




Faculty Details Proforma

Title	Dr	First Name	Vidhi	Last Name	Chaudhary	Photograph
Designation		Assistant Professor				
Address		Daulat Ram College, 4, Patel Marg, Maurice Nagar, Delhi - 110007				
Phone No. Office		011-27666982				
Educational Qualification						
Degree		Institution			Year	
Master in Philosophy, M. Phil. Botany		Department of Botany, University of Delhi, Delhi			2006	
Doctorate in Philosophy, Ph. D. Botany		Department of Botany, University of Delhi, Delhi			2013	
Career Profile						
<p>Dr. Vidhi Chaudhary has been serving as an Assistant Professor in the Department of Botany at Daulat Ram College, University of Delhi, for over twelve years. With a strong academic foundation, Dr. Chaudhary obtained both her M.Phil. and Ph.D. degrees in Botany from the prestigious University of Delhi, where she has since built an exemplary career in teaching and research.</p>						
Academic and Research Expertise						
<p>Dr. Chaudhary's research interests lie at the intersection of plant-microbe interactions and microbial biotechnology. She has worked extensively on topics such as Arbuscular Mycorrhiza, Biocontrol of Cyanobacteria, Phytoremediation of heavy metals by aquatic plants, and Awareness of Menstrual Cup. Throughout her career, she has been involved in research projects funded by notable organizations, including the Indian Council of Agricultural Research (ICAR) under the AMAAS program and the Delhi University Innovation Project.</p>						
<p>Her work has significantly contributed to understanding how microorganisms interact with plants to promote sustainable agricultural practices and environmental remediation.</p>						
Teaching and Course Contributions						
<p>Dr. Chaudhary has taught a wide range of undergraduate courses in Botany, including Phycology, Mycology, Economic Botany, and Environmental Biotechnology. She adopts an interactive teaching methodology that combines theoretical knowledge with practical application, aiming to cultivate a deep understanding of plant sciences among her students.</p>						
Publications and Scholarly Impact						
<p>Dr. Chaudhary has published more than 20 research papers in highly reputed international journals. She has also contributed review papers, book chapters, and popular articles, showcasing her broad scholarly expertise. As an active member of the editorial and review board for Acta Scientific Journal, she contributes to advancing scientific research</p>						

in her field.

Awards and Recognition

Dr. Chaudhary's exceptional contributions to science have earned her several accolades, including the **Young Scientist International Women Empowerment Award** from the **Sardar Vallabh Bhai Patel Science and Technology Organization**. Additionally, she has received numerous **Best Paper Presentation Awards** at national and international conferences, underscoring her impact in the scientific community.

Professional Affiliations

Dr. Chaudhary is a life member of several prestigious societies, including the **Association of Microbiologists of India**, reflecting her commitment to staying at the forefront of microbiology and plant science research.

Leadership and Outreach

Dr. Chaudhary has also demonstrated significant leadership in academic outreach. She has served as a convenor and resource person for numerous programs and successfully organized seminars, symposia, and workshops aimed at enhancing research collaboration and knowledge dissemination.

In addition to her teaching and research roles, Dr. Chaudhary has made significant contributions to the administration and development of Daulat Ram College through her active involvement in various college committees. She has served on:

- **Annual Report Committee**
- **Ranking Committee**
- **Garden Committee**
- **Women Development Cell**
- **Canteen Committee**
- **Library Committee**
- **Quiz Society**
- **Admission Committee**
- **Placement Cell**

Her diverse committee work underscores her dedication to the holistic development of the college community, enhancing both academic and student life.

Administrative Assignments

- ❖ Worked as **Hostel In Charge** of Daulat Ram College Hostel from 25 October 2023 to 10 March 2024
- ❖ Working as **Warden** of Daulat Ram College Hostel from 11 March 2024 till date

Areas of Interest / Specialization

Plant Microbe Interaction
Microbial Biotechnology
Mycology and Phytopathology
Phycology
Environmental Biotechnology

Subjects Taught (in the last three years)				
2021-22				
S.No	Course	Semester	Subject Taught	Year
1	Allied Course II Yr (Zoology & Biochemistry)	III	GE – III Environmental Biotechnology TH (2) +PR	2021
2	B. Sc. Botany H III Yr	V	Analytical Techniques in Plant Sciences TH (2) +PR	2021
3	B. Sc. Botany H II Yr	III	Economic Botany PR	2021
4	B. Sc. Life Science I Yr	I	Biodiversity TH (1) +PR (PR- Later added)	2021
5	B. Sc. Botany H II Yr	IV	Ecology TH (2) +PR	2022
6	B. Sc. Botany H III Yr	VI	Industrial and Environmental Microbiology TH (2) + PR	2022
7	B. Sc. Botany H I Yr	II	Mycology TH (2) +PR	2022
8	B. Sc. Life Science III Yr	VI	Economic Botany and Biotechnology TH (1)	2022
9	B. Sc. Life Science & Mathematics I Yr	II	AECC – EVS Environmental Studies TH (1)	2022
2022-23				
S.No	Course	Semester	Subject Taught	Year
10	B. Sc. Botany H II Yr	III	Economic Botany TH (1) +PR	2022
11	B. Sc. Botany H II Yr	III	Ethnobotany TH (1) +PR	2022
12	Allied Course Zoology & Biochemistry II Yr	III	GE III Environmental Biotechnology TH (2) + PR	2022
13	B. Sc. Botany H III Yr	VI	DSE - Industrial and Environmental Microbiology TH (1) +PR	2023
14	Botany H II Yr	IV	Ecology TH (1) +PR	2023
15	Allied Course Zoology & Biochemistry II Yr	IV	GE IV Economic Botany & Biotechnology TH (1) +PR	2023
16	Allied Course Zoology & Biochemistry II Yr	II	GE- 1 Biofertilizers TH (1)	2023
17	B. Sc. Botany H I Yr	II	Plant Resources & Economic Botany TH (1)	2023
2023-24				
S.No	Course	Semester	Subject Taught	Year

18	B. Sc. Botany H II Yr (NEP DSC – 7)	III	Phycology – The World of Algae – TH + PR	2023
19	B. Sc. Life Science II Yr (NEP DSC – 3)	III	Plant Cell & Developmental Biology – PR	2023
20	B. Sc. Life Science III Yr DSE	V	Cell and Molecular Biology – TH + PR	2023
21	B. Sc. Allied II Yr	III	Biofertilizers GE (Th)	2023
22	B. Sc. Botany H II Yr	IV	Mycology Th + Pr	2024
23	B. Sc. Botany H III Yr	VI	Industrial and Environmental Microbiology – PR	2024
24	B. Sc. Zoology & Biochemistry H II Yr GE	IV	Ethnobotany – PR	2024

2024-25

S.No	Course	Semester	Subject Taught	Year
25	B. Sc. Botany H II Yr	III	Phycology – The World of Algae (Th + Pr)	2024
26	B. Sc. Botany H Ist Yr	I	Basic laboratory and Field Skills in Plant Biology (Pr)	2024
27	B. Sc. Life Science I Yr	I	Plant Diversity and Systematics (Pr)	2024

Research Guidance

November 2015 - October 2016

Six Undergraduate students (Botany and Chemistry Course) were guided for doing research work and compilation of the Delhi University 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. (As Co-Principal Investigator of the Project).

September 2023 – Till Date

Six Undergraduate students (Botany, Chemistry and Physics – Two students from each Course) were guided for doing project work of DRC Delhi University funded Project entitled “Green the Red: A Sustainable Menstruation Initiative to fight Period Poverty” under Navdhara Scheme at Daulat Ram College, University of Delhi, Delhi, India. (As Co-Principal Investigator of the Project).

Publications Profile (in the last three years)

S. No	Title of the Paper	Journal Name	Year	Vol. No.	Pg No.	Authors	ISSN No.	Impact Factor	Scopus Index	Reference UGC CARE Listed (Yes/No) and S. No. in SCI List
RESEARCH PAPERS										

1	Effect of arbuscular mycorrhiza and phosphorus application on artemisinin concentration in <i>Artemisia annua</i> L	<i>Mycorrhiza</i> (Springer-Verlag)	2007	17	581-587	R. Kapoor, V. Chaudhary and A. K. Bhatnagar	ISSN 0940-6360	3.387	Yes	Yes 7075
2	Effectiveness of two arbuscular mycorrhizal fungi on concentrations of essential oil and artemisinin in three accessions of <i>Artemisia annua</i> L	<i>Applied Soil Ecology</i> (Elsevier)	2008	40	174-181	V. Chaudhary , R. Kapoor and A. K. Bhatnagar	ISSN 0929-1393	4.046	Yes	Yes 879
3	Evaluation of fungicidal activity of extracellular filtrates of cyanobacteria – Possible role of hydrolytic enzymes. [Cited as one of the most requested articles of the journal for the year 2008]	<i>Journal of Basic Microbiology</i> (Wiley-Vett-Verlag)	2008	48	186-194	R. Prasanna, Lata, R. Tripathi, V. Gupta, V. Chaudhary , S. Middha, M. Joshi, R. Ancha and B.D. Kaushik	ISSN 1521-4028	2.281	Yes	Yes 4960
4	Development of microtitre plate based assay for evaluation of fungicidal potential and microscopic analyses of	<i>Archives of Phytopathology and Plant Protection</i> (Routledge)	2010	43 (14)	1435-1444	V. Chaudhary , R. Prasanna, V. Gupta, S. B. Singh, C. Natarajan and L. Nain	ISSN 0323-5408	0.735	Yes	No

	cyanobacterial metabolites									
5	Bioprospecting for genes involved in the production of chitosanases and microcystin like compounds in <i>Anabaena</i> strains	<i>World Journal of Microbiology and Biotechnology</i> (Springer)	2010	26	717-724	R. Prasanna, V. Gupta, C. Natarajan and V. Chaudhary	ISSN 0959-3993	4.253	Yes	Yes 9472
6	Evaluating novel microbe amended composts as biocontrol agents in tomato	<i>Crop Protection</i> (Elsevier)	2011	30	436-442	A. S. Dukare, R. Prasanna, S.C. Dubey, L. Nain, V. Chaudhary , R. Singh and A. K. Saxena	ISSN 0261-2194	2.571	Yes	Yes 2349
7	Bioefficacy of novel cyanobacteria-amended formulations in suppressing damping off disease in tomato seedlings	<i>World Journal of Microbiology and Biotechnology</i> (Springer)	2012	28 (12)	3301-3310	V. Chaudhary , R. Prasanna, L. Nain, S.C. Dubey, V. Gupta, R. Singh, S. Jaggi and A. K. Bhatnagar	ISSN 0959-3993	4.253	Yes	Yes 9472
8	Modulation of fungicidal potential of <i>Anabaena</i> strains by light and temperature	<i>Folia Microbiologica</i> (Springer)	2012	57 (3)	199-208	V. Chaudhary , R. Prasanna and A. K. Bhatnagar	ISSN 0015-5632	2.629	Yes	Yes 3301
9	Analyses of diversity among fungicidal <i>Anabaena</i> strains	<i>Journal of Applied Phycology</i> (Springer)	2012	24	1395-1405	V. Gupta, C. Natarajan, V. Chaudhary , A. Kumar, E. Sharma,	ISSN 1573-5176	3.404	Yes	Yes 4913

						J. Sharma, A. K. Bhatnagar and R. Prasanna				
10	Biochemical, structural and functional characterization of novel antifungal endoglucanases from <i>Anabaena laxa</i>	<i>Biocatalysis and Agricultural Biotechnology</i> (Elsevier)	2012	1	338 - 347	V. Gupta, R. Prasanna, V. Chaudhary and L. Nain	ISSN 1878-8181	-	Yes	No
11	Influence of phosphorus and pH on the fungicidal potential of <i>Anabaena</i> strains	<i>Journal of Basic Microbiology</i> (Wiley-VCH Verlag)	2013	53	201 - 213	V. Chaudhary, R. Prasanna and A. K. Bhatnagar	ISSN 1521-4028	2.281	Yes	Yes 4960
12	Cyanobacteria mediated plant growth promotion and bioprotection against <i>Fusarium</i> wilt in tomato	<i>European Journal of Plant Pathology</i> (Springer)	2013	136 (2)	337 - 353	R. Prasanna, V. Chaudhary, V. Gupta, S. Babu, A. Kumar, R. Singh, Y. S. Shivay and L. Nain	ISSN 0929-1873	2.262	Yes	Yes 3089
13	Deciphering the biochemical spectrum of novel cyanobacterium based biofilms for use as inoculants	<i>Biological Agriculture and Horticulture</i> (Taylor and Francis Group)	2013	29 (3)	145 - 158	R. Prasanna, A. Kumar, S. Babu, G. Chawla, V. Chaudhary, S. Singh, V. Gupta, L. Nain and A. K. Saxena	ISSN 0144-8765	1.357	Yes	Yes 1259
14	Evaluating the establishment and agronomic proficiency	<i>Experimental Agriculture</i> (Cambridge University Press)	2013	49 (3)	416 - 434	R. Prasanna, S. Babu, A. Rana, S. R. Kabi, V.	ISSN 0014-4797	2.234	Yes	Yes 3155

	of cyanobacterial consortia as organic options in wheat-rice cropping sequence					Chaudhary, V. Gupta, A. K., Y. S. Shivay, L. Nain and R. K. Pal				
15	Highly efficient bioenzyme functionalized biocompatible nanostructured Nickel Ferrite-chitosan nanocompatible platform for biomedical application	<i>The Journal of Physical Chemistry C</i> 117 (American Chemical Society)	2013	16	8491-8502	J. Singh, A. R. Choudhury, M. Srivastava, V. Chaudhary, R. Prasanna, D. Lee, H. L. Seung, B. Malhotra	ISSN 1932-7447	4.126	Yes	Yes 5947
16	Phytoremediation – A greener and sustainable technology for controlling toxicity of copper in soil	<i>Journal of Basic and Applied Engineering Research</i> (Krishi Sanskriti)	2015	3 (1)	56-59	R. Kathal, P. Malhotra and V. Chaudhary	ISSN 2350-0255	Cosmos impact factor 4.857	No	-
17	Phytoremediation of cadmium from polluted soil	Journal of Bioremediation and Biodegradation (OMICS International)	2016	7	6	R. Kathal, P. Malhotra and V. Chaudhary	ISSN 2155-6199	2.01	No	-
18	Pollution status of Yamuna river –A National Concern	International Research Journal of Environmental Science (International Science Community Association)	2016	5 (12)	1-6	R. Kathal, V. Chaudhary, L. Kumar and A. Puri	ISSN 2319-1414	Cosmos Impact Factor: 4.967	No	-
REVIEW PAPERS										
19	Rediscovering cyanobacteria as valuable sources of	<i>Applied Biochemistry and Microbiology</i> (SP MAIK Nanka/	2010	46 (2)	119-134	R. Prasanna, A. Sood, P. Jaiswal, S. Nayak,	ISSN 0003-6838	1.065	Yes	Yes 829

	bioactive compounds	Interperiodica)				V. Gupta, V. Chaudhary, M. Joshi and C. Natarajan				
20	New insights on biodiversity and applications of cyanobacteria (blue-green algae) -Prospects and Challenges	<i>Algal Research</i> (Elsevier)	2013	2	79-97	V. Gupta, S. K. Ratha, A. Sood, V. Chaudhary and R. Prasanna	ISSN 2211-9264	5.014	Yes	No
BOOK CHAPTERS										
21	Cyanobacteria-PGPR interactions for effective nutrient and pest management strategies in agriculture. Chapter 10	In: <i>Microorganisms in Sustainable Agriculture and Biotechnology</i> (Springer)	2012		173-195	Radha Prasanna, Anuj Rana, Vidhi Chaudhary , Monica Joshi and Lata Nain Eds: T. Satyanarayana, B.N. Johri and A. Prakash, Springer Science + Business Media B.V. Springer, Dordrecht, Newyork, London	ISBN 978-94-007-2214-9	-	-	-
22	Phytoremediation of Heavy Metals - A Greener and Sustainable Approach	In; Proceedings of Symposium "Environment and Sustainable Development: New Perspectives (Books and	2019		34-37	Rekha Kathal and Vidhi Chaudhary Eds: Rekha Kathal, Nidhi Gautam, Rama	ISBN 97881-93746	-	-	-

		Books Publishers)				Pasricha and Vidhi Chaudhary				
23	Liquid Organic Formulations for Sustainable Agriculture	In; Proceedings of Symposium “Environment and Sustainable Development: New Perspectives ” (Books and Books Publishers)	2019	-	45-48	Vidhi Chaudhary and Rekha Kathal Editors: Rekha Kathal, Nidhi Gautam, Rama Pasricha and Vidhi Chaudhary	ISBN 97881-93746	-	-	-
24	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)	2021	-	128-149	D. Sinha, S. Datta, V. Chaudhary , D. Banerjee and R. K. Chaudhuri (2021). DOI: 10.4018/978-1-7998-9498-8.ch008	ISBN 10-1799894983	-	-	-
25	Water Pollution of Wetlands: A global threat to Inland, Wetland, and aquatic phytodiversity.	In: The Handbook of Research on Monitoring and Evaluating the Ecological Health of Wetlands.(IGI Global Publishers)	2021	-	27-50	S. Datta, D. Sinha, V. Chaudhary , S. Kar and A. Singh DOI: 10.4018/978-1-7998-9498-8.ch003	ISBN 10-1799894983	-	-	-
26	The beneficial effect of traditional herbal medicine. In: Recent Progress in Medicinal Plants, Ethnomedic	In: Recent Progress in Medicinal Plants, Ethnomedicine and Pharmacognosy (Anu Books)	2022	-	85-110	S. Rani and V. Chaudhary Eds: A. Sharma, G. Malik and Sanyogita	ISBN: 978-93-90879-31-1	No	No	-

	ine & Pharmacognosy									
ARTICLE IN MGAZINE/ POPULAR ARTICLE										
27	Diversity analyses of cyanobacteria using polyphasic approaches – phenotyping, biochemical aspects and molecular tools.	In: <i>Bioprospecting microbes for agriculture</i> , (Eds. R. Prasanna, Lata, A.K. Saxena, and D.W. Dhar), Division of Microbiology, IARI, New Delhi 238-250	2009		238 - 250	R. Prasanna, M. Joshi, V. Gupta, C. Natarajan and V. Chaudhary	-	-	-	-
28	Novel microbe amended disease suppressive composts	ICAR News 17 (1): 10-11	2011			Radha Prasanna, Vidhi Chaudhary , Ajinath Dukare, Lata and Anil Kumar Saxena	-	-	-	-
29	Micropropagation of Anticancer Plants	In: Workshop Manual on Conservation of Medicinal Plants by Micropropagation, Department of Botany, Daulat Ram College, University of Delhi, New Delhi	2015		24-26	N. P. Malkami and V. Chaudhary	-	-	-	-
30	Sugar	In: Manual of In-house Skill Development Certificate Course on "Food Adulteration and	2017			V. Chaudhary	-	-	-	-

		Security" at Department of Botany, Daulat Ram College, University of Delhi								
31	Tea and Its Adulterants	In: Manual of In-house Skill Development Certificate Course on "Food Adulteration and Security" at Department of Botany, Daulat Ram College, University of Delhi	20 17			V. Chaudhary	-	-	-	-
32	Micropropagation of Plants	In: Inspire Manual at Daulat Ram College, University of Delhi 29-33	20 18		29- 33	R. Kathal, S. George and V Chaudhary	-	-	-	-
33	Yamuna: A sacred river or an open drain	In: Liana Botanical Society Magazine at Department of Botany, Daulat Ram College, University of Delhi 16-17	20 18		16- 17	Vidhi Chaudhary and Rekha Kathal	-	-	-	-
34	Environment and Sustainable Development: New Perspectives	Proceedings of Symposium (Books and Publishers)	20 19			Rekha Kathal, Nidhi Gautam, Rama Pasricha and Vidhi Chaudhary	ISBN 97881-93746	-	-	-
35	Environment: Science, Legislation, Politics and Ethics. FAO Digital Productions.	In: <i>Liana</i> Botanical Society Magazine at Department of Botany, Daulat Ram College,	20 23	-	-	V. Chaudhary and R. Kathal	ISBN 978-93-92603-05-1	-	-	-

		University of Delhi							
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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: *6th Annual International E-Conference of Indian Network for Soil Contamination Research (INSCR) on “Microbes in Sustainable Development”*, November 15 to 18.

ABSTRACT ACCEPTANCE 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 Upadhyay College, University of Delhi in association with Paryavaran Gatividhi, Sharanya (NGO), New Delhi (*Abstract Accepted*).

PROGRAMMES ORGANIZED

As Convenor

- **Convenor** of the **Workshop “Skills for Personal Growth, Entrepreneurship and Community Development”**, under IQAC organized by Department of Botany, Daulat Ram College, University of Delhi in collaboration with MOE’s Innovation Cell (MIC) and Institution’s Innovation Council (IEC) on 2nd May, 2024.
- **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 12th 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 10th 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 26th – 27th 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 14th – 15th 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 a One Day National Seminar on “Gandhi ke Sapna ka Bharat: Viksit Bharat @ 2047” under Gandhi Study Circle, Daulat Ram College, University of Delhi on 7th October, 2024.
- **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 28th 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 25th – 26th 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.

Research Projects (Major Grants/Research Collaboration)

September 2023 – Till Date

Working as a **Principal Investigator** in Daulat Ram College funded **Project** entitled “**Green the Red: A Sustainable Menstruation Initiative to fight Period Poverty**” under Navdhara Scheme at Daulat Ram College, University of Delhi, Delhi, India.

November 2015 - October 2016

Worked as a **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.

Awards and Distinctions

- ❖ **Young Scientist International Women Empowerment Award**, organized by Sardar Vallabhbhai Patel Science & Technology Organization, Regd. under Govt. of India, Jamia Nagar, New Delhi on 8 March, 2017.
- ❖ **I prize for Best Poster Presentation** entitled “**Pollution Status of Yamuna River - A National Concern**” in a National Seminar on *Water and Air Quality in Urban Ecosystem*, hosted by Department of Botany, Shivaji College, University of Delhi on 22 March, 2016.
- ❖ **I prize for Best Poster Presentation** entitled “**Influence of Cyanobacteria Induced Defense and Pathogenesis Related Mechanism in Tomato Plants against Fusarium Wilt Disease**” in a National Seminar on *Biotechnological Intervention for the Benefits of Mankind*, hosted by Anand Engineering College, Agra, from 2-4 February, 2012.
- ❖ **III prize for Best Poster Presentation** entitled “**Biological Control of Soil-Borne Fungal Disease by Novel Cyanobacteria Fortified Composts**” in *Rhizosphere3* International Conference, hosted by University of Western Australia, Perth, Western Australia, from 25-30 September, 2011.
- ❖ **DST Travel grant** for attending *Rhizosphere3* International Conference at Perth, Western Australia from 25-30 September, 2011.

Association with Professional Bodies

EDITORIAL BOARD FOR SCIENTIFIC JOURNALS

Reviewer of the research proposal for the College Research and Innovation Cell, Shivaji

College, University of Delhi, Delhi, January, 2023

Member of Reviewer Board for Acta Scientific Agriculture since July 2020
(ISSN: 2581-365X; Impact Factor: 1.014)

MEMBERSHIP OF SOCIETIES

Life Member of Association of Microbiologists of India since 20 November 2008
Life Member of Indian Network for Soil Contamination Research since November 2021

Other Activities (in last three years)

FDP/ FIP/ ORIENTATION PROGRAMME ATTENDED

- ❖ One Week National **Faculty Development Program** titled “**Hydroponics and Aeroponics Farming**” with Grade “**A**” organized by University of Delhi (Department of Botany and SEC Committee); Swami Shraddhanand College, University of Delhi; Shaheed Rajguru College of Applied Sciences for Women, University of Delhi; Chaudhary Charan Singh Hisar Agricultural University (CCSHAU), Hisar 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 (PMMMNMTT) of Ministry of Education from 04th September – 10th September, 2023. (required for promotion under CAS of UGC and AICTE).
- ❖ One Week National **Faculty Development Program** titled “**Organic Farming and Biofertilizers**” with Grade “**A+**” organized by University of Delhi (Department of Botany and SEC Committee); Swami Shraddhanand College, University of Delhi; Shaheed Rajguru College of Applied Sciences for Women, University of Delhi; Chaudhary Charan Singh Hisar Agricultural University (CCSHAU), Hisar 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 (PMMMNMTT) of Ministry of Education from 07th August – 13th August, 2023. (required for promotion under CAS of UGC and AICTE)
- ❖ One-Week Online National **Faculty Development Program** titled “**MOOCS and E Content Development**” with Grade “**A**” organized by Guru Angad Dev Teaching Learning Centre under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education, SGTB Khalsa College, University of Delhi from 25th May – 31st May, 2023.
- ❖ 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 (PMMMNMTT) of Ministry of Education from 25th February, 2023 to 27th March, 2023.
- ❖ Distance Learning **General Certificate Course On Intellectual Property** by World Intellectual Property Organization (WIPO) Academy from 02 August to 14 September, 2019.

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.

CONFERENCES/ SEMINAR ATTENDED (IN INDIA)

- One Day Training Programme on “Rainwater Harvesting for Teaching Staff” organized by Mahatma Gandhi Institute for Combating Climate Change (MGICCC), Bakoli, Alipur, Delhi on 10th September 2024.

- Webinar on “DELNET Resources and Services” organized by Developing Library Network (DELNET) jointly with Daulat Ram College, University of Delhi on 14th July 2023.
- International Conference on “**Insights into the latest developments in Fungal Biology**” organized by Department of Botany in association with Mahatma Hansraj Faculty Development Centre and Research Development Cell, Hansraj College, University of Delhi Delhi on 3rd September, 2022 (Online).
- National Conference on “**Sustainable Environmental Perspectives: A Journey from Ancient India**”, organized by Environmental Studies and Department of Botany, Deen Daya Upadhyaya College, University of Delhi in association with Paryavaran Gatividhi, Sharanya (NGO), New Delhi from 5-6 June, 2022 (Online).
- 6th Annual International E-Conference of Indian Network for Soil Contamination Research (INSCR) on “**Microbes in Sustainable Development**” organized in association with the Department of Zoology (DU), Acharya Narendra Dev College (DU), Deen Dayal Upadhyaya College (DU), Gargi College (DU), Kirori Mal College (DU), PG Department of Zoology (MU), Maitreyi College (DU), Ramjas College (DU), Sri Venkateswara College (DU), CMP College (AU), SGTB Khalsa College (DU), COCAS (PU) & Phixgen Pvt. Ltd., Gurugram from November 15 to 18, 2021.
- National Seminar on “**Innovation and Opportunities in Marine Bioresources & Biotechnology**” organized by Marine Biotechnology Laboratory, Department of Botany, University of Delhi & Cluster Innovation Centre (CIC), University of Delhi on 21st August, 2021.
- International Seminar on “**We’re part of the solution**” to celebrate **International Day for Biological Diversity** organized by The Environmental Society, PGDAV College and Department of Environmental Studies, PGDAV College, University of Delhi held on 22nd May, 2021.
- Two Day National e-Conference on “**Plant Science Research: Relevance, Funding, Challenges and Opportunities**” organized by Department of Botany, Hans Raj College in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi from 16-17 January, 2021.

TRAININGS/ WORKSHOPS ATTENDED (IN INDIA)

- Workshop on “**Role of Mushroom Cultivation in Women Empowerment: An Indian Perspective**” organized by Department of Botany, Kirori Mal College, University of Delhi on 01st April, 2023.
- Workshop on “**Capacity Building Workshop Series 1- Mushroom Cultivation**” organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 28th September, 2022.
- 6-Day Workshop on “**Microbes for Sustainable and Resilient Future**” sponsored by Science and Engineering Research Board under Scientific Social Responsibility organized by Delhi University Botanical Society, Department of Botany, University of Delhi, Delhi on December 6-11, 2021.
- One Day (Online) Workshop on “**How to catch Fake/Cloned/Predatory Journals in Academics**” organized by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi on 16th October, 2021.
- One Week (Online) Interdisciplinary Faculty Development Programme on “**Creation and Development of MOOC’s while managing online classes**” organized by Keshav Mahavidyalaya, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi from 24th August – 31st August 2021.
- National Virtual Hands – On Workshop “**Tools used in Biostatistics Research and Teaching**” organized by Department of Botany, Ramjas College, University of Delhi from 13th – 14th August 2021.

- One Week Online Faculty Development Program on **Environmental Audit** from 28th June – 2nd July, 2021 organized by Kirori Mal College, University of Delhi in collaboration with Pandit Madan Mohan Malviya National Mission on Teachers and Training (PMMMNMTT), Mizoram University, Aizwal.

As **EVALUATOR**

Evaluator for State Level Camp (Level – II), Delhi of Vidyarthi 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.

CONTRIBUTION TO COLLEGE

- 2024-25 : **Warden** of Daulat Ram College Hostel
: **Member** of Gandhi Study Circle
- 2023-24 : **Hostel In charge** of DRC Hostel (w.e.f. 25th October, 2023 to 10th March 2024)
Warden of Daulat Ram College Hostel from 11th March 2024 to till date
Co-Convenor of Extra Curricular Activities Committee (Till January 2024)
Member of Internal Quality Assurance Cell (IQAC)
Member of Garden Committee
Member of Eco Club
- 2022-23 : **Member** of College Annual Report Committee
Member of Campus Placement Cell
Member of Garden Committee
Member of Ranking Committee
- 2021-22 : **Member** of College Annual Report Committee
Member of Ranking Committee
Member of Garden Committee
Member of Library Committee
- 2021-25. : External and Internal Examinership** of University Practical Examination
- 2021-25. : **Paper Setting, Invigilation and Evaluation** of University Theory Exam Answer Sheets

EXTRACURRICULAR ACHIEVEMENTS

V. Chaudhary (2023). Anmol Sifar. In: Shreshtha Magazine under Women Development Cell, Daulat Ram College, University of Delhi (FA Digital Productions) ISBN: 978-93-92603-06-8

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

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