


Curriculum Vitae

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| Full Name | Dr. Jagat Prakash Mehta | | |
| Designation | Assistant Professor | | |
| Department | Department of Botany and Microbiology | | |
| Campus | Srinagar Campus | | |
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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 | 25-Years | Research Experience | 26- Years |
| Areas of Interest/ Specialization | | | |
| (1) Forest Fire Ecology (2) Forest Community Ecology (3) Forest Resource management (4) Rangemanagement 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- 05 | | | |
| Submitted- 03 | | | |
| Registered- 01 | | | |
| Research Projects/ MoU undertaken | | | |
| Administrative Experience | | | |
| <ol style="list-style-type: none"> 1. Assistant Dean Student Welfare: 2006 to till date. 2. Sports Secretary, B.C.C. Srinagar from 16.02.2009 to till date. 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/Team Manager of Yachting (Men and Women), | | | |

H.N.B Garhwal University (from 2008-2012).

5. Team Incharge/Manager: Cricket team (Men) of B.C.C. Srinagar Garhwal (from 2006 to till date).
6. Member of Admission Committee: B.Sc.
7. Member of Counselling and Admission committee: MSc-I. Microbiology and MSc-I. Botany.
8. Member of Career Counselling and Placement Cell of H.N.B. Garhwal University.
9. Convener/Member of various committees i.e., purchasing, verification, Preparation of Syllabus and Time table etc.
10. ADSW, member of departmental time table committee, member of physical verification committee. From 15 July 2015 to 14 July 2016.
11. Assistant Proctor, member of departmental time table committee, member of physical verification committee from 15 July 2016 to 14 July 2017.
12. 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 (2014-2019).

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. Participated and Participated in National Seminar on “Challenges of Livelihood Restoration in Disaster Hit Regions of Uttarakhand” organized by Department of Geography HNB Garhwal University, Srinagar, November, 28-29, 2014.
2. Participated and presented a paper in National Seminar on Climate change, Resources, Biodiversity and Environmental challenges: Issues and Strategies for Sustainable Development. Organized by Department of Geography HNBGU, dated

October 28-30, 2015.

3. Participated in UGC sponsored Refresher course organized by UGC academic staff college Kumaun University Nainital from August 05, 2015 to August 26, 2015.
4. Participated and presented a paper on Crop diversity and entrepreneurship development in Himalayan environment, organized by department of Botany, PG College Uttarkashi, dated 29 September to 1 October 2016.
5. 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.
6. 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 (2014-2019)

Publications during last five years (2014-2019)

Journals

1. Analysis of the physico-chemical properties of the soil and climatic attributes on vegetation in central Himalaya, (Mehta, J.P., Shreshtha Mani and Bhatt, V.P) Nature and Science, 12 (11): 46-54, 2014 (Impact Factor 0.565)
2. Regeneration potential and distribution pattern of tree species along altitudinal gradient in Central Himalaya, (J P Mehta, Shreshthamani and V P Bhatt). International Journal of Scientific and Research Publications. 5(5)1-7, 2015.
3. Antibacterial activity from Haemolymph of freshwater Crab of genus *Maydelliathelphusa* against Respiratory Tract Pathogens (Singh S., Arya P., Bahuguna S., Mehta J. P. and Bahuguna V). International Journal of Pharmacy and Pharmaceutical Sciences, 8(2):324-325, 2016.
4. Evaluation of antibacterial and phytochemical analysis of root extract of *Alysicarpus vaginalis* DC against Respiratory Tract Pathogens, (Arya P, Mehta J P and Kumar S), Environment Conservation Journal 17(3):145-151, 2016 (NAAS 4.52)
5. Antibacterial Action of Medicinal Plant *Alysicarpus vaginalis* against Respiratory Tract Pathogens (Prashant Arya, J. P. Mehta) International Journal for Environmental Rehabilitation and Conservation 7(2):25-32, 2016
6. A Review on Antimicrobial and Phytochemical Screening of Traditionally used Himalayan Medicinal Plants, (Prashant Arya and J. P. Mehta), Environment

7. 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
8. Distribution pattern and occurrence of the associating tree strata with Ringal (Hill Bamboo) in peak growing season (rainy) in Rudraprayag Garhwal Himalaya, (Subodh Kumar, J P Mehta and Jagdesh Chandra Rastogi), International Journal of Research in Engineering and applied sciences (IJREAS) 7(7) 79-89, 2017
9. Distribution and resources of medicinal plants (*Aconitum violaceum*, *Angelica glauca*, *Alysicarpus vaginalis* and *Peristrophe bicalyculata*) in Garhwal Himalaya, (Prashant Arya and J P Mehta) ENVIS Bulletin Himalayan Ecology 25:136-140, 2017
10. 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
11. 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
12. (2017). 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
13. (2018). 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
14. 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
15. 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
16. 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

17. 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

18. A Review on Traditional Health Care System of Uttarakhand, (Prashant Arya and J P Mehta), Environment and Ecology 37(2) 582-588, 2019

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

Total Number of Research Publications: 42