



DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	Dr.	First Name	NEHA	Last Name	YADAV	Photograph
Designation		ASSISTANT PROFESSOR				
Address		WZ-1018E, NANGAL RAYA, PANKHA ROAD, NEW DELHI-110046				
Phone No. Office						
Residence Mobile		+91-9911848958				
Email		nehadu.12@gmail.com				
Web-Page						
Educational Qualifications B.Sc. (H) Botany, M.Sc. Botany, M.Phil. Botany, Ph.D. Botany						
Degree		Institution			Year	
Ph.D.		Department of Botany, University of Delhi			2017	
M.Phil.		Department of Botany, University of Delhi			2011	
PG		Miranda House, University of Delhi			2010	
UG		Dyal Singh College, University of Delhi			2008	
Any other qualification						
Career Profile						
<p>Completed schooling from Banasthali Public School, Vikas Puri, New Delhi (2005). Secured position amongst the top 10 ranks in B.Sc. (H) Botany at University of Delhi. College topper in Final year of Graduation (2008). Awarded Best Student of the year 2008. Secured First position in M.Phil. in 2011 at University of Delhi. After completing M.Phil. in 2011 worked as Research Intern in CSIR - National Institute of Science Communication and Information Resources (NISCAIR) for 4.5 months. Completed Ph.D. in the year 2017 and since August 2017, working as an Assistant professor (Ad-hoc) in Deshbandhu College, Kalkaji, University of Delhi, Delhi-110019.</p>						
Administrative Assignments						
NA						
Areas of Interest/Specialization						
Plant Reproductive Biology Plant Systematics Plant Anatomy and Embryology						
Subjects Taught						
<ul style="list-style-type: none"> • Taught Plant Systematics to B.Sc. (H) Botany • Taught Plant Anatomy and Embryology to B.Sc. (P) Life Sciences • Taught Plant Ecology and Taxonomy to B.Sc. (P) Life Sciences • Economic Botany and Plant Biotechnology B.Sc. (P) Life Sciences 						

- Taught Reproductive Biology of Angiosperms to B.Sc. (H) Botany
- Taught Intellectual Property Rights B.Sc. (H) Botany
- Taught Biofertilizers to B.Sc. (H) Botany and B.Sc. (P) Life Sciences both
- Taught Biostatistics to B.Sc. (H) Botany

Research Guidance

NA

Publications Profile

List against each head (If applicable) (as Illustrated with examples)

1. *Books/Monographs (Authored/Edited)*

- Vijayan D., Pathak A., Yadav N., 2019. **Taxonomy and Diversity of Seed Plants: Gymnosperms and Angiosperms**, Vikas Publishing House Pvt Ltd., pp 89-152. ISBN – 978-93-5338-697-9

2. *Research papers published in Refereed/Peer Reviewed Journals*

- **Yadav N, Pandey A.K. and Bhatnagar A.K. 2019.** Pollination Biology and Breeding System of Maple Species *Acer oblongum* Wall. ex DC. (Sapindaceae) Showing Mixed Syndromes of Wind and Insect Pollination. Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. 1-12. <https://doi.org/10.1007/s40011-019-01120-x>
- **Yadav N, Pandey A.K. and Bhatnagar A.K. 2017.** "Comparative Anther and Pistil Anatomy of Three Flowering Morphs of *Acer oblongum* Wall ex DC. (Sapindaceae) and its Adaptive Significance" accepted in the Wiley Journal – **Nordic Journal of Botany 36(1-2): 1-5. (doi: 10.1111/njb.01572)**
- **Yadav N, Pandey A.K. and Bhatnagar A.K. 2017.** "Temperature regulated seed germination in *Acer oblongum* Wall. Ex DC. (Sapindaceae) – A threatened Himalayan species in **Pleione 11(1): 10-15** ISSN: 0973-9467
- **Yadav N, Pandey A.K. and Bhatnagar A.K. 2016.** "Cryptic Monoecy and Floral Morph Types in *Acer oblongum* Wall. ex DC. (Sapindaceae): An Endangered Taxon" published in the Elsevier Journal – **FLORA 224: 183-190** <https://doi.org/10.1016/j.flora.2016.07.018>

3. *Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals*

4. *Research papers published in Refereed/Peer Reviewed Conferences*

5. *Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences*

6. *Other publications (Edited works, Book reviews, Festschrift volumes, etc.)*

Conference Organization/ Presentations

List against each head (If applicable)

1. *Organization of a Conference: None*

2. ***Participation as Paper/Poster Presenter:***

- Presented a poster entitled "Intellectual Property Rights and Protection of Plant Variety and Farmer's Right" in National Conference on "Intellectual property Rights: Challenges & Prospects" held on 22nd – 23rd October, 2019 organised by Maitreyi College, South Campus, University of Delhi.
- Indian Association of Angiosperm Taxonomy (IAAT) – Poster presentation on topic entitled "Pollination biology and breeding system of maple species *Acer oblongum* Wall. ex DC. (Sapindaceae) showing mixed syndromes of wind and insect pollination" held at Department of Botany, University of Delhi, Nov. 2017.

- Indian Science Congress Association (ISCA) – Paper Presentation entitled “Floral Morph Types and Evolution of sexual System in *Acer oblongum*” held at University of Mumbai, Jan. 2015
- National Symposium on Emerging Trends in Botanical Sciences – Poster Presentation entitled “Diversity of Floral Mechanism and Pollination Assurance for Reproductive Success in Angiosperms” organised by Dept. of Botany, Punjabi University, Feb. 2014

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

- Certificate of Merit, Department of Botany, University of Delhi, 2011
- Certificate of Merit, Dyal Singh College, University of Delhi, 2008

Association With Professional Bodies

- *Editing*
- *Reviewing*
- *Advisory*
- *Committees and Boards*
- **Memberships**
 - Indian Botanical Society (2015-life member)
 - East Himalayan Society of Spermatophyte Taxonomy (Life Member)
 - Botanical Society of America (2016-2017)
 - Indian Science Congress (2015-2016)
- *Office Bearer*

Other Activities

Workshops/Seminars/Conferences/Symposium Attended

- Attended “International Seminar on Science, Environmental & Spirituality” held on 13th Sep, 2019 organised by Eco Club, Shivaji College, University of Delhi.
- Attended two days National Workshop on “Intellectual Property Rights” held on 22nd – 23rd Aug, 2019 organised by Department of Botany, Deen Dayal Upadhyaya College, University of Delhi.
- Participated in one day Workshop on “Recent Trends in Plant Systematics and Future Prospects” – held at Dyal Singh College, University of Delhi on March 12, 2019.
- Participated in “Fourth National Symposium on Environment: Green Technology for Sustainability” – held at Deshbandhu College, University of Delhi on September, 25 2018.
- Participated in the “National Workshop on Reproductive Biology for Biodiversity Conservation” organised by Dept. of Botany, University of Jammu, Nov. 2013
- Participated in National workshop on “Evolutionary Perspective in Modern Biological Teaching and Research” jointly organised by Centre for Science Education and Communication and University of Delhi, May. 2011

Webinar Organised

- Worked as organizing member in 3-Day International Webinar Series on “Understanding Flora from Aquatic Ecosystems: Towards better conservation & Sustainable Use” jointly organized by

the Department of Botany, Deshbandhu College, University of Delhi, New Delhi, INDIA (Under the aegis of IQAC and 'DBT Star College' Scheme) and the Institute of Ocean and Earth Sciences, Universiti Malaya, Kuala Lumpur, MALAYSIA from March 26 – 28, 2021

- **Event-Coordinator** for Webinar “ Arbuscular Mycorrhiza : A Promise for Sustainable Cultivation of Crops” organized by Department of Botany, Deshbandhu college under the aegis of IQAC on 3, March 2021.
- **Event-Coordinator** for Interactive webinar session for students on: “IPR: Basic Concepts, Relevance and Opportunities” by Dr. Arun K. Maurya under the aegis of IQAC and DBT star college scheme, organised by Department of Botany, University of Delhi. 28 January 2021
- Worked as organising member Webinar on “Introduction to GIS and Remote Sensing in Natural Science” under the aegis of IQAC and Department of Botany, Deshbandhu College University of Delhi, held on 17 th October 2020
- Worked as organising member Webinar on “Evolution of Science seen from Historical Perspective” under the aegis of IQAC and Department of Botany, Deshbandhu College University of Delhi, held on 12th and 13th May 2020

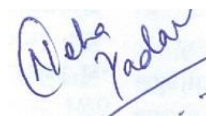
Webinar Attended (2020-21)

- International Webinar on “Earth and Climate Change Impacts : Can Carbon Capture, Utilization and Sequestration (CCUS) Address the Issues” organized by Phytomics: The Botanical society of Bhaskaracharya College of Applied Sciences (University of Delhi), held on 22nd April 2021
- Participated in the International Conference on “**Effective Strategies for Biodiversity Conservation**” on 23rd – 24th March, 2021 organized by the Department of Botany, Daulat Ram College, University of Delhi
- Participated in Three Days International Webinar Series on the Topic "Understanding Flora from Aquatic Ecosystems: Towards Better Conservation & Sustainable Use" jointly organized by Department of Botany, Deshbandhu College, University of Delhi, Delhi, INDIA and Institute of Ocean and Earth Sciences, Universiti Malaya, Kuala Lumpur, MALAYSIA from March 26 – 28, 2021.
- Webinar on “Botanical Secrets for Wellness: Clued from Nature’s Signature” organised by Botanical society of Bhaskaracharya College of Applied Sciences, University of Delhi, held on 16th May 2020
- Webinar on “Effective Use of ICT Tools in Online Teaching and Learning” organised by Shyama Prasad Mukherjee College for Women, University of Delhi, held on 28th April 2020
- Webinar on “COVID-19 Pandemic and Immunity and Socio-psychological issues” organised by Deshbandhu College, University of Delhi, held on 6th May 2020
- Webinar on “Referencing and Citation” organised by Sri Aurobindo College, Eve and Ram Lal Anand College, University of Delhi, held on 20th April 2020
- Webinar on “The Nomenclatural Code and its Relevance to Fungi” organised by Sri Aurobindo College, University of Delhi, held on 4th May 2020
- Webinar on “Biodiversity and Man” organised by Dyal Singh College, University of Delhi in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM), held on 5th June 2020
- Webinar on “Strengthening the Immune System with Naturopathy” organised by Hansraj College, University of Delhi, held on 6th May 2020
- Webinar on “Molecular Taxonomy and DNA Barcoding: Concepts, Methods and Applications” organised by R.D. & S.H. National College and S.W.A. Science College, University of Mumbai, held on 20th May 2020. Certificate number - **TP887E**
- Webinar on “Impact of COVID-19 on Research Progress in Life Sciences: Mitigation of Losses and

- the Way Forward” organised by Mansarovar Global University, Bhopal held on 5th July 2020
- Webinar on “Preventing Plagiarism: Producing Quality Research” organised by Janki Devi Memorial College, University of Delhi, held on 25th April 2020
- Webinar on “Plant Biology: A Journey from Earth to Space” organised by Ramjas College, University of Delhi, held on 22nd and 23th April 2020
- International webinar on “Biodiversity and Environmental Health” organised by Department of Environmental Studies, Shivaji College, University of Delhi, held on 20th May 2020
- Webinar on “Medicinal Plants: Eternal Source of Health and Wellness” organised by Swami Shradhanand College, University of Delhi, held on 17th June 2020
- Webinar on “Biodiversity and Public Health” organised by Eco club, Shivaji College, University of Delhi, held on 19th May 2020
- Webinar on ‘Biodiversity and Conservation” organised by Daulat Ram College, University of Delhi, held on 8th June 2020
- Webinar on “New Opportunities in Medicinal Plants Sector for Farmers and Entrepreneurs” organised by Mansarovar Global University, Bhopal held on 24th May 2020
- Webinar on “Impact of COVID-19 on Research Progress in Life Sciences: Mitigation of Losses and the Way Forward” organised by Mansarovar Global University, Bhopal held on 5th July 2020

Other Academic Events

- Organising Member and Resource Person in SKILL ENHANCEMENT WORKSHOP-Basic Laboratory Procedures and Lab Ethics for Laboratory Staff, organized by Deshbandhu College, University of Delhi, held from December 22-24, 2021 (physical mode)
- Participated as Organising member and Resource person in the “INSPIRE Internship Programme-2017” organized by Deshbandhu College, University of Delhi, held from December 17-21, 2019
- Participated as Organising member and Resource person in Summer Training Programme in Techniques in Plant Systematics organized by Deshbandhu College, University of Delhi in collaboration with ICAR-NBPGR, Pusa Campus, New Delhi and BGIR, Noida held from 31 March-06 June, 2019
- Participated as member organizing committee in the two days Symposium on “Avenues in Plant Sciences: A hope for Sustainable Future” – held at Deshbandhu College, , University of Delhi March, 8-9 2019.
- Participated as Organising member and Resource person in the “INSPIRE Internship Programme-2017” organized by Deshbandhu College, University of Delhi, held from December 18-22, 2017



Signature of Faculty
Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.