




## Faculty Details Proforma For College Web-site



<b>Title</b>	<b>Dr.</b>	<b>First Name</b>	<b>Priyanka</b>	<b>Last Name</b>	<b>Rathore</b>	<b>Photograph</b>
<b>Designation</b>	<b>Assistant Professor</b>					
<b>Address</b>	<b>Daulat Ram College University of Delhi Delhi-110007</b>					
<b>Mobile No.</b>	<b>9891760917</b>					
<b>Email - ID</b>	<b>priyanka@dr.du.ac.in</b>					
<b>Web Page</b>						
<b>Educational Qualification</b>						
<b>Degree</b>	<b>Institution</b>				<b>Year</b>	
Ph.D	University of Delhi				2021	
M.Phil	University of Delhi				2014	
M.Sc	University of Delhi				2013	
B.Sc (H) Botany	University of Delhi				2011	
<b>Career Profile</b>						
<p>I have done my Ph.D from Department of Botany, University of Delhi. Then, worked as Assistant Professor at Miranda House, University of Delhi. I was also a postdoctoral fellow at ICGEB, Delhi.</p>						
<b>Administrative Assignments</b>						
<p>Member of Editorial Board of Vashundhara, The Botanical Society, DRC</p>						
<b>Areas of Interest / Specialization</b>						
<p>Plant molecular biology, Epigenetics</p>						

<b>Molecular Biology, Ecology, Plant Metabolism, Plant physiology and metabolism, Economic Botany</b>
<b>Research Guidance</b>
Nil
<b>Publications Profile</b>
<ul style="list-style-type: none"> <li>• <b>Rathore P</b>, Schwarzacher T, Heslop-Harrison J.S., Bhat V., &amp; Tomaszewska P. (2022). The repetitive DNA sequence landscape and DNA methylation in chromosomes of an apomictic tropical forage grass, <i>Cenchrus ciliaris</i>. <b>Frontiers in plant science</b>, 13, 952968. <a href="https://doi.org/10.3389/fpls.2022.952968">https://doi.org/10.3389/fpls.2022.952968</a></li> <li>• <b>Rathore P</b>, Raina SN, Kumar S and Bhat V (2020). Retro-Element Gypsy-163 is Differentially Methylated in Reproductive Tissues of Apomictic and Sexual Plants of <i>Cenchrus ciliaris</i>. <b>Frontiers in Genetics</b>, 11:795. doi: 10.3389/fgene.2020.00795</li> <li>• <b>Rathore P</b>, 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, <b>Plant Science</b>, 247:35-48</li> <li>• Rajpal VR, <b>Rathore P</b>, Mehta S, Wadhwa N, Yadav P, Berry E, Goel S, Bhat V and Raina SN (2022). Epigenetic variation: A major player in facilitating plant fitness under changing environmental conditions. <b>Frontiers in Cell and Developmental Biology</b> 10:1020958. doi: 10.3389/fcell.2022.1020958</li> </ul>
<b>Conference Organization / Presentation (in the last three years)</b>
<b>Research Projects (Major Grants/Research Collaboration)</b>
<b>Awards and Distinctions</b>
2022 <b>National Postdoctoral Fellowship at ICGEB, New Delhi, India</b>
2021 <b>ICGEB Postdoctoral Fellowship, Cape Town, South Africa (Not availed)</b>
2018 <b>Newton-Bhabha PhD placement Award at University of Leicester, UK</b>
<b>Association with Professional Bodies</b>
<b>Other Activities</b>
<ul style="list-style-type: none"> <li>▪ Volunteered at 3<sup>rd</sup> National Conference of Seabuckthorn Association of India (2019)</li> <li>▪ Volunteered at 27<sup>th</sup> Annual Conference of Indian Association for Angiosperm Taxonomy &amp; International Symposium on “Plant Systematics: Priorities and Challenges” (2017)</li> <li>▪ Volunteered at 55<sup>th</sup> annual flower show at University of Delhi (2013)</li> <li>▪ Life time membership, Delhi University Botanical Society (DUBS)</li> </ul>