




Shivaji College Faculty Details Proforma

Title	Dr.	First Name	Divya	Last Name	Mohanty	Photograph
Designation		Assistant Professor				
Address		P-22, Budh Vihar Phase-I Delhi - 110086				
Office Phone No.						
Residence						
Mobile		+91-9810848968				
Email		divyamohanty13@gmail.com				
Web-Page						
Educational Qualifications		B.Sc. (H) Botany, M.Sc. Botany, Ph.D. Botany				
Degree		University/Institute			Year	
Ph.D.		Department of Botany, University of Delhi			2016	
M.Phil. / M.Tech.		-				
PG		Hindu College, University of Delhi			2010	
UG		Daulat Ram College, University of Delhi			2008	
Any Other Qualification		CSIR-JRF Qualified, INSPIRE Fellow			2010	
Career Profile						
<p>Completed schooling from Delhi Public School, Mathura Road (2005). Secured position amongst the top 10 ranks in B.Sc. (H) Botany at Delhi University and held First position in Daulat Ram College for all three years of graduation (2008). Gold medallist of M.Sc. Botany, Delhi University (2010). Awarded Junior Research Fellowship (JRF) under Council of Scientific and Industrial Research fellowship scheme selected through Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET) (June 2010). Selected as INSPIRE Fellow (IF-10483) by the Ministry of Science and Technology, Department of Science and Technology, Government of India and thereafter awarded INSPIRE Junior Research Fellowship (JRF) and INSPIRE Senior Research Fellowship (SRF) during Ph.D. tenure. Working as Assistant Professor (on ad-hoc basis) in Shivaji College, Raja Garden, University of Delhi, Delhi - 110027 since January 2016.</p>						
Administrative Assignments						
NA						

<p>Areas of Interest/Specialisation</p> <ul style="list-style-type: none"> • Plant Reproductive Biology • Plant Molecular Biology • Crop Breeding and Improvement • Plant Biotechnology and Tissue Culture • Plant Systematics
<p>Subjects Taught</p> <ul style="list-style-type: none"> • Biodiversity, Plant Ecology and Taxonomy, Biofertilizers, Plant Systematics, Plant Anatomy and Embryology, Economic Botany and Biotechnology, Plant Physiology and Metabolism, Bioinformatics, Genetics and Genomics, Functional Plant Biology, Ecology and Environmental Management, Cell and Molecular Biology, Analytical Techniques in Plant Sciences.
<p>Innovation Project/Research Projects (Major Grants/Research Collaboration)</p> <ul style="list-style-type: none"> • Industrial Waste Utilization for Microbial Fuel Production (SHC-305) funded by University of Delhi, under the scheme of Innovation Project, 2015.
<p>Publications Profile (Research Papers/Books)</p> <p>Research Articles</p> <ul style="list-style-type: none"> • Singh VK, Barman C, Mohanty D, Tandon R. 2018. Relative contribution of reproductive attributes to the density- dependent effects on fruit set. <i>AoB Plants</i> 10(2): ply019. ISSN:2041-2851. • Mohanty D, Chandra A, Tandon R. 2016. Floral biology and reproductive attributes of six cultivated accessions of pigeonpea. <i>International Journal of Plant Reproductive Biology</i> 8(2): 158-165. ISSN Print: 0975-4296; ISSN Online: 2249-7390. • Baweja R, Kapur A, Mohanty D, Girdhar G, Panwar P, Ishender, Tarushi, Twinkle, Priyanka, Pratibha, Anjali, Divyanka. 2016. Analysis of food industrial effluent for the production of microbial fuel cell. <i>Proceedings of the National Seminar on water and air quality in urban ecosystem</i>. e-ISSN: 2394-157X, ISBN: 978-93-5267 <p>Book Chapters</p> <ul style="list-style-type: none"> • Mohanty D, Chandra A, Tandon R. 2016. Germline Transformation for Crop Improvement. In: Raina SN, Rama Rao S, Rajpal VR (eds.). <i>Molecular breeding for sustainable crop improvement (Vol 2)</i>, pp. 343-395. Springer International Publishing AG, Cham, Switzerland. ISSN: 2352-474X. • Singh VK, Mohanty D, Barman C, Tandon R. 2015. Plant-Pollinator-Robber Interaction. In: Sinu PA, Shivanna KR (eds.). <i>Mutualistic interaction between flowering plants and animals</i>. Manipal University Press, Manipal, India. ISBN: 978-93-82460-26-8. <p>Poster Presentations</p> <ul style="list-style-type: none"> • Mohanty D, Chandra A, Tandon R. 2015. Evaluating potential of germline cells for in vitro morphogenesis and transformation in an important semi-arid grain legume pigeonpea in the “11th International Congress of Plant Molecular Biology (IPMB-2015)”, organized by bi-national organizing committee of Argentina and Brazil and held at Bourbon Cataratas Convention & Spa Resort, Iguazú Falls, Brazil from October 25th - 30th, 2015. • Baweja R, Kapur A, Mohanty D, Girdhar G, Panwar P, Ishender, Tarushi, Twinkle, Priyanka, Pratibha, Anjali, Divyanka. 2016. Bio-electricity Production From Food Industry Effluent. In: <i>National Seminar on Water and Air Quality in Urban Eco-system on March 22, 2016</i> organized by Eco-Club, Shivaji College, University of Delhi, New Delhi – 110027, India.
<p>Conference/Seminar/Faculty Development Programme/Workshop</p>

- Participated in National Conference on “Challenges and strategies to Improve Crop Productivity in Changing Environment: An Integrated Approach” organized by Zakir Husain Delhi College, University of Delhi, Delhi on January 12, 2018.
- Participated in National Seminar on “Identifying and Avoiding Publishing in Predatory Journals: A Lesson for Researchers” held at Department of Botany, University of Delhi on March 18, 2017.
- Participated in “3rd Lab Skill Training Workshop for Laboratory Attendants/Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10th -14th, 2017 in Shivaji College, University of Delhi.
- Participated in “Training the Trainers IPR Workshop” held on August 10-11, 2016 and organized by Ramjas College and Institute of Life Long Learning, University of Delhi, Delhi – 110007.
- Participated in National Seminar on “Water and Air Quality in Urban Eco-system” organized by Eco-Club, Shivaji College, University of Delhi, New Delhi – 110027, India on March 22, 2016.
- Participated in “11th International Congress of Plant Molecular Biology (IPMB-2015)”, organized by bi-national organizing committee of Argentina and Brazil and held at Bourbon Cataratas Convention & Spa Resort, Iguazú Falls, Brazil from October 25th - 30th, 2015.
- Participated in Workshop on “Information Literacy and Competency”, organized by Delhi University Library System, University of Delhi on December 4, 2014.
- Participated in “7th Annual Convention of ABAP and International Conference on Plant Biotechnology, Molecular Medicine and Human Health”, organized by Department of Genetics, University of Delhi (South Campus) and held at Department of Genetics, University of Delhi (South Campus) from October 18-20, 2013.
- Participated in National Workshop on “Reproductive Biology of Flowering Plants for their Conservation and Improvement”, organized by Delhi University Botanical Society and held at Department of Botany, University of Delhi from April 27-29, 2012.
- Participated in National Workshop on “Evolutionary Perspectives in Modern Biological Teaching and Research”, jointly organized by Institute of Life Long Learning (ILLL), Centre for Science Education and Communication and Acharya Narendra Dev College, University of Delhi and held at Academic Research Centre from May 9-10, 2011.
- Participated in “7th Asia-Pacific Conference on Algal Biotechnology”, jointly organized by Department of Botany, University of Delhi and Indian Phycological Society, New Delhi and held at Department of Botany, University of Delhi from December 1-4, 2009.
- Participated in National Seminar on “Current Trends in Plant Sciences”, organized by Delhi University Botanical Society and held at the Department of Botany, University of Delhi from February 15-16, 2007.

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

NA

Awards and Distinctions

- Received **0.1% Certificate of Merit** in All India Senior School Certificate Examination (2005) conducted by Central Board of Secondary Education in English Core.
- Awarded Shri Krishna Mohan Memorial Prize instituted by Smt. Shanta Mohan for **All Round Best Student Award** in the year 2006-2007.
- Awarded Silver Jubilee Merit Scholarship prize in the year 2005-2006 as well as 2006-2007 for securing the **first position in the University in B.Sc. (H) Botany I year and II year**, respectively.
- Awarded Shri Asa Nanda Memorial Silver medal for securing **highest marks in in B.Sc.(H) Botany 1st year Examination** instituted by Dr. Kanan Nanda.
- Awarded Panchanan Maheshwari Memorial Prize for being the **best candidate in the M.Sc. Examination in Botany** held in 2010.
- Awarded Eligibility for Lectureship (**NET**) in the subject Life Sciences under the Joint CSIR-UGC Test for Junior Research Fellowship and NET (20 December 2009).
- Awarded **Junior Research Fellowship (JRF)** under Council of Scientific and Industrial Research fellowship scheme selected through Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET) held on 20th June 2010.

- Selected as **INSPIRE Fellow** (IF-10483) by the Ministry of Science and Technology, Department of Science and Technology, Government of India and thereafter awarded INSPIRE Junior Research Fellowship (JRF) and INSPIRE Senior Research Fellowship (SRF) during Ph.D. tenure.
- Received Travel Support from Department of Biotechnology, Govt. of India and **International Travel Awards** by IPMB Travel Award Selection Committee for attending 11th International Congress of Plant Molecular Biology (IPMB-2015)", organized by bi-national organizing committee of Argentina and Brazil and held at Bourbon Cataratas Convention & Spa Resort, Iguazú Falls, Brazil from October 25th - 30th, 2015.

Memberships

- Life Member- Delhi University Botanical Society
- Life Member- The Society of Plant Reproductive Biologists

Other Academic Activities

Resource Person in:

- Lab Skill Training Program for Laboratory Assistants/ Attendants in Chemical and Life Sciences, organized by Shivaji College, University of Delhi from 31st May to 3rd June 2016.
- "Sharing Science, Rising Together", Interdisciplinary workshop for all the Faculty of Sciences held on 24th September and 1st October 2016 and organized by all the departments of Sciences, Shivaji College, Ring Road, Raja Garden, New Delhi – 110027.
- DST INSPIRE Internship Science Camp for School Students sponsored by Department of Science and Technology, Ministry of Science and Technology, Govt. of India and organized by Shivaji College, Ring Road, Raja Garden, New Delhi – 110027 from 14-18th December 2016.

Cultural/Extracurricular Activities

- Member of Garden Committee of Shivaji College.
- Had been Member of Eco-Club of Shivaji College.



Signature of Faculty Member