



# Miranda House

## UNIVERSITY OF DELHI

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**Name:** Priyanka Rathore

**Department:** Department of Botany

**Current Designation:** Assistant Professor

**Email id:** priyanka.rathore@mirandahouse.ac.in

**Academic Qualifications** (reverse chronological order):

**2021, Ph.D, Department of Botany, University of Delhi**

**2014, Master of Philosophy, Department of Botany, University of Delhi**

**2013, Master of Science, Department of Botany, University of Delhi**

**2011, Bachelor of Science with first class honours, Daulat Ram College, University of Delhi**

**Research Degree(s)** (reverse chronological order):

**2021, Ph.D, Department of Botany, University of Delhi**

Thesis: Identification and Characterization of Different Families of Retroelements and Study of Epigenetic Regulation of Apomixis Associated Retroelements in *Cenchrus ciliaris* L.

**2014 Master of Philosophy, Department of Botany, University of Delhi**

Thesis: *In-silico* identification and analysis of miRNAs arranged in tandem clusters in selected species of Brassicaceae

**Field of Specialization under the Subject/Discipline:** Plant Molecular Biology and Developmental Biology

**Teaching at Miranda House since:** January, 2022

**List of Publications**(reverse chronological order):

(Articles in referred/peer-reviewed/UGC Care journals/ Books/Book Chapters)



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1. **Rathore P**, Raina SN, Kumar S and Bhat V (2020). Retro-Element Gypsy-163 is Differentially Methylated in Reproductive Tissues of Apomictic and Sexual Plants of *Cenchrus ciliaris*. *Frontiers in Genetics*, 11:795. doi: 10.3389/fgene.2020.00795
2. **Rathore P**, Geeta R and Das S (2016). Microsynteny and phylogenetic analysis of tandemly organised miRNA families across five members of Brassicaceae reveals complex retention and loss history, *Plant Science*, 247:35-48

### Awards :

- 2018      **Newton-Bhabha PhD placement Award**  
            **Worked as ‘Visiting PhD Scholar’ at University of Leicester, United Kingdom**
- 2013      **Worked as JRF in a project “Molecular analysis of promoter elements associated with Brassica miRNA genes”**
- 2013      **CSIR UGC NET Lectureship**
- 2013      **Graduate Aptitude Test in Engineering (GATE) qualified**

### Membership Of Professional Bodies(reverse chronological order):

- 2013- present      Student member, Delhi University Botanical Society (DUBS)  
                            Life time membership

### Administrative Responsibilities(reverse chronological order):

#### Community Service

- Volunteered at 3<sup>rd</sup> National Conference of Seabuckthorn Association of India (2019)
- Volunteered at 27<sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy & International Symposium on “Plant Systematics: Priorities and Challenges” (2017)
- Volunteered at 55<sup>th</sup> annual flower show at University of Delhi (2013)

### Seminars/Workshops/Conferences attended (reverse chronological order):

- 2021      Repeat Explorer Workshop
- 2020      Webinar on “PLANT BIOLOGY: A JOURNEY FROM EARTH TO SPACE”
- 2019      3<sup>rd</sup> National Conference of Seabuckthorn Association of India



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- 2018 Certificate course for Basic Biostatistics
- 2018 National Symposium on Plant Biotechnology and 39th Annual meeting of Plant Tissue Culture Association
- 2017 27<sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy & International Symposium on “Plant Systematics: Priorities and Challenges”
- 2017 Identifying and Avoiding Publishing in Predatory Journals: A Lesson for Researchers
- 2017 International Conference on Technological Advancement for Sustainable Agriculture and Rural Development
  
- 2016 Next Generation Sequencing Workshop and Lectures
- 2015 IPR Sensitization Workshop
- 2014 Author Workshop on Understanding the Books and Journal Article Publishing Process