




Shivaji College Faculty Details Proforma

Title	First Name	Last Name	Photograph
Dr.	Seema	Talwar	
Designation	Assistant Professor		
OfficePhone No.	135 Thapar Nagar, Street no. 3, Meerut 250001 011-25116644		
Residence			
Mobile			
Email	seematalwar2014@gmail.com		
Web-Page			
Educational Qualifications	Ph.D.		
Degree	University/Institute	Year	
Ph.D.	University of Delhi	2009	
M.Phil./M.Tech.	NA		
PG	Chaudhary Charan Singh University, Meerut	2002	
UG	Chaudhary Charan Singh University, Meerut	2000	
Any Other Qualification			
Career Profile			
<p>I have been working as an Assistant Professor (Ad-Hoc) in the Department of Botany, Shivaji College, University of Delhi, Delhi since 1 August 2009- till date.</p>			
Administrative Assignments			

Worked actively in cultural committee, admission committee and garden committee
Contributed in organising Departmental fest and workshop

Areas of Interest/Specialisation

Reproductive Biology

Subjects Taught

Plant Anatomy, Embryology, Biodiversity (Phycology, Mycology, Archegoniatae)

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

Application of Biocontrol Agents and Herbal Oils on Wheat Crop Against Fungal Disease (*Fusarium*) funded by University of Delhi, under the scheme of Innovation Project, 2015.

Publications Profile (Research Papers/Books)

- Talwar S and Bhatnagar AK 2014. Pollination biology of *Terminalia chebula* Retz. in Delhi and Western Ghats. International Journal of Plant Reproductive Biology 6 (2): 181-194.
- Talwar S 2014. E-Lesson prepared under MHRD project “National Mission on Education through ICT on “Secondary Xylem” for Institute of Life Long Learning University of Delhi. (ISSN 2349-154X)
- Mal A and Talwar S 2015. E- Lesson prepared on “Embryo-Endosperm Relationship” for Institute of Life Long Learning, University of Delhi. (ISSN 2349-154X)
- Mal A and Talwar S 2015. E- Lesson prepared on “Embryo” for Institute of Life

Long Learning, University of Delhi. (ISSN 2349-154X)

- Talwar S, Tayal P, Kumar S and Bamel K 2015. "Climate Change: A Threat to Biodiversity". In: Proceedings of National Conference on "Climate Change: Impacts, Adaptation, Mitigation Scenario and Future challenges in Indian Perspective" organized by Department of Botany, Deen Dayal Upadhyaya College, University of Delhi on 2-3 rd March, 2015
- Prabhavathi V, Bamel K and Talwar S 2016. Polyamines Role in Transgenic Plants. Contemporary Plant Science 2(1): 4-12. (ISSN 2393-8676).
- Talwar S, Mondal N, Mathur P and Bhardwaj S 2016. "Clove Oil: as Biocontrol Agent" In: Proceedings of II International Conference on "Public Health: Issues, challenges, opportunities, prevention, awareness (Public Health 2016) " organized by Krishi Sanskriti, Jawahar Lal Nehru University, Delhi on 21st May (ISBN: 978-93-85822-17-9).
- Talwar, S., Mondal, N., and Bhardwaj, S. 2016. Air Pollutants and their Effects on Plants and human Health. International Journal of Basic and applied biology, 3(4), 238-241. (p-ISSN 2349-5820, e-ISSN 2349-5839).
- Talwar, S., Bamel, K., and Prabhavathi, V., 2016. Mobile Phone: A New Environmental Threat In: Environmental Concerns of 21 st Century: Indian and Global Context volume II. Book Age Publications. pp 59-74.

Conference/Seminar/Faculty Development Programme/Workshop

- Attended National conference on Challenges and Strategies to Improve Crop Productivity in changing Environment: an integrated approach organized by Zakir Hussain Delhi College, University of Delhi, Delhi on 12th January 2018.
- Attended the Innovation Conclave - 2016 organized by Acharya Narendra Dev College, University of Delhi, Delhi on 25-26th October, 2016.
- Attended 2nd International Conference on "Public Health: Issues, challenges, opportunities, prevention, awareness (Public Health 2016) " organized by Krishi Sanskriti, Jawahar Lal Nehru University, Delhi on 21st May 2016.
- Attended the "National Seminar on Water and Air quality in Urban Ecosystem"

organized by Eco Club, Shivaji College, University of Delhi on 22nd March, 2016.

- “National Conference on Environmental Concerns of 21st century: Indian and Global Context” organized by Department of Environmental Studies, Zakir Hussain College (Evening), University of Delhi on 21-22 nd March, 2016.
- “National Symposium on Lifestyle Disorder Understanding the Molecular Mechanism” organized by Department of Biochemistry, Shivaji College, University of Delhi on 28-29th January, 2016.
- Attended the workshop on “Reproductive Biology of Angiosperms” organized by Institute of Lifelong Learning, UDSC and Department of Botany, Dyal Singh College, University of Delhi on 16-17th March, 2015.
- Attended the National Conference on “Climate Change: Impacts, Adaptation, Mitigation Scenario and Future challenges in Indian Perspective” organized by Department of Botany, Deen Dayal Upadhyaya Collge, University of Delhi on 2-3 rd March, 2015.
- Attended the National Seminar on “Relevance of Medicinal Plants in 21st Century” organized by Ramjas College, University of Delhi, on 10-11th February 2015.
- Attended the International Symposium on “Conservation and Management of Pollinators for Sustainable agriculture and Ecosystem Services”, organized by V Sivaram Research Foundation on 24-26th September, 2014.

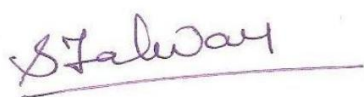
Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

Awards and Distinctions

Memberships
Other Academic Activities
Cultural/Extracurricular Activities
<ul style="list-style-type: none">• Resource Person in the workshop for Laboratory Assistants/ Attendants in Chemical and Life Sciences, organized by Shivaji College, University of Delhi on July 10th - 15th, 2017.• Resource Person in the INSPIRE Science Camp, organized by Shivaji College, University of Delhi on December 19th-23rd, 2016.• Resource Person in the workshop for Laboratory Assistants/ Attendants in Chemical and Life Sciences, organized by Shivaji College, University of Delhi on June 10th - 15th, 2016.• Resource Person in the INSPIRE Science Camp, organized by Shivaji College, University of Delhi on December 19th-23rd, 2015.• Member of the Event Management Group of the One Day Workshop “Ankuran” on development of Herbal Garden organized by e-Saviours, Eco Club, Shivaji College, University of Delhi on January 29th, 2015.• Resource Person in the workshop for Laboratory Assistants/ Attendants in Chemical

and Life Sciences, organized by Shivaji College, University of Delhi on July 16-18th, 2014.

- Member of the Event Management Group of the National Symposium on “Frontiers and Avenues in Plant Sciences” organized by Department of Botany, Shivaji College, University of Delhi on January 20-21th , 2011.
- Member of the Event Management Group of the National Conference on “Wetlands, Science and Society – An Assessment of their Integration” organized by the Delhi University Botanical Society on December 11-13, 2007.
- Member of the Event Management Group of the National Conference on Biodiversity Related International Conventions: Role of Indian Scientific Community organized by the Delhi University Botanical Society on March 8-10, 2006.
- Member of the Event Management Group of the National Seminar on “Genetically Modified Organisms – Biosafety Aspects” organized by the Delhi University Botanical Society on March 10-11, 2005.
- Member of the Event Management Group of the National Seminar on Climate Change and its Impact on Plant Diversity and Productivity organized by the Delhi University Botanical Society on December 2003.



Signature of Faculty Member