




## Shivaji College Faculty Details Proforma

<b>Title</b>	Dr.	<b>First Name</b>	Seema	<b>Last Name</b>	Talwar	<b>Photograph</b>
<b>Designation</b>	Assistant Professor					
<b>Address</b>	17/273, Street no. 3A, New Defence Colony, Muradnagar (Ghaziabad)					
<b>Office Phone No.</b>	011-25116644					
<b>Residence</b>						
<b>Mobile</b>						
<b>Email</b>	seematalwar@shivaji.du.ac.in					
<b>Web-Page</b>						
<b>Educational Qualifications</b>	Ph.D.					
<b>Degree</b>	<b>University/Institute</b>			<b>Year</b>		
Ph.D.	University of Delhi			2009		
M.Phil./M.Tech.						
PG	Ch. Charan Singh University			2002		
UG	Ch. Charan Singh University			2000		
<b>Any Other Qualification</b>						
<b>Career Profile</b>						
<p>I have been working in Shivaji College since August 2009.</p>						

<b>Administrative Assignments</b>
<p>Worked in various committees such as Admission committee, Garden committee, Cultural committee, Eco-Club, Remedial Cell, Library Committee and NAAC (Head of criterion II)</p>
<b>Areas of Interest/Specialisation</b>
<p><b>Reproductive Biology, Biodiversity, Ecology and Plant Physiology</b></p>
<b>Subjects Taught</b>
<p><b>Biodiversity, Plant Anatomy, Reproductive Biology of Angiosperms, Ecology and Evolution, Plant Physiology and Metabolism.</b></p>
<b>Innovation Project/Research Projects (Major Grants/Research Collaboration)</b>
<ul style="list-style-type: none"> <li>• Application of Biocontrol Agents and Herbal Oils on Wheat Crop Against Fungal Disease (<i>Fusarium</i>) funded by University of Delhi, under the scheme of Innovation Project, 2015.</li> <li>• Impact of Elevated Temperature on the Seed Germination of Medicinal plants (<i>Catharanthus roseus</i> and <i>Trigonella foenum-graecum</i>) by College Research and Innovation Cell, Shivaji College, University of Delhi, Delhi.</li> </ul>
<b>Publications Profile (Research Papers/Books)</b>
<ul style="list-style-type: none"> <li>• <b>Talwar S</b>, Bamel K, Prabhavathi V and Mal A 2022. Effect of high Temperature on Reproductive Phase of Plants: a review. Nature Environment and Pollution Technology; 21(4): 1887-1892.</li> <li>• <b>Talwar S</b>, Bamel K, Prabhavathi V 2023. Impact of Elevated Temperature and Carbon dioxide on Seed Physiology and Yield. Plant Science Today. <a href="https://doi.org/10.14719/pst.2059">https://doi.org/10.14719/pst.2059</a></li> <li>• <b>Talwar S</b>, Mondal N, K Gaurav, Mathur P and Bhardwaj S 2022. Antifungal Activity of Clove, Neem and Peppermint Oils against <i>Fusarium graminearum</i>. Research Journal of Agricultural Science; 13(4): 962–965. ISSN: 0976-1675 (P), ISSN: 2249-4538 (E).</li> </ul>
<b>Conference/Seminar/Faculty Development Programme/Workshop</b>

- Successfully completed online Inter-Disciplinary two-week Refresher Course in “Managing Online Classes & Co- creating MOOCS” from 07 – 21 October, 2023 and obtained Grade A+ from Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) In collaboration with Deva Matha College, Kuravilangad, (Accredited Grade 'A' by NAAC) Affiliated to Mahatma Gandhi University, Kottayam under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.
- Successfully completed a 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from 22 October – 20 November, 2023 and obtained Grade A+ from Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) In collaboration with KM. MAYAWATI GOVT GIRLS P G COLLEGE Badalpur, GB Nagar, Uttar Pradesh under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

**Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)**

NA

**Awards and Distinctions**

NA

**Memberships**

**Other Academic Activities**

- Served as Resource Person for the Summer Training Programme on Conservation and Utilization of Medicinal Plants organized by the Department of Botany, Shivaji College under the aegis of DBT star College Scheme from June 12 to June 20, 2023.
- Resource Person in the four week summer training on “Innovative Natural Resource Management Technologies for Youth”, delivering a talk on “Technologies for Biodiversity Conservation” organized by Department of Botany, Shivaji College, University of Delhi on June20-July 18, 2022.
- Resource Person in the Intra-College Laboratory Skill Training Programme for Assistants/ Attendants in Chemical and Life Sciences, organized by Shivaji College, University of Delhi on April 19-25, 2022.

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**Cultural/Extracurricular Activities**

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**Signature of Faculty Member**