




Shivaji College Faculty Details Proforma

Title	Dr.	First Name	Misha	Last Name	Yadav	Photograph
Designation	Assistant Professor					
Address	Department of Botany, Shivaji College, University of Delhi, Ring Road, Raja Garden, Delhi - 110027					
Office Phone No.	011 25191458					
Residence						
Mobile						
Email	Dr.mishayadav@gmail.com					
Web-Page						
Educational Qualifications	M.Sc., Ph.D.					
Degree				University/Institute	Year	
Ph.D.	Department of Botany, University of Delhi				2011	
M.Phil./M.Tech.						
PG	Miranda House, University of Delhi				2006	
UG	Daulat Ram College, University of Delhi				2004	
Any Other Qualification	CSIR-JRF/SRF-NET				2006	
Career Profile						
Working as Assistant Professor in Delhi University since 2011						
Administrative Assignments						

Areas of Interest/Specialisation

Plant Physiology and Biochemistry, Botany

Subjects Taught

Plant Physiology and Metabolism
 Biodiversity
 Plant Anatomy
 Economic Botany
 Biostatistics
 Plant Biotechnology
 Mycology and Phytopathology
 Industrial and Environmental Microbiology
 Genetics
 Cell Biology

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

Innovation project 'A comparative chemical analysis of commercially available edible oils for their efficacy for human consumption, using defined parameters' (SHC-310) sanctioned by University of Delhi, during year 2015-2016, as Principal Investigator (PI).

The project work was selected for 'Research Display at the Convocation ceremony' held on November 19, 2016 and was also awarded Certificate for 'Most Significant Societal Impact'

Publications Profile (Research Papers/Books)

1. Authored chapter entitled 'Lipid Metabolism' under MHRD project 'National Mission on Education through Information Communication technology (NME-ICT)' for Institute of Life Long Learning, University of Delhi (e-book chapter) in year 2016.
2. Yadav M, Tripathi S and Yadav D (2016) Trap Cropping: An organic pest control management method. Contemporary Plant Science Volume 2, pp 1-3 (ISSN: 2393-8676)
3. Developed e-content entitled 'Concept of Metabolism' for undergraduate course, for MHRD project 'National Mission on Education through Information Communication technology (NME-ICT)' for Institute of Life Long Learning (e-book chapter) in year 2015.
4. Yadav M and Bhatla SC (2015) Photomodulation of fatty acid composition and lipoxygenase activity in sunflower seedling cotyledons. Acta Physiologia Plantarum. DOI 10.1007/s11738-015-1891-y. ISSN: 0137-5881 (Print) 1861-1664 (electronic version).
5. Yadav MK and Bhatla SC (2011) Localization of lipoxygenase activity on oil bodies and in protoplasts using a novel fluorescence imaging method. Plant Physiology and Biochemistry 49: 230-234. ISSN: 0981-9428
6. Bhatla SC, Kaushik V and Yadav MK (2010) Use of oil bodies and oleosins in recombinant protein production and other biotechnological applications. Biotechnology Advances 28: 293-300. ISSN: 0734-9750

7. Kaushik V, Yadav MK and Bhatla SC (2010) Temporal and spatial analysis of lipid accumulation, oleosin expression and fatty acid partitioning during seed development in sunflower (*Helianthus annuus* L.). *Acta Physiologiae Plantarum* 32: 199-204. ISSN: 0137-5881

Conference/Seminar/Faculty Development Programme/Workshop

1. Participated in Lecture Workshop on “Women in Science: A career in Science” organized by Science Foundation, Deen Dayal Upadhyaya College, University of Delhi, supported by Women in Science Panel, Indian Academy of Sciences, Bangalore, held on August 10-11, 2017.
2. Participated in National Workshop on Biostatistics organized by Department of Botany in association with Department of Mathematics, Zakir Husain Delhi College, University of Delhi, held on March 9-10, 2017
3. Participated in National workshop on ‘Medicinal Botany and Drug Discovery’ organized by Ramjas College (under the aegis of DBT STAR COLLEGE) University of Delhi, on January 30-31, 2017
4. Participated in National Workshop ‘Training the Trainers: IPR Workshop’ organized by IPR Chair and CIC-CSEC in collaboration with Ramjas College, University of Delhi, held on August 10-11, 2016
5. Participated and co-presented poster titled ‘Recycling of Waste Edible Oil – Promising Approach for Greener Environment’ in National Conference in Chemistry: Environment & Harmonious Development (NCC – 2016) organized by Dyal Singh College, University of Delhi, held on 7-8 April 2016.
6. Participated and co-presented poster titled ‘Biofuel: A greener approach from waste to wealth’ in the “National Seminar on Water and Air Quality in Urban Ecosystem” organized by Eco-Club, Shivaji College, University of Delhi on March 22, 2016.
7. Participated and co-presented a poster titled ‘Edible Oil Consumption Trends and Associated Health Implications’ in the “National symposium on Lifestyle Disorders: understanding the molecular mechanisms” organized by Department of Biochemistry, Shivaji College on January 28-29, 2016.
8. Participated and Presented a poster titled ‘Significance of nutraceutically balanced edible oil selection to avoid cardiovascular and other ailments’ in International Conference on ‘Public Health: Issues, challenges, opportunities, prevention and awareness’ (Public Health: 2016) organized by Daulat Ram College, University of Delhi and Krishi Sanskriti, Delhi, on January 15-16, 2016.

9. Participated and presented poster in 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 March 2-3, 2015.
10. Participated in National Seminar on 'Relevance of Medicinal Plants in 21st Century' organized by Department of Botany, Ramjas College, University of Delhi on February 10-11, 2015
11. Participated and presented poster in National Seminar on 'New Frontiers in Plant Sciences and Biotechnology' organized by Department of Botany, Goa University, Goa on January 29-30, 2015.
12. Participated in Faculty Development Program on 'Modern Research Methods and Data Analysis Tools' organized by Maharaja Agrasen Institute of Management Studies, Rohini, Delhi, held on 17-18 October 2014.
13. Participated in 1st International conference on 'Emerging Trends of Nanotechnology in Drug Discovery' jointly organized by Sri Venkateshwara College and Department of Biochemistry, University of Delhi South Campus in association with Centro de Quimica da Madeira, University of Madeira Portugal, held on May 26-27 2014.
14. Participated in International Symposium on 'Plant Signaling and Behavior' held at Department of Botany, University of Delhi on 7-10 March 2014.
15. Participated in National Conference on 'Advances in Environmental Sciences and Plant Biotechnology' organized by Deen Dayal Upadhyaya College, University of Delhi, held on 4-5 February 2013.
16. Participated in 7th Indo-Italian Workshop on 'Chemistry and Biology of Antioxidants' organized by the Department of Chemistry, University of Delhi on 16 November 2010.
17. Participated in 9th Annual International Conference RGCON-2010 organized by Rajiv Gandhi Cancer Institute & Research Centre, Delhi on 26-28 March 2010.
18. Participated in the first INDO-DANISH DU-SDU Seminar on 'Emerging Trends in Interfacial Areas of Chemical, Biological and Environmental Sciences' organized by Department of Chemistry, University of Delhi and Department of Physics and Chemistry, University of Southern Denmark held on 17-18 March 2008. Received 2nd Best Poster Award for the same.
19. Participated in National Seminar on 'Current Trends in Plant Sciences' organized by Delhi University Botanical Society, Department of Botany, University of Delhi on 15-16 February 2007.
20. Participated in National Seminar on 'Relevance of Botany in the Conservation and Improvement of Plants' organized by Delhi University Botanical Society, Department of Botany, University of Delhi on 8-9 February 2006.

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

Awards and Distinctions

1. **CSIR- NET JRF** conducted by Council of Scientific and Industrial Research (CSIR), Delhi, 2005.
2. **University Post Graduate Scholarship**, Delhi University, 2005-2006.
3. **University Post Graduate Scholarship**, Delhi University, 2004-2005.
4. **Laksmi Krishnaswami Prize**, Miranda House, Delhi University, 2006.
5. **Certificate of Merit**, Miranda House, Delhi University, 2004-2005.
6. **University Medal**, Delhi University, 2004.
7. **Science Meritorious Award**, Delhi University, 2003-2004.
8. **Daulat Ram College Teacher's Instituted Prize**, Daulat Ram College, Delhi University, 2003-2004.
9. **Certificate of Merit**, Daulat Ram College, Delhi University, 2003-2004.
10. **Certificate of Merit**, Daulat Ram College, Delhi University, 2003-2004.
11. **Science Meritorious Award**, Delhi University, 2002-2003.
12. **Silver Jubilee Merit Scholarship**, Daulat Ram College, Delhi University, 2002-2003.
13. **Certificate of Merit**, Daulat Ram College, Delhi University, Delhi, 2002-2003.
14. **Science Meritorious Award**, Delhi University, 2001-2002.
15. **Silver Jubilee Merit Scholarship**, Daulat Ram College, Delhi University, 2001-2002.
16. **Shri Asha Nanda Memorial Silver Medal**, Daulat Ram College, Delhi University, 2001-2002.
17. **Certificate of Merit**, Daulat Ram College, Delhi University, 2001-2002.

Memberships

Delhi University Botanical Society

Other Academic Activities

1. Resource person in the Workshop 'Lab Skill Training Workshop for Laboratory Assistants/Attendants in Chemical and Life Sciences' organized by Shivaji College, University of Delhi, from July 10-14, 2017.
2. Resource person in the INSPIRE (Innovation in Science Pursuit for Inspired Research) Science Camp organized by Shivaji College, University of Delhi, on December 14-18, 2016
3. Resource person for Technical Session II of Interdisciplinary Workshop 'Sharing Science, Rising Together: Workshop for Faculty of Sciences' organized by Department of Botany, Shivaji College, University of Delhi, on October 1, 2016
4. Resource person in the Workshop 'Lab Skill Training Program for Laboratory Assistants/Attendants in Chemical and Life Sciences' organized by Shivaji College, University of Delhi, from 31 May to 3 June 2016.

5. Member, Organizing Committee, for Workshop 'Ankuran' on 'Development of Herbal Garden' organized by Eco-Club of Shivaji College, University of Delhi held on January 29, 2015.
6. Resource person in the Workshop for Laboratory Assistants/Attendants in Chemical and Life Sciences, organized by Shivaji College, University of Delhi from 16-18 July, 2014
7. Member of Core Organizing Committee for 'National Conference on Advances in Environmental Sciences and Plant Biotechnology' organized by Deen Dayal Upadhyaya College, University of Delhi, held on 4-5 February 2013.
8. National Seminar on 'Current Trends in Plant Sciences' organized by Delhi University Botanical Society, Department of Botany, University of Delhi on 15-16 February 2007.
9. National Seminar on 'Relevance of Botany in the Conservation and Improvement of Plants' organized by Delhi University Botanical Society, Department of Botany, University of Delhi on 8-9 February 2006.

Cultural/Extracurricular Activities

Active Member of
Internal Assessment Committee
Student Advisory Committee
Eco-Club, Shivaji College.

In past was member of Counselling Committee, Student Advisory Committee, Eco-Club and Garden Committee

Signature of Faculty Member