

FACULTY PROFILE



Name: Dr. Urvashi Tomar

Designation: Assistant Professor

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Professional Qualification:

- **Doctor of Philosophy** from the Department of Botany, University of Delhi in 2021.
- **Qualified CSIR-NET (CSIR, Life Science with rank 42 in Dec 2011).**
- **Master of Science** in Botany from University of Delhi with **72.6%** in 2012.
- **Bachelors of Science (Honours) Botany, Hansraj College** with **83.70%** (1st rank in College and 3rd rank in University of Delhi) in 2010.

Publications (Journals & Conferences):

- **Tomar, U., Baishya. R. (2020).** Seasonality and moisture regime control soil respiration, microbial activities, and soil microbial biomass carbon in semi-arid forest of Delhi, India. *Ecological Processes*. 9, 1-13 doi: 10.1186/s13717-020-00252-7. (Impact factor: 4.394)
- **Tomar, U., Baishya. R. (2019).** Moisture regime influence on soil carbon stock and carbon sequestration rates in semi-arid forests of the National Capital Region, India. *Journal of Forestry Research*. 13, 2323-2332. doi: 10.1007/s11676-019-01032-6. (Impact factor: 2.361)
- **Tomar, U., Baishya. R. (2017).** Land Use Changes and Soil Carbon Sequestration in Mitigation of Climate Change. *The Botanica*. 67: 87-93.

- Participated in an International Conference and presented research work titled “*Seasonal Dynamics of Soil Respiration and its Dependence on Temperature and Moisture in Semi-arid Forest Ecosystem of Delhi, NCT*” in “*XXVII Annual Conference of Indian Association for Angiosperm Taxonomy and International Symposium on Plant Systematics: Priorities and Challenges*” held at Department of Botany, University of Delhi, from November 10-12, 2017.
- Presented research work titled “*Effect of Different Moisture Regimes on Pool Size of Soil Carbon and Microbial Biomass Carbon in Semi-arid Ridges of Delhi*” and awarded best Poster Presentation Award in “*National conference of Plant Science Research: Looking Beyond 21st Century for Environmental and Agricultural Revolution*” held in Department of Botany, University of Delhi, from February 5-7, 2016.
- Presented research work titled “*Effect of Different Moisture Regimes on Soil Carbon Pool in Semi-arid Ridges of Delhi, NCT*” in “*Young Ecologist Talk and Interact*” held at Amity University, Noida from January 17-20, 2016.

Awards and Achievements

- Best Poster Presentation award in “*National conference of Plant Science Research: Looking Beyond 21st Century for Environmental and Agricultural Revolution*” held at Department of Botany, University of Delhi, from February 5-7, 2016.
- ***Dr. Shanti Prasad Jain Prize*** from Hansraj College, University of Delhi, for academic excellence in the University Examination held in April, 2010 [B.Sc. (Hon.) Botany, Third Year].
- ***Dr. Anita Sharma Memorial Prize*** from Hansraj College, University of Delhi, for academic excellence in the University Examination held in April, 2010 [B.Sc. (Hon.) Botany, Third Year].
- ***Systopic Scholarship*** from Hansraj College, University of Delhi, for academic excellence in the University Examination held in April, 2010 [B.Sc. (Hon.) Botany, Third Year].

- *Dr. Anita Sharma Memorial Prize* from Hansraj College, University of Delhi, for academic excellence in the University Examination held in April, 2009 [B.Sc. (Hon.) Botany, Second Year].
- *Certificate of Merit* from Hansraj College, University of Delhi, for 1st position in College and 3rd position in University of Delhi, in the Examination held in 2009-2010 in B.Sc. (Hons.) Botany.
- *Certificate of Merit* from Hansraj College, University of Delhi, for 1st position in College and 1st position in University of Delhi, in University Examination held in 2008-2009 in B.Sc. (Hons.) Botany, Second Year.
- First position in *Botanical Quiz* held at Hansraj College in B.Sc. (Hon.) Botany, Third Year.

Workshops/Seminars/FDPs

- Participated and successfully completed “**5-day-Face-to-Face UHV-II FDP**” organized by AICTE at SRM Institute of Science and Technology SRMIST, KTR, Tamil Nadu from 30th May to 3rd June 2023.
- Participated and successfully completed “**5-day Online UHV-I FDP**” on “Inculcating Universal Human Values in Technical Education” organized by AICTE from 20th February to 24th February 2023.
- Attended “*Skill enhancement Course on Application of Statistical Tools for Research*” conducted by Prof. T.R Rao (Retired faculty, University of Delhi) organised by Department of Botany, University of Delhi from August-December, 2017.
- Participated and attended “*National Seminar on Identifying and Avoiding publishing in Predatory journals: a Lesson of Researchers*” held at Department of Botany, University of Delhi on March 18, 2017.
- Participated in Training on Collaborative mini-course “*The fate of carbon in forest: A functional traits approach*” from July 25-26, 2016.

- Participated in workshop on “*Hands on training cum capacity building working for Photosynthesis assessment methods and data interpretation*” from February 9-28, 2015 with A grade.
- Participated in the “*Workshop on Research Metrics*” by the Research Council and Delhi University Library System, University of Delhi on February 26, 2015.

Work Experience:

- **Assistant Professor (Biology)** from 8th August 2022 to till date in Department of Science and Technology, SRM Institute of Science and Technology, Delhi NCR Campus, Modinagar, Ghaziabad
- **Assistant Professor (Guest faculty)** from May 2022 to August 2022 in J.C Bose University of Science and Technology, YMCA Faridabad.
- **Assistant Professor (Guest faculty)** from April 2021 to April 2022 at Acharya Narendra Dev College (University of Delhi).
- **Assistant Professor (Ad-hoc)** from Feb 2020 to April 2020 at Gargi College (University of Delhi).
- **Technical Assistant** from 2016-2017 at the Department of Botany (University of Delhi).

Professional Memberships:

- Member of Delhi University Botanical Society.