




# Shivaji College Faculty Details

## Proforma\*

(\*Some of the important details has been given here.)

Title	Dr.	First Name	Pratima	Last Name	Rani Sardar	Photograph
<b>Designation</b>		<b>Assistant Professor</b>				
<b>Address</b>		Department of Botany Shivaji College University of Delhi New Delhi				
<b>Office Phone No.</b>		011-25116644				
<b>Residence</b>		Dwarka, New Delhi				
<b>Mobile</b>		9971987997				
<b>Email</b>		pratimasardar07@gmail.com				
<b>Web-Page</b>						
<b>Educational Qualifications</b>		M.Sc. , Ph.D.				
<b>Degree</b>		University/Institute				
<b>Ph.D.</b>		University of Delhi				
<b>M.Phil./M.Tech.</b>		-				
<b>PG</b>		Hindu College, University of Delhi				
<b>UG</b>		Hindu College, University of Delhi				
<b>Any Other Qualification</b>		CSIR-JRF NET				
<b>Career Profile</b>						

**Working as Assistant Professor in Shivaji College, University of Delhi, New Delhi.**

**Administrative Assignments**

- Appointed as **Member in the Governing Body of the College.**
- Acted as **In-charge for NCC Girls** in the College for a period of about two years.
- Discharging responsibilities as Member of the Sports Committee.
- Discharge responsibilities as Superintendent Examinations
- Acted as **Teacher In-charge** of the Department of Botany,
- Admission Incharge, Department of Botany
- Admission Incharge for Life Sciences
- Member, Eco -Club
- Member, Women Development Cell

**Areas of Interest/Specialisation**

**Ecology and Environmental Management, Plant Physiology.**

**Subjects Taught**

Ecology.Environmental Management,Plant Physiology, Cell Biology, Economic Botany, Genetics, Microbiology, Plant Diversity, Plant Metabolism, Plant Anatomy and Embryology, Plant Biotechnology etc

**Innovation Project/Research Projects (Major Grants/Research Collaboration)**

NA

**Publications Profile (Research Papers/Books)**

- Chetri S.K, **Sardar P.R**, Agrawal V, Micropropagation and Validation of genetic and biochemical fidelity amongst regenerants of *Cassia angustifolia* Vahl employing RAPD marker and HPLC, *Physiology and Molecular Biology of Plants* 20(4): 517-526.
- Agrawal,V. and **Sardar, P.R**, *In vitro* regeneration through somatic embryogenesis and organogenesis using cotyledons of *Cassia angustifolia* Vahl.- *In Vitro Cell. Dev.Bio.- Plant.*43:585-592.
- *In vitro* propagation of *Cassia angustifolia* through leaflet and cotyledon derived calli. - Agrawal,V. and **Sardar, P.R.**, *Biol.Plant.*50(1):118-122.

#### **Conference/Seminar/Faculty Development Programme/Workshop**

- **National Conference on Climate Change: Impacts, Adaptations, Mitigation Scenario and Future Challenges in Indian Perspective, Department of Botany, Organized by Deen Dayal Upadhyay College, University of Delhi, March 2-3, 2015.**
- **88 Annual Meeting (2000-2001) of Indian Congress Association held in New Delhi.**
- **2 International Congress of Plant Physiology on sustainable plant productivity under changing environment, New Delhi.**
- **International Conference on Trends in Cellular and Molecular Biology, Jawaharlal University, New Delhi.**
- **Conference on New Development in Rapeseed-Mustard, University of Delhi, held on January, 21, 2006 in New Delhi.**
- **International conference on Applied Phycology "Algae in Biotechnology and Environment", University of Delhi held on February, 14-15, 2006.**

#### **Papers/ Poster Presented in Conferences / Symposia:**

- **Recurrent somatic embryo production through long term cultured agametophytic tissue of jojoba-International Conference on Trends in Cellular and Molecular Biology, JawaharLal University.**
- **P R Sardar, D Yadav, V Agrawal, "Impact of Tourism in Himalayan Mountain Regions", abstract sent in upcoming Ist Himalayan Conclave -2015.**
- **D Yadav, P R Sardar (2015), "Climate Change Indicators in Himalayan Region", abstract sent in upcoming Ist Himalayan Conclave-2015.**
- **S Talwar, P R Sardar, V Kumar, D Yadav, (2015), "Effects of Lead (Pb) on Human Health", abstract sent in Upcoming National Symposium on Environmental Contamination and Public Health.**

#### **Workshop/ Courses Attended:**

- **Attended 10 day ILL- Microsoft Corporation Training Programme held from**

31.08.2009 to 11.09.2009-“Workshop on Developing Champions of ICT Capacity Building in DU”.

- Participated in UGC sponsored Refresher Course in Environmental Studies conducted by the Centre for Professional Development in Higher Education (UGC-ASC) Institute of Lifelong Learning, University of Delhi.
- Participated in the UGC-Sponsored Orientation Programme conducted by the Centre for Professional Development in Higher Education (UGC-ASC) Institute of Lifelong Learning, University of Delhi.
- Participated conducted by the Centre for Professional Development in Higher Education, University of Delhi.

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

NA

**Awards and Distinctions**

- Qualified Joint CSIR-UGC NET, Council of Scientific and Industrial Research (CSIR) – University Grant Commission (UGC) National Eligibility Test (NET) for JRF and Lecturership.
- CSIR-JRF, Junior Research Fellowship from CSIR

**Memberships**

Life member of Delhi University Botanical Societies.

**Other Academic Activities**

Convener for a collaborative workshop on “Environmental Pollution and Health in Urban Ecosystems”, organised by Department of Botany, Shivaji college and Department of Environmental Studies, North Campus , University of Delhi at Department of Environmental Studies, North Campus (D U), 2016.

Member Organising Committee, for National Workshop on “Emerging Pollution Challenges on Earth Ecosystems-SAFAR, Indias Novel Initiative( Sponsoed by Ministry of Earth Sciences), Organised by Environmental Pollution Laboratory, Department of Environmental Studies MOES, University of Delhi, Delhi, 2019.

#### **Cultural/ Extracurricular Activities**

- Organized excursion on pollution control aspects and biodiversity study.
- Associated with different cultural activities of the college.
- Organized visits for students to Department of Microbiology and Blue Green Algae Division at IARI, Delhi.
- Organized visits for students to Yamuna Biodiversity Park.

**Signature of Faculty Member**