

DR. TASIR IQBAL (M.Sc., Ph.D.) Council of Scientific & Industrial Research-Senior Research Fellow (CSIR-SRF)		
Affiliation	Plant Cytogenetics Lab, Department of Botany, University of Jammu, Jammu-180006, Jammu & Kashmir India. Web: https://www.jammuuniversity.ac.in/	
ORCID	ORCID: 0000-0002-9288-3204	

Date of Birth	19th May, 1994
Nationality/Gender	INDIAN/Male
Present Physical Address	Department of Botany, GDC Surankote, Poonch
Permanent Address	Pranoo, Tehsil & District Doda-182201, Jammu & Kashmir, INDIA
E-mail	taseer83@gmail.com
Marital status	Unmarried
Cell Number	+919541245154
Spoken Languages	English, Urdu, Hindi

ACADEMIC PROFILE

April, 2024: Ph. D (Botany); University of Jammu, Jammu-180006, J&K India.

Thesis title: Assessment of cytological, biochemical and molecular variability in *Viola canescens* Wall. and *Viola pilosa* Blume in Jammu province

2016: Qualified NET-JRF in Life Sciences with AIR-50. Qualified JKSET.

2016: M. Sc. Botany with 69% marks (First Division), Department of Botany, University of Jammu, Jammu-180006, J&K, India. Web: <https://www.jammuuniversity.ac.in/>

2014: B. Sc. (Medical), Govt. Degree College Bhaderwah, Jammu and Kashmir, India.

2011: Senior Secondary, 12th (Chemistry, Physics, Biology & Physical Education), JNV Arnora (CBSE), Ghat, Doda, J&K, INDIA.

2009: Secondary (10th), (Mathematics, G. Science, S. Studies, Urdu & English), JKBOSE, J&K, INDIA.

PROFESSIONAL SUMMARY

To pursue a responsible and challenging research and/or academic position in a progressive organization/institution where my education will have a valuable application and that gives me scope to improve my knowledge. Given an opportunity, I promise to perform my assigned duties with sincerity, dedication, and the optimum utilization of inherent strength and acquired skills

DETAILS OF EMPLOYMENT/POSITIONS HELD

Details of Employment	Name of Organization	From	To	Nature of Work
Senior Research Fellow (SRF)	Department of Botany, University of Jammu, Jammu-180006, J&K, India.	March, 2020	March, 2023	Research
Junior Research Fellow (JRF)	Department of Botany, University of Jammu, Jammu-180006, J&K, India.	March, 2018	March, 2020	Research
Assistant Professor	Cluster University of Jammu, Jammu	October, 2024	August, 2025	Contractual
Assistant Professor	GDC, Surankote	18, September, 2025	Still working	Contractual

RESEARCH INTERESTS & SPECIALIZATION

Plant Cytogenetics

Genetic profiling/genetic diversity and molecular markers.

Quantitative analysis of biochemicals using HPLC.

PROFESSIONAL COMPETENCIES AND SKILLS ACQUIRED

Molecular Biology techniques

Extensive experience in DNA extraction from different plant tissues, optimization and execution of different types of PCR.

Plant cytogenetics

Well versed with plant cytogenetic techniques with squash preparation and biochemical profiling.

Scientific Writing

I have excellent oral, written and scientific communication skills.

Managing skills

During my Ph.D tenure I have supervised several post-graduate students for their dissertation projects.

Data analysis

I have a good experience of working with R and Python and softwares like Rstudio, Jupyter lab, Past, MSEXcel, Poppene, STRUCTURE, MrBayes, Figtree, RAxML etc.

AWARDS/HONOURS/FELLOWSHIPS

1. Awardee of Senior Research Fellowship (SRF) in 2020 by Council of Scientific and Industrial Research (CSIR), Govt. of India, New Delhi.
2. Awardee of Junior Research Fellowship (JRF) in 2018 by Council of Scientific and Industrial Research (CSIR), Govt. of India, New Delhi.
3. Qualified NET-JRF with AIR Rank 50, exam conducted by CSIR-India in December 2016.
4. Qualified JKSET in 2016 exam conducted J&K SET Agency, University of Kashmir, J&K, India.

RESEARCH PUBLICATIONS

Papers published:

1. **Iqbal T and Sharma G (2023).** First detection of endopolyploidy in tapetal cells and chromosomal anomalies in meiocytes of *Viola pilosa* cytotypes (2n=20) from Pir Panjal (Himalayas). **Journal of Genetics 102 (19): 1-6**
2. **Devi A, Iqbal T, Wani IA, Sharma G, Verma S, Noureldeen A, Darwesh H (2022).** Assessment of variability among morphological and molecular characters in wild populations of mint [*Mentha longifolia* (L.) L.] germplasm. **Saudi Journal of Biological Sciences 29(5): 3528-3538.**
3. **Thakur S, Dut HC, Singh B, Sharma YP, Tashi N, Charak RS, Sharma G, Vidyarthi OP, Iqbal T, Singh B & Kumar K (2019).** Plant and fungi diversity of Devi Pindiyan valley in Trikuta hills of North Western Himalaya, India. **Journal of Threatened Taxa 11(14): 14827-14844**
4. **Jamwal R, Iqbal T and Sharma G (2021).** Distribution , morphology and utilization of medicinally important *Viola betonicifolia* SM. **The Journal of Indian Botanical Society. 101(3): 244-248**

Book chapters published:

- **Iqbal T and Sharma G (2020).** Distribution and utilization of *Viola pilosa* Blume in Jammu province; a medicinally important food plant. **DP Singh edited: A publication of Society of Human Resource and Innovation Agra (U.P) India. ISBN 978-81-946901-8-4**

CONFERENCES/SYMPOSIA/SEMINARS/WORKSHOPS/INVITED LECTURES

1. National Workshop on Research Methodology Course held on 24-25 May, 2018 organised by Department of Computer Science and IT, University of Jammu, Jammu.
2. “Workshop on Field Taxonomy” organised by Department of Ecology and Environment and Remote Sensing, J&K.
3. Presented a poster in International Conference on “Recent Advances in Interdisciplinary Sciences” organized by the Department of Electronics, University of Jammu in collaboration with IEEE EDS Delhi Chapter and IETE Jammu Centre. January 11-12, 2019.
4. “Two Day Regional Workshop on Biological Diversity Laws” organised by United Nations Development Programme in collaboration with The Law School, University of Jammu and the National Law School of India University, Bengaluru under the UNDP-GEF (Global ABS project) ~Strengthening Human Resources, Legal Frameworks and Institutional Capacities to implement the Nagoya Protocol held on 28th and 29th of November, 2019”.
5. Two invited lectures on “ Introduction to FOSS” and “Application of FOSS in General and Research in particular, held on 3rd December, 2018 at Department of Computer Science and IT, University of Jammu.
6. Attended workshop on pipetting: problems and solutions on 19th January 2021
7. Best paper award in Oral presentation in “International web conference on Smart agriculture for resource conservation and ecological stability” organized by Academy of Natural Resource conservation and Management, Lucknow (UP), on 29-31st October, 2021.
8. Oral presentation in Two day national seminar on “Plants and fungi-polyphasic characterization and bioprospection” organized by Department of Botany, University of Jammu, Jammu on 25-26th of March, 2022.
9. Worked as a member of organizing committee and attended Two day online workshop on “DNA isolation, diversity assessment and analysis using ISSR markers in plants” in Department of Botany, University of Jammu, under SERB Scientific Social Responsibility Policy on 11-12th, February, 2022.
10. Worked as member and attended one day SERB sponsored research facility training program for researchers on, “Diversity assessment in plants using cytological and molecular techniques” under SERB Scientific Social Responsibility policy organized in the department of botany on 14th March, 2022.