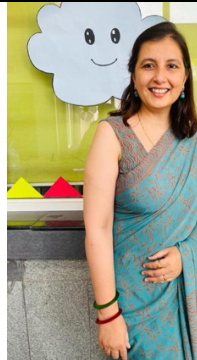




## Faculty Details Proforma For College Website



Title	Dr	First Name	Vidhi	Last Name	Chaudhary	Photograph
<b>Designation</b>		<b>Assistant Professor</b>				
<b>Address</b>	Ghaziabad, Uttar Pradesh, PIN - 201002					
<b>Phone No. Office</b>						
<b>Residence</b>						
<b>Mobile No.</b>						
<b>Email – ID</b>	vidhi@dr.du.ac.in					
<b>Web Page</b>	<a href="https://scholar.google.com/citations?hl=en&amp;user=IkI">https://scholar.google.com/citations?hl=en&amp;user=IkI</a>					
<b>Educational Qualification</b>						
<b>Degree</b>	<b>Institution</b>				<b>Year</b>	
Ph. D. Botany	Department of Botany, University of Delhi				2013	
M. Phil. Botany	Department of Botany, University of Delhi				2006	
M. Sc. Botany	Chaudhary Charan Singh University, Meerut				2004	
B. Sc. Biology	Chaudhary Charan Singh University, Meerut				2002	
<b>Career Profile</b>						
<b>Achievements:</b>						
Citations: 1518 H – index: 14 i10-index: 18						
<ul style="list-style-type: none"> <li>• Eighteen <b>Research Publications</b></li> <li>• Three <b>Review Papers</b></li> <li>• Five <b>Book Chapters</b></li> <li>• Seven articles in <b>Manual/ Magazine/ Popular article</b></li> <li>• Several <b>Oral and Poster presentations</b> in International and national conferences</li> <li>• Successful Completion of <b>Innovation Project</b> as Co-Principal Investigator, 2016</li> <li>• Young Scientist International Women Empowerment Award, 2017</li> <li>• Recipient of several Best Paper Presentation Awards at national and international conferences:</li> <li>• I prize for <b>Best Poster Presentation</b>, Shivaji College, University of Delhi, 2016</li> <li>• I prize for <b>Best Poster Presentation</b>, Agra Engineering College, Agra, 2012</li> <li>• III prize for <b>Best Poster Presentation</b>, Perth, Western Australia, 2011</li> <li>• Distance Learning General <b>Certificate Course</b> On Intellectual Property by WIPO, 2019</li> <li>• Senior Research Fellow in ICAR AMAAS Project, 2007-12</li> </ul>						

- **Co-Convenor** for several Workshops, Webinars, Symposium and FDP
  - ❖ ICT Tools, 2022
  - ❖ Gardening Workshop, 2022
  - ❖ Gardening Webinar, 2020
  - ❖ Symposium, 2019
  - ❖ FDP, 2018
- **Resource Person** for several Skill Development Programmes and Workshops
  - ❖ ICT Tools, 2022
  - ❖ SDP, 2021
  - ❖ NTS Workshop, 2021
  - ❖ NTS Workshop, 2019
  - ❖ Inspire Science Camp, 2018
  - ❖ Digital Literacy, 2018
  - ❖ Skill Development Course on Food Adulteration in Botany Department, 2017
  - ❖ Digital Literacy Skill Development Course, 2016
  - ❖ Horticulture Workshop, 2016
  - ❖ Micropropagation Workshop, 2015
- **Member of Organizing Committee** for several seminars, conferences, workshops and webinars
- Participated in several **international and national conferences, trainings, workshops, FDPs, SDPs** etc.

**Role in Preparation of:**

- College Annual Report, 2022
- Editor of Proceedings of Symposium on Environment and Sustainable Development: New Perspectives, 2019, ISBN 9788193746622
- Botanical Society Magazine “Liana”, 2018
- Industrial and Environmental Microbiology Manual, 2018
- Inspire Manual, 2016
- Workshop Manual of Biological Tools in Biotechnology, 2016
- Workshop Manual of Conservation of Medicinal Plants by Micropropagation, 2015

**Administrative Assignments**

<b>Nature of Work</b>	<b>Time period</b>
<b>Invigilation Duty of Non Teaching Staff Exam</b> for the permanent position of “Multi Tasking Staff”	15 July 2021
<b>Invigilation Duty of Non Teaching Staff Exam</b> for the permanent position of “Multi Tasking Staff”	31 <sup>st</sup> July 2021
<b>Evaluation Duty of Non Teaching Staff Exam</b> for the permanent position of “Multi Tasking Staff”	30 <sup>th</sup> July 2021
<b>External and Internal Examinership</b> of University Practical Examination	2013-23
<b>Invigilation Duty</b> of University Theory Examination	2013-23
<b>Evaluation Duty</b> of University Theory Exam Answer Sheets	2013-23
<b>Evaluation Duty</b> of University Undergraduate Theory OBE Answer Scripts <ul style="list-style-type: none"> <li>• Environmental Biotechnology</li> <li>• Industrial and Environmental Microbiology</li> </ul>	June, April, October, 2021

<ul style="list-style-type: none"> <li>Analytical Techniques in Plant Sciences</li> </ul>	
<b>Paper Setting</b> for University Undergraduate Theory Exam:	2017-22
2022 : Environmental Biotechnology, B. Sc. H IIInd Yr (GE Paper)	
2022 : Mycology and Phytopathology, B. Sc. Botany H I Yr	
2021 : Environmental Biotechnology, B. Sc. H IIInd Yr (GE Paper)	
2020 : Mycology and Phytopathology, B. Sc. Botany H I Yr	
<b>Role in Various Societies:</b>	
2022-23 : <b>Member</b> of College Annual Report Committee <b>Member</b> of Campus Placement Cell <b>Member</b> of Ranking Committee <b>Member</b> of Garden Committee	
2021-22 : <b>Member</b> of College Annual Report Committee <b>Member</b> of Library Committee <b>Member</b> of Ranking Committee <b>Member</b> of Garden Committee	
2020-21 : <b>Member</b> of Garden Committee	
<b>Areas of Interest / Specialization</b>	
Plant Microbe Interaction Microbial Biotechnology Environmental Biotechnology Mycology and Phytopathology	

<b>Subjects Taught</b>			
<b>Course</b>	<b>Subject Taught</b>	<b>Semester</b>	<b>Year</b>
B. Sc. Allied (H) IIInd Yr	Environmental Biotechnology (GE III Paper)	Odd	2022-23
B. Sc. Botany (H) IIInd Yr	Ethnobotany	Odd	2022-23
B. Sc. Botany (H) IIInd Yr	Economic Botany	Odd	2022-23
B. Sc. Allied course (H) IIInd Yr (Zoology & Biochemistry)	Economic Botany & Biotechnology	Even	2022-23
B. Sc. Botany (H) IIInd Yr	Ecology	Even	2022-23
B. Sc. Botany (H) IIInd Yr	Biofertilizers (SEC Paper)	Even	2022-23
B. Sc. Botany (H) IIIrd Yr	Industrial & Environmental Microbiology	Even	2022-23
B. Sc. Botany (H) IIInd Yr	Economic Botany, Environmental Biotechnology	Odd	2021-22
B. Sc. Botany (H) IIIrd Yr	Analytical Techniques in Plant Sciences	Odd	2021-22
B. Sc. Life Science Ist Yr	Biodiversity	Odd	2021-22
B. Sc. Life Science and B. Sc. Math Ist Yr	Environmental Studies	Odd	2021-22
B. Sc. Botany (H) Ist Yr	Mycology and Phytopathology	Even	2021-22
B. Sc. Botany (H) IIInd Yr	Ecology	Even	2021-22

B. Sc. Botany (H) IIIrd Yr	Industrial and Environmental Microbiology	Even	2021-22
B. Sc Zoology and Biochemistry IInd Yr	Economic Botany and Biotechnology	Even	2021-22
B. Sc. Life Science and B. Sc. Zoology Ist Yr	Environmental Studies	Even	2021-22
B. Sc. Botany (H)	Microbiology and Phycology, Economic Botany, Environmental Biotechnology, Reproductive Biology of Angiosperms	Odd	2017-18
B. Sc. Botany (H)	Mycology and Phytopathology, Plant Metabolism and Biochemistry	Even	2017-18
B. Sc. Life Science	Plant Ecology and Taxonomy, Ecology and Environmental Management	Even	2017-18
B. Sc. Zoology (H)	Economic Botany and Biotechnology (GE)	Even	2017-18
B. Sc. Botany (H)	Microbiology and Phycology, Economic Botany, Environmental Biotechnology	Odd	2018-19
B. Sc. Botany (H)	Mycology and Phytopathology	Even	2018-19
	Environmental Studies	Even	2018-19
B. Sc. Botany (H)	Microbiology and Phycology, Economic Botany, Environmental Biotechnology, Ethnobotany	Odd	2019-20
B. Sc. Botany (H)	Mycology and Phytopathology, Plant Biotechnology	Even	2019-20
B. Sc. Life Science	Economic Botany and Biotechnology	Even	2019-20
B. A. English and Economics	Environmental Studies	Even	2019-20
B. Sc. Botany (H) IInd Yr	Economic Botany, Environmental Biotechnology	Odd	2020-21
B. Sc. Botany (H) Ist Yr	Mycology and Phytopathology, Plant Biotechnology, Industrial and Environmental Microbiology	Even	2020-21
B. A. Political Science and B. Sc. Zoology Ist Yr	Environmental Studies	Even	2020-21

### Research Guidance

Worked as a **Co- Principal Investigator** in University of Delhi funded **Innovation Project DR - 311** entitled **“Greener and Sustainable Approach to Control Water Pollution”** at Department of Botany, Daulat Ram College, University of Delhi, Delhi, India

### Publications Profile

#### BOOK CHAPTERS

- ❖ S. Rani and **V. Chaudhary** (2022). The beneficial effect of traditional herbal medicine. In: Medicinal Plants: Ethnomedicine, Pharmacognosy and Therapeutic Values. Eds. A. Sharma, G. Malik and S. Kumari. Anu Books, India, pp. 85-110. DOI: <https://doi.org/10.31995/Book.AB220-A22.Chapter> 6. ISBN: 978-93-90879-31-1.
- ❖ D. Sinha, S. Datta, **V. Chaudhary**, D. Banerjee and R. K. Chaudhuri (2021). Ecological Succession of Wetlands: A Review of the Current Scenario. In: The Handbook of Research on Monitoring and Evaluating the Ecological Health of Wetlands. IGI Global Publishers, pp. 128-149 DOI: 10.4018/978-1-7998-9498-8.ch008; ISBN 10 -1799894983.
- ❖ S. Datta, D. Sinha, **V. Chaudhary**, S. Kar and A. Singh (2021). Water Pollution of Wetlands: A global threat to Inland, Wetland, and aquatic phytodiversity. In: The Handbook of Research on Monitoring and Evaluating

#### ARTICLES IN MANUALS/ MAGAZINES/ POPULAR ARTICLE

- ❖ V. Chaudhary and R. Kathal (2023). Environment: Science, Legislation, Politics and Ethics. In: *Liana Botanica Society Magazine* at Department of Botany, Daulat Ram College, University of Delhi.

#### Conference Organization / Presentation (in the last three years)

#### ORAL PRESENTATIONS IN CONFERENCES

- ❖ R. Pasricha and V. Chaudhary (2021). Applications of PGPR for Climate Friendly Sustainable Agriculture. In: *6<sup>th</sup> Annual International E-Conference of Indian Network for Soil Contamination Research (INSCR) on “Microbes in Sustainable Development”*, November 15 to 18.

#### INVITED TALK

- ❖ V. Chaudhary (2021). Plant Microbe Interactions: An Ecofriendly Approach to Sustainable Agriculture”, organized by Department of Botany, Modern College, Imphal East on 7 January, 2021.

#### POSTER/ ABSTRACTS IN PROCEEDINGS OF SYMPOSIA/ CONFERENCES

- V. Chaudhary, R. Kathal and R. Pasricha (2022). Pesticide pollution and abatement measure. In: *National Conference on Sustainable Environmental Perspectives: A Journey from Ancient India*, June 5-6, Environmental Studies and Department of Botany, Deen Dayal Upadhyaya College, University of Delhi in association with Paryavaran Gatividhi Sharanya (NGO), New Delhi (**Abstract Accepted**).

#### EVENTS ORGANIZED

##### As Co-Convenor

- **Co-Convenor for the Lecture “Art of Bonsai and Penjing”** under Workshop Series on Learning Gardening Techniques: A Step Towards Entrepreneurship, organized by Garden Committee, Daulat Ram College, University of Delhi on 12<sup>th</sup> April, 2023.
- **Co-Convenor for the Lecture “Developing a Herbal Garden: Nature to Nurture with Ayurveda: Series II”** under Workshop Series on Learning Gardening Techniques: A Step Towards Entrepreneurship, organized by Garden Committee, Daulat Ram College, University of Delhi on 10<sup>th</sup> February, 2023.
- **Co-coordinator** for two days Skill Development Programme “**Enhancing learning through ICT tools**” organized by Department of Botany, Daulat Ram College, University of Delhi from 26<sup>th</sup> – 27<sup>th</sup> November, 2022.
- **Co-Convenor** for two days Workshop “**Basic Techniques for Home Gardening – Series – 1” under the Theme Learning Gardening Techniques – A Step towards Entrepreneurship**, organized by Garden Committee Daulat Ram College, University of Delhi from 14<sup>th</sup> – 15<sup>th</sup> September, 2022.
- **Co-Convenor** for the National Webinar on “**Redefining Gardening from Hobby to Enterprise: Series 1**” organized by Garden Committee, Daulat Ram College, University of Delhi on October 21, 2020.

##### As Resource Person

- **Resource Person** for a session “**Zoom**” in Two Day Skill Development Programme “**Enhancing Learning through ICT Tools**” organized by Department of Botany, Daulat Ram College, University of Delhi from November 26-27, 2022.
- **Resource Person** for a session “**Boosting Immunity Naturally**” in In House Skill Development Program (SDP) “**Disease Prevention by Natural Remedies and Identification of Active Ingredients**” organized by Department of Chemistry & Botany, Daulat Ram College, University of Delhi from December 20-27, 2021.
- **Resource Person** for a session “**Introduction to Botany and Instrumentation**” in One Week Skill Enhancement Workshop for Non Teaching Staff, organized by Daulat Ram College, University of Delhi from July 7-13, 2021.

### **As Member of Organizing Committee**

- **Member of Organizing Committee** for an International Seminar “**Microplastics an its remediation**” conducted by Department of Botany, Daulat Ram College, University of Delhi on 14<sup>th</sup> June, 2023.
- **Member of Organizing Committee** for one day workshop “**Capacity Building Workshop Series I – Mushroom Cultivation**” conducted by Astitva, Life Science Association, Daulat Ram College, University of Delhi on 28<sup>th</sup> September, 2022.
- **Member of Organizing Committee** for two days hands on session workshop “**Learning Reproductive Biology with Fluorescence Microscopy**” conducted by Vasundhara, The Botanical Society of Daulat Ram College, University of Delhi on 25<sup>th</sup> – 26<sup>th</sup> August, 2021.
- **Member of Organizing Committee** for two days **International Conference on “Effective Strategies for Biodiversity Conservation**” organized by Department of Botany and Vasundhara Botanical Society, Daulat Ram College, University of Delhi on March 23-24, 2021.
- **Member of Organizing Committee** for the National Webinar on “**Redefining Gardening from Hobby to Enterprise: Series 4**” organized by the Garden Committee, Daulat Ram College, University of Delhi on November 25, 2020.
- **Member of Organizing Committee** for the National Webinar on “**Redefining Gardening from Hobby to Enterprise: Series 3**” organized by the Garden Committee, Daulat Ram College, University of Delhi on November 18, 2020.
- **Member of Organizing Committee** for the National Webinar on “**Redefining Gardening from Hobby to Enterprise: Series 2**” organized by the Garden Committee, Daulat Ram College, University of Delhi on November 11, 2020.

### **Research Projects (Major Grants/Research Collaboration)**

### **Awards and Distinctions**

#### **Awards:**

- Young Scientist International Women Empowerment Award, 2017
- Recipient of several Best Paper Presentation Awards at national and international conferences:
- I prize for **Best Poster Presentation**, Shivaji College, University of Delhi, 2016
- I prize for **Best Poster Presentation**, Agra Engineering College, Agra, 2012
- III prize for **Best Poster Presentation**, Perth, Western Australia, 2011
- **DST Travel grant** for attending *Rhizosphere3* International Conference at Perth, Western Australia from 25-30 September, 2011

### **CERTIFICATE COURSE**

- One-Month Online National **Faculty Induction Programme** with Grade “**A**” jointly organized by Daulat Ram College, University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education from 25<sup>th</sup> February, 2023 to 27<sup>th</sup> March, 2023.

### **Association with Professional Bodies**

<b>Type of Membership</b>	<b>Organization</b>	<b>Year of Membership (Start Date)</b>
<b>Life Member</b>	Association of Microbiologists of India	20-11-2008
<b>Life Member</b>	Indian Network for Soil Contamination Research	November 2021
<b>Member of Reviewer Board</b>	Acta Scientific Agriculture	Since July 2020

### **EDITORIAL BOARD FOR SCIENTIFIC JOURNALS**

Valuable review and constructive evaluation of the research proposal for the College Research and Innovation Cell, Shivaji College, University of Delhi, Delhi, January, 2023

## Other Activities

### MANUAL / MAGAZINE PREPARATION/ EDITOR

- College **Annual Report**, 2023
- College **Annual Report**, 2022
- Editor of Proceedings of Symposium on **Environment and Sustainable Development: New Perspectives**, 2019  
ISBN 9788193746622

### EVALUATOR

**Evaluator** for State Level Camp (Level – II), Delhi of Vidyanthi Vigyan Manthan – India’s Largest Science Talent Search for New India using Digital Devices (VVM) 2022-23 organized by Vinjana Bharati (VIBHA) in association with Vigyan Prasar, Department of Science and Technology, Govt. of India and National Council of Educational Research and Training (NCERT), Ministry of Education, Govt. of India, held on Sunday, 8 January, 2023 at Daulat Ram College, University of Delhi, Patel Marg, Maurice Nagar, Delhi.

### EXTRACURRICULAR ACHIEVEMENTS

V. Chaudhary (2023). Anmol Sifar. In: Shreshtha Magazine under Women Development Cell, Daulat Ram College, University of Delhi.

Article on Dowry social issue @ Jansatta Website on the occasion of International Women’s Day 8<sup>th</sup> March 2021

<https://www.jansatta.com/blog/international-womens-day-what-is-the-learning-of-ayesha-suicide-case/1655689/>