

# Curriculum Vitae

**Name:** Dr.Bilal Ahmad Tali  
**Designation :** Assistant Professor  
**Subject :** Botany  
**Area of Specialization:** Plant Taxonomy, Ecology and conservation  
**College:** S. P. College, Srinagar  
**Email:** [bilalsapku@gmail.com](mailto:bilalsapku@gmail.com)  
**Contact :** +919797995822

---

## Summary

- Ph.D. Degree in Botany
- Present position: Assistant Professor of Botany at S. P. College, Srinagar
- Organization: J&K Higher Education

## Awards and Achievements

- Qualified CSIR-UGC NET

## Academic Qualifications

Examination Passed	Board/ University	Subjects	Year	Division/ Grade/ Merit
SSC	JKBOSE	General	2002	1 <sup>st</sup> Division
Higher Secondary	JKBOSE	Medical	2004	1 <sup>st</sup> Division
Bachelor's Degree(s)	University of Kashmir	Zoology, Botany, Chemistry, English	2007	1 <sup>st</sup> Division
Master's Degree(s) (M.Sc.)	University of Kashmir	Botany	2010	1 <sup>st</sup> Division
NET/SLET	CSIR-UGC	Botany	2010	NET

## Research Experience

Research Stage	Title of Work /Thesis	University	Year
M. Phil	Population status of some important threatened medicinal plants of Kashmir Himalaya	University of Kashmir	2013
Ph.D.	Floristic diversity and distribution patterns of medicinal flora in Kashmir Himalaya, India	University of Kashmir	2019

## Teaching Experience

Courses Taught	Name of the University/ College/Institution	Duration
<u>UG.</u> Taxonomy, Ecology, Plant physiology	Sheikh ul Alam Memorial Degree College Budgam	July 2017 to October 2023
<u>UG, IG &amp; PG</u> Plant Taxonomy, Ecology, Cytogenetics, Nursery & Gardening	S.P. College Srinagar	October 2023 to-----

## Research Publications

### a. Papers in science citation index journals

1. Aijaz Hassan Ganie, Bilal A Tali, Anzar A Khuroo, Irshad A Nawchoo and Aabid M. Rather. 2014. *Rheum spiciforme* Royle (Polygonaceae): a new plant species record to the flora of Kashmir valley, India. National Academy Science Letters. 37(6):561–565. (Impact factor: 0.79).
2. Bilal A Tali, Aijaz Hassan Ganie, Irshad A Nawchoo, Aijaz A Wani and Zafar A Reshi. 2015. Assessment of Threat status of selected endemic medicinal plants using IUCN regional guidelines: A case study from Kashmir Himalaya. Journal for Nature Conservation 23: 80-89. (Impact factor: 2.83)
3. Aijaz Hassan Ganie, Bilal A Tali, Irshad A Nawchoo and Zafar A Reshi. 2015. A mechanism of self-pollination in *Ajuga bracteosa* Wallich ex Benth. Current Science. 108 (10): 1793-1795. (Impact factor: 0.96)
4. Aijaz Hassan Ganie, Bilal A Tali, Anzar A Khuroo and Irshad A Nawchoo. 2015. A Taxonomic Note on the Misidentification of *Anemone tschernjaewii* Regel. in Kashmir Himalaya. Taiwania: 60(1): 54–58. Impact factor: 0.77)
5. Aijaz Hassan Ganie, Bilal Ahmad Tali, Zafar A. Reshi and Irshad A Nawchoo. 2017. Stigmatic Movement Promotes Cross Pollination in *Rheum webbianum* Royle: An Important Endemic Medicinal Plant of Kashmir Himalaya. India. National Academy Science Letters. 40 (6): 435-438. (Impact factor: 0.79).
6. Bilal A Tali, Anzar A Khuroo, Irshad A Nawchoo and Aijaz Hassan Ganie. 2019. Prioritizing Conservation of Medicinal Flora in the Himalayan Biodiversity Hotspot: An Integrated Ecological and Socioeconomic Approach. Environmental Conservation, 46(2): 147-154. doi: [10.1017/S0376892918000425](https://doi.org/10.1017/S0376892918000425) (Impact factor: 2.77).
7. Aijaz Hassan Ganie, Bilal A Tali, Gowhar A Shapoo, Irshad A Nawchoo and Anzar A Khuroo. 2019. Ethno-survey of Traditional Use of Plants as Aphrodisiacs in Kashmir Himalaya, India. Journal of Herbal Medicine. 17–18 (2019) 100256 <https://doi.org/10.1016/j.hermed.2019.100256> (Impact factor: 2.21)

8. Bilal A Tali, Anzar A Khuroo, Aijaz Hassan Ganie and Irshad A Nawchoo. 2019. Diversity, distribution and traditional uses of medicinal plants in Jammu and Kashmir (J&K) state of Indian Himalayas. *Journal of Herbal Medicine*.17–18, September–December 2019, 100280. <https://doi.org/10.1016/j.hermed.2019.100280>. (Impact factor: 2.21).
9. Aijaz Hassan Ganie, Bilal A Tali, Anzar A Khuroo, Zafar A Reshi and Irshad A Nawchoo. 2019. Impact assessment of anthropogenic threats to high-valued medicinal plants of Kashmir Himalaya, India. *Journal of Nature Conservation*.50 (2019) 125715.<https://doi.org/10.1016/j.jnc.2019.125715>(Impact factor: 2.83).
10. Aijaz Hassan Ganie, Bilal A Tali, Zafar A Reshi and Irshad A Nawchoo. 2021. Inflorescence architecture, floral part movements and pollinator attraction by androecia – contrivance for successful mating in *Eremurus himalaicus*Baker. *Botanica Pacifica*. A journal of plant science and conservation. DOI: 10.17581/bp.2021.10206 (Impact factor: 0.58).
11. S Wani, ZA Kaloo, AH Ganie, MA Shah, Bilal A Tali. 2022. Micropropagation and arbuscular mycorrhizae assisted growth in *Phlomis cashmeriana* royle ex Benth., an endemic medicinal herb of Kashmir Himalaya. *Journal of Herbs, Spices & Medicinal Plants* 28 (3), 237-264
12. Ah Ganie, T Islam, AA Khuroo, Bilal A Tali. 2023. *Viola suaveis* subsp. *naqshii*: a new taxon from Kashmir Himalaya, India. *Phytotaxa* 598 (2), 167-172.

#### **b. Papers published in other refereed journals**

1. Abid M. Rather, Irshad A. Nawchoo, Aijaz A. Wani, Aijaz Hassan Ganie and Bilal A. Tali. 2011. A case study in *Valeriana jatamansi*: An important medicinal plant of Kashmir Himalaya. *J. Himalayan Ecol. Sustain. Dev.* 6: 21-26
2. Aijaz Hassan Ganie, Bilal A. Tali and Aabid M. Rather. 2013. An Ethno-botanical study in Budgam district of Kashmir valley: an attempt to explore and document traditional knowledge of the area. *International Research Journal of Pharmacy*.4 (1): 210-204.
3. Aijaz Hassan Ganie, Bilal A Tali, Tariq Ahmad Butt, Sameena Wani and Irshad A. Nawchoo. 2013. Economic and Ethno-medicinal uses of *Juglans regia* L. in Kashmir Himalaya. *Unique Journal of Ayurvedic and Herbal Medicine*. 1(3): 64-67
4. Gurcharan Singh, Anzar A. Khuroo , Aijaz, Hassan Ganie , Bilal A. Tali , Akhtar, H. Malik. 2014. *Euphorbia esula*L. (Euphorbiaceae): a new plant record for Indian subcontinent from Kashmir Himalaya. *Phytodiversity*. Vol. 1 (1&2): 1-6

5. Bilal A Tali, Aijaz Hassan Ganie, Irshad A Nawchoo and Z.A. Kaloo. 2015. Development of agro-technique for some important Medicinal and Aromatic Plants (MAPs) of Kashmir Himalaya. *Journal of research and Development*. 14: 104-112.
6. Aijaz Hassan Ganie, Bilal A Tali, Anzar A Khuroo, Zafar A. Reshi and Donald H. Les. 2015. *Ceratophyllum platyacanthum* subsp. *oryztorum* (Kom.) Les (Ceratophyllaceae): an addition to the flora of India from Kashmir Himalaya. *Checklist*: 11 (3) 1661.
7. Aijaz Hassan Ganie, Bilal A Tali, Anzar A Khuroo, Zafar A. Reshi and B. A. wafai. 2015. Taxonomic diversity, distribution pattern and management implications of weed flora in rice fields of Kashmir Valley. *Indian Journal of Weed Science*: 47(1): 11–15.
8. Bilal A Tali, Aijaz Hassan Ganie, and Irshad A Nawchoo. 2016. Conservation status of *Ajuga bracteosa* Wall ex Benth: An important medicinal plant species of Kashmir Himalaya. *International Journal of Ecology and Ecosolution*. 3(1): 1-6.
9. Aijaz Hassan Ganie, Ayaz Bashir, Anzar A. Khuroo, Bilal A. Tali, Zafar A. Reshi, Manzoor A. Shah and B. A. wafai. 2016. A new record of an invasive aquatic plant *Hydrocharisma morsusranae* (Hydrocharitaceae), reaching to the Kashmir Himalaya. *J. Jon. Bot.* 91(2): 128-132.
10. Bilal A Tali, Rubaya Sultan Aijaz Hassan Ganie, and Irshad A Nawchoo. 2016. IUCN Red List of Threatened Species for Biodiversity Conservation: History and Importance. *International Journal of Current Research*. 8(12): 43434-43440.
1. Aijaz Hassan Ganie, Anzar A. Khuroo, Bilal A. Tali, Zafar A. Reshi and B.A. Wafai. 2016. Weed flora of raised bunds and undulated lands growing along the rice fields of Kashmir Valley. *Indian Journal of Weed Science* 48(3): 284–286.

### **c. Book chapters and papers in proceedings**

1. Aijaz Hassan Ganie, Bilal A Tali, Irshad A Nawchoo, Anzar A Khuroo, Zafar A Reshi and G H Dar. 2020. Diversity in Medicinal and Aromatic Flora of the Kashmir Himalaya. In: Dar G., Khuroo A. (eds) *Biodiversity of the Himalaya: Jammu and Kashmir State*. Topics in Biodiversity and Conservation, vol 18. Springer, Singapore
2. Bilal A Tali, Anzar A Khuroo, Irshad A Nawchoo and Aijaz Hassan Ganie. 2021. Ethno-medicinal flora of Jammu and Kashmir: Taxonomic Diversity and Regional Distribution. In Pant, Sharma and Sharma (eds) *Ethnobotany and Biodiversity Conservation*. Indu Book Service Pvt. Ltd. New Delhi.

## **Training Workshops/Courses /Seminars attended**

1. Workshop on “Sustainable Utilization of Medicinal and Aromatic of Kashmir Himalaya in Regional Development” Department of Botany, University of Kashmir, sponsored under Special Assistance Programme (SAP) – UGC, New Delhi (15 October, 2011).
2. Symposium on “ Innovation in Science Pursuit for Inspired Research (INSPIRE)” Department of Botany University of Kashmir, sponsored by the Department of Science and Technology (DST) Govt. of India (7-11 September, 2013)
3. Second National Summit on Unani Medicine. Organized by All India Unani Tibbi Congress, J&K Chapter (University of Kashmir-Srinagar, J&K) (12-13 May 2015).
4. National Training Workshop on “ Plant Taxonomy: Principles and Practices” Organized by Centre for Biodiversity & Taxonomy (CBT), Department of Botany, University of Kashmir (27-29 March 2017).
5. Science Academics, Lecture Workshop on “ Himalayan Biodiversity and Bioresources: Mapping, Utilization and Conservation”, Department of Botany, University of Kashmir, sponsored by Indian Academy of Science (Bangalore- India) National Academy of Sciences (New Delhi- India) and National Academy of Sciences (Allahabad- India) (8-10 May, 2014).

## **Papers presented in Conferences/Seminars (Abstracts)**

1. Bilal Ahmad Tali, Aijaz Hassan Ganie. 2011. Diversity and Distribution of Medicinal and Aromatic Plants in Kashmir Himalaya. Workshop on Sustainable Utilization of Medicinal and Aromatic Plants Of Kashmir Himalaya in Regional Development.
2. Bilal Ahmad Tali, Aijaz Hassan Ganie, Zafar A. Reshi and Irshad A. Nawchoo. 2012. Treat categories assigned to different Medicinal and Aromatic Plants (MAPs) of Kashmir valley need to be readdressed. 8<sup>th</sup> J&K Science Congress, University of Kashmir.
3. Sameena Wani, Manzoor A. Shah, Z. A. Kaloo, Aijaz Hassan Ganie and Bilal A. Tali. 2013. Distribution and Mycorrhizal status of some important medicinal plant species of Kashmir Himalaya. 9<sup>th</sup> J&K Science Congress, University of Kashmir
4. Bilal A Tali, Aijaz Hassan Ganie, Rubaya Sultan, Irshad A. Nawchoo and Aijaz A. Wani. 2013. Application of IUCN Regional Guidelines for threat assessment: A case study of *Atropaacuminata* Royle in Kashmir valley. 9<sup>th</sup> J&K Science Congress, University of Kashmir

5. Aijaz Hassan Ganie Bilal A Tali, Zafar A. Reshi and Irshad A. Nawchoo. 2015. Identification and Assessment of Threats and their Overall Threat Impact on Selected Medicinal Plants of Kashmir Himalaya. 10<sup>th</sup> J&K Science Congress, University of Jammu.
6. Bilal A Tali, Aijaz Hassan Ganie, Irshad A. Nawchoo, Aijaz A. Wani and Zafar A. Reshi. 2015. Assessment of Threat Status of Selected Endemic Medicinal Plants Using IUCN Regional Guidelines. 10<sup>th</sup> J&K Science Congress, University of Jammu.
7. Gowhar A Shapoo, Zahoor A. Kaloo, Aijaz Hassan Ganie, Bilal A Tali, Seema Singh, Samar Amin, Shazia Rashid, Burhan M. Padder. 2015. Efficient Arro-techniques for *Ex- situ* Conservation of Some Prized Medicinal Orchid Species Growing in Kashmir Himalaya. 10<sup>th</sup> J&K Science Congress, University of Jammu.
8. Bilal A Tali, Aijaz Hassan Ganie, Anzar A. Khuroo and Irshad A. Nawchoo. 2015. Documentation of Medicinal Plants in Jammu and Kashmir State: An Update Synthesis. National Symposium on Biodiversity, Biology & Bio-prospecting, Department of Botany, University of Kashmir.
9. Sameena Wani, Manzoor A. Shah, Z. A. Kaloo, Aijaz Hassan Ganie and Bilal A. Tali. 2015. Diversity of Mycorrhizal Fungi in Some Selected Medicinal Plants of Kashmir Himalaya. National Symposium on Biodiversity, Biology & Bio-prospecting, Department of Botany, University of Kashmir.
10. Seema Singh, Gowhar A. Shapoo, Bilal A. Tali, Zafar A. Reshi, Zahoor A. Kaloo and Aijaz Hassan Ganie. 2015. Effect of Different Nutrient Media on Shoot Regeneration From Pseudobulbs of *Malaxismuscifera* (Lind.) Kuntz, An Important Medicinal Orchid Growing in Kashmir Himalaya. National Symposium on Biodiversity, Biology & Bio-prospecting, Department of Botany, University of Kashmir.
11. Bilal A Tali, Aijaz Hassan Ganie, Irshad A. Nawchoo and Aijaz A. Wani. 2015. Population status and assessment of threat categories- an important component for conservation strategies of Medicinal and Aromatic Plants. Global Conference on Unani Medicine: Emerging Trends and Future Prospects, Indian System of Medicine, Jammu & Kashmir-Srinagar.
12. Seema Singh, Gowhar A Shapoo, Zafar A. Reshi, Aijaz Hassan Ganie, Bilal A. Tali and Zahoor A. Kaloo. 2015. *Ex- situ* conservation of *Malaxismuscifera* (Lindl.) Kuntze and *Listeraovata* (Linn.) R. Brown- Two orchid species growing in Kashmir Himalaya. 11<sup>th</sup> J&K Science Congress, University of Kashmir.
13. Sameena Wani, Zahoor A Kaloo, Manzoor A. Shah, Aijaz Hassan Ganie and Bilal A. Tali. 2015. High frequency callus induction and plantlet regeneration from different explants of

*Lavaterakashmeriana* Cambess.: an endemic medicinal herb of Himalaya. 11<sup>th</sup> J&K Science Congress, University of Kashmir.

14. Bilal A Tali, Aijaz Hassan Ganie, Anzar A. Khuroo and Irshad A. Nawchoo. 2015. Valuation of medicinal flora for conservation priority: a case study of Jammu and Kashmir State, India. 11<sup>th</sup> J&K Science Congress, University of Kashmir.
15. Gowhar A Shapoo, Zahoor A. Kaloo, Seema Singh, Aijaz Hassan Ganie and Bilal A. Tali. 2017. Development of efficient agro-techniques for ex-situ conservation of *Dactylorhizahetagirea* (D. Don) Soo: an important orchid species growing in Kashmir Himalaya-India. One Day National Seminar on Biodiversity and Climate Change: "Challenges and Prospects". Organized by Department of Environmental Science, Govt Sheikh-UI- Alam Memorial Degree College-Budgam, J&K.
16. Bilal A Tali, Anzar A. Khuroo, Aijaz Hassan Ganie and Irshad A. Nawchoo. 2017. Towards the Target 2 of Global Strategy for Plant Conservation (GPSC): a case study from Kashmir Himalaya. One Day National Seminar on Biodiversity and Climate Change: "Challenges and Prospects". Organized by Department of Environmental Science, Govt Sheikh-UI- Alam Memorial Degree College-Budgam, J & K.
17. Gowhar A Shapoo, Zahoor A. Kaloo, Seema Singh, Aijaz Hassan Ganie and Bilal A. Tali. 2017. Diversity and Efficient Conservation Strategies of Some Imperative Orchid Species Growing in Kashmir Himalaya. 13<sup>th</sup> J&K Science Congress, University of Kashmir.
18. Aijaz Hassan Ganie, Bilal A Tali, Zafar A Reshi, Irshad A Nawchoo and Anzar A Khyroo. 2018. Novel Mechanisms of Pollination in Some Important Endemic Medicinal Plant Species of Kashmir Himalaya. 13<sup>th</sup> J&K Science Congress, University of Kashmir.
19. Bilal A Tali, Anzar Ahmad Khuroo, Irshad A Nawchoo and Aijaz Hassan Ganie. 2018. Prioritization for Conservation: A Case Study of Medicinal Flora of Jammu and Kashmir State in the Indian Himalaya. 13<sup>th</sup> J&K Science Congress, University of Kashmir.
20. Aijaz Hassan Ganie and Bilal A Tali. 2019. Medicinal and Aromatic Plants (MAPs) of Kashmir Himalaya. International Conference on Medicinal, Aromatic and Nutraceutical Plants from Mountains Areas. 9<sup>th</sup> Annual Conference- American Council for Medicinally Active Plants (ACMAP) and Graphic Era University, Dehradun, Utrakhand- India.



## Articles Published

1. Vanishing medicinal plants of Kashmir Himalaya. India's Endangered. 20-9-2013.
2. Landslides: Yet another disaster, Greater Kashmir. 21-4-2015.
3. Potential Medicinal Plants of Kashmir Himalaya. Greater Kashmir. 20-01-2021
4. Healing Himalaya: Kashmir Himalaya is a region with highest number of medicinal and aromatic plants in India. Greater Kashmir. 18-06-2021.