
12. Vegetational analysis of woody vegetation in burnt and unburnt forest communities of Pauri, Garhwal Himalaya, (Sharesth Kumari, **J.P. Mehta**, Snobar Shafi and Pooja Dhiman), *Plant Archives*, 18(1), 135-143, 2018
13. A Review on Traditional Health Care System of Uttarakhand, (Prashant Arya and **JP Mehta**), *Environment and Ecology* 37(2) 582-588, 2019
14. Structural analysis and diversity status of some montane forest stands along an altitudinal gradient in Garhwal Himalaya. (**J.P. Mehta**, B. S. Bhandari and Prashant Arya). *Journal of Science and Technological Researches (JSTR)* 2(2) 01-09, 2020.
15. Diversity and indigenous uses of medicinal plants in the Buakhal area of the Garhwal Himalayan range, India Sharesth Kumari, **J.P. Mehta**, Snobar Shafi, Pooja Dhiman & Ram Krishan. 22:3-4, 131-142, 2021
16. Documentation of ethnobotany: a source for conservation plan of Medicinal plant species in alpine region of Madhmaheshwar, Uttarakhand, India (Sunit Singh, Sajjan Thakur, **J.P. Mehta**, Harish Chander Dutt) *Vegetos* <https://doi.org/10.1007/s42535-022-00470-8>. 2022
17. Variation in Soil Physico-Chemical Properties in Temperate Forests of Khatling Valley, Western Himalaya, India. Jaffer Hussain, (**J.P. Mehta**, Vinay Rawat,

Hardeep Singh¹, Ajendra Singh Bagri) Journal Mountain Research Vol. 17(2):301-306, 2022

18. Ethnomedicinal survey of Bhalessa, Jammu and Kashmir, a remote region of Western Himalaya. (Jaffer Hussain, **J.P. Mehta**, Hardeep Singh, Ajendra Singh Bagri, Ankit Singh, Anzar Ahmad Khuroo, M.C. Nautiyal) <https://doi.org/10.1016/j.chnaes.2023.01.002>. 2023

19. Ethnomedicinal plants used in Khatling valley of Western Himalaya, India (Jaffer Hussain, **J.P. Mehta**, Ankit Singh, Ajendra Singh Bagri, Hardeep Singh, M.C. Nautiyal, and Rainer W Bussmann) Ethnobotany Research and Applications 25:3, 2023

Proceedings

1. Species Diversity Along Gradient OF Elevation in Garhwal Himalaya (Bhatt V P, **Mehta J.P.**, Painuli R M, Rangarh M) Proceedings of the National Seminar on Uttarakhand Disaster: Contemporary of Climate Changes and Development with Holistic Approach.

Books Chapters

1. Prashant Arya and **J.P. Mehta** (2020) Concept of Conventional Health Care System in Uttarakhand. *Recent Advancements in Sciences with Special Reference to Himalaya*. Ancient Publishing House Delhi-110 053 (India) ISBN- 978-93-84866-91-4 Pp-221-234.

2. Dr. Prashant Arya, Navneet swami and **J.P. Mehta** (2020) Role of Traditional knowledge in health care system of India including COVID-19 Pandemic situation. *COVID-19 A Drill Down Analysis Volume-I*. INSC Publishing House (IPH) ISBN-978-81-946370-2-8 Pp 142-147.

Book Published

1. Botany Practical for BSc. IVth Sem Students (Dr. Anubha Arora and **Dr. J.P. Mehta**, 2018) JaiSri Publication. ISBN 978-81-138-0828-1

Total Number of Research Publications: 50