




Faculty Details Proforma

Title	Dr.	First Name	ARADHANA	Last Name	YADAV	Photograph
Designation		Assistant Professor				
Address		Daulat Ram College, Patel Marg 4				
Phone No. Office						
Residence						
Mobile No.						
Email – ID		aradhana@dr.du.ac.in				
Web Page						
Educational Qualification						
Degree		Institution			Year	
Bachelor of science(B.Sc.)		Ewing Christian college, Allahabad University			2002	
Master of Science(M.Sc.)		Deen Dyal Upadhyaya College, Gorakhpur University			2004	
Doctor of Philosophy(Ph.D), Botany		Jamia Hamdard, Delhi			2013	
Career Profile						
Administrative Assignments						
S.No.	Nature of Activity	Designation	Institution/Department	Period		
				From	To	
1	GENERIC ELECTIVE Co-ordinator for IV Sem- College level	ALLOCATOR	Daulat Ram College, DU	2023	2024	
2	DISCIPLINE SPECIFIC ELECTIVE Co-ordinator for IV Sem- College level	ALLOCATOR	Daulat Ram College, DU	2023	2024	
3	CORE COMMITTEE- Building maintenance committee	COMMITTEE-Member	completed	2023	2024	
4	CORE COMMITTEE MEMBER- ADMISSIONS- BOTANY	CORE-Member	Daulat Ram College, DU	2022	2023	
5	CORE COMMITTEE MEMBER- ADMISSIONS- LIFE SCIENCES	CORE-Member	Daulat Ram College, DU	2022	2023	
6	STAFF ADVISOR - VASUNDHARA- The Botanical	STAFF ADVISOR	Department of Botany, DRC	2022	2023	

Areas of Interest / Specialization

Plant Diversity, Plant anatomy and Embryology, Anatomy of Angiosperms, reproductive Biology, Economic Botany and Biotechnology,

Subjects Taught (in the last three years)

S.No	Course	Subject Taught	Semester	Year
1	BSc (Hons) Botany I Yr	DSC-1, Plant Diversity and Evolution-Theory and Practical	I Sem	2023-2024
2	BSc (Hons) Botany II Yr	Bryophytes, Pteridophytes and Gymnosperms-Practical	III Sem	2023-2024
3	BSc (Hons) Botany II Yr	Anatomy of Angiosperms-Practical	IV Sem	2023-2024
4	BSc (Hons) Botany I Yr	Plant Resources and Economic Botany	II Sem	2023-2024
5	BSc I Yr	Environmental studies	II Sem	2023-2024
6	BSc (Hons) Botany III Yr	DSC-12, Development Biology of Angiosperms	V Sem	2023-2024
7	BSc (Hons) Botany I Yr-Sem-I	DSC-2, CELL BIOLOGY: Organelles and Biomolecules	II Sem	2023-2024

S.No	Course	Subject Taught	Semester	Year
1	B.Sc (Hons) Botany I Yr	DSC-1, Plant Diversity and Evolution	I Sem	2022-2023
2	B.Sc (Hons) Botany I Yr	DSC-5, Plant Resources and Economic Botany	II Sem	2022-2023
3	B.Sc (Hons) Botany III Yr	Reproductive Biology of Angiosperms	V Sem	2022-2023
4	B.Sc Life Sciences III Yr	Economic Botany and Biotechnology	VI Sem	2022-2023

5	BSc Hons Botany II Yr	Anatomy of Angiosperms	III Sem	2022-2023
6.	BSc Life Sciences II Yr	Plant Anatomy and Embryology	III Sem	2022-2023
7	B.Sc Life Sciences I Yr	Plant Diversity and Sytematics	I Sem	2022-2023

S.No	Course	Subject Taught	Semester	Year
1	B.Sc Life sciences I Yr	Biodiversity	I	2021-2022
2	B.Sc (Hons) Botany II Yr	Anatomy of angiosperms,	III	2021-2022
3	B.Sc (Hons) Botany I Yr,	Plant Ecology and Taxonomy	II	2021-2022
4	B.Sc (Hons) botany III Yr	Plant metabolism,	V	2021-2022
5	BSc Life Sciences II Yr	Plant Anatomy and Embryology	III	2021-2022
6	BSc Life Sciences II Yr	Plant physiology and Metabolism	IV	2021-2022
7	BSc (Hons Botany) III	Analytical techniques	V	2021-2022
8	BSc Hons II Yr-GE-4	Economic Botany and Biotechnology	IV	2021-2022
9	BSc Hons Botany III	Industrial and Environmental microbiology	VI	2021-2022

Research Guidance

NIL

Publications Profile (in the last three years)

S.No.	Topic of Article	Name of the journal	Year	Authors	ISBN No.
1	Article-Bio Composting and Manuring: A way towards sustainable agriculture	Lianas	2023-2024	Meenam Bhatia, Pratibha Kumari and Aradhana Yadav	978-93-92603-05-1
2	Bryophytes: Why they are Important. (2023).	Lianas	2022-2023	Pratibha Kumari, Aradhana Yadav and Meenam Bhatia	978-93-92603-05-1
3	Ethnobotanical Studies and Traditional Knowledge Plants. (2023)	Lianas	2022-2023	Aradhana Yadav , Pratibha Kumari and Meenam Bhatia	978-93-92603-05-1
4	“Exploring the Morphogenetic Diversity in fern gametophytes and their	Lianas	2022-2023	Meenam Bhatia, Pratibha Kumari and Aradhana Yadav	978-93-92603-05-1

	potential in Plant Science Research (2023)				
5	Development of Sequence Characterized Amplified Region (SCAR) Marker for the authentication of <i>Bacopa monnieri</i> (L.) Wettst.,2012.	European Journal of Medicinal plants	2012	Aradhana Yadav	2(3), 186-198. 2231-0894
6	Development of Randomly Amplified Polymorphic DNA-Sequence Characterized Amplified Region Marker for the authentication of <i>Swertia chirayita</i> , an Endangered Himalayan Plant.	Journal of Plant Molecular Biology and Biotechnology	2012	Aradhana Yadav	3(1),27-34, 2446-0302
7	Quantitative determination of swertiamarin in <i>Swertia chirayita</i> by HPTLC.,2013	International Journal of Engineering Research and General Science	2013	Aradhana Yadav	2 (6), 89-92, 2091-2730
8	Conservation of Potent Anti-Cancerous Medicinal Plants of India by Micropropagation-A review.,2016	International journal of Biotechnology and Biomedical sciences	2016	Aradhana Yadav	

Conference Organization / Presentation (in the last three years)

S. No.	Year	Details	Place	Period		Sponsoring/Organising Agency
				From	To	
1	2022-2023	One day Workshop on “Capacity building Workshop –MUSHROOM CULTIVATION	Department of Botany, DRC	28 Sept, 2022		Daulat Ram College, DU
2	2022-2023	One day Workshop on “Capacity building Workshop-Intellectual Property rights	Department of Botany, DRC	17 Jan, 2023		Daulat Ram College, DU
3	2022-2023	Co-Convenor, Organised PAPER PRESENTATION Competition-Recover, Recycle and Reuse	Department of Botany, DRC	9 Nov, 2022		Daulat Ram College, DU

4	2022-2023	Workshop on Workshop,“Learning Gardening Techniques - A Step Towards Entrepreneurship” - “Basic Techniques for Home Gardening-Series I” Under IQAC	Garden Committee, DRC	14 Sep, 2022		Daulat Ram College, DU
5	2022-2023	Co-Convenor-Workshop,“Learning Gardening Techniques - A Step Towards Entrepreneurship” Series II Topic - Developing a Herbal Garden: Nature to Nurture with Ayurveda	Garden Committee, DRC	10 Feb, 2023		Daulat Ram College, DU
6	2022-2023	Organising Member,Workshop “Learning Gardening Techniques - A Step Towards Entrepreneurship” Series III Topic – Bonsai and Penjing Workshop Series (Under IQAC)-	Garden Committee, DRC	12 April, 2023		Daulat Ram College, DU
7	2021-2022	Member of organising Committee-Skill Development Programme”Think Smart Think Green	Eco-Club “Dhara”, DRC	4 th Oct, 2021	9 th Oct, 2021	Daulat Ram College, DU
8	2021-2022	Organizing member-In-house Skill Development Programme under IQAC TOPIC-“Disease prevention by Natural remedies and Identification of active ingredients	Online mode, Department of Botany & Chemistry, DRC	20 Dec, 2021	27 Dec, 2021	Daulat Ram College, DU
9	2021-2022	Organizing member-Two day Workshop on “Learning Reproductive Biology with fluorescence microscopy”	online organised by Department of Botany, DRC	25 Aug, 2021	26 Aug, 2021	Daulat Ram College, DU
10	2021-2022	Organizing Member-Lecture cum workshop on “Pollinators, Pollinators Dependent Plants and Conservation Values”	Online Department of Botany, DRC	4 Aug, 2021		Daulat Ram College, DU
11	2021-2022	Organizing member and Resource person- “Think Smart Think Green”,	online Eco –Club, Dhara	9 Oct, 2021	14 th Oct, 2021	Daulat Ram College, DU

Research Projects (Major Grants/Research Collaboration)
NIL
Awards and Distinctions
<ul style="list-style-type: none"> ➤ CSIR-UGC NET -2005 (Life Sciences) ➤ GATE - 2005 (Life Sciences) ➤ CSIR-JRF- 2008 (Life Sciences)
Association with Professional Bodies
NIL
Other Activities (in last three years)

S.No.	ACTIVITIES	YEAR
1	IN-HOUSE SKILL DEVELOPMENT PROGRAM “Enhancing Learning Through ICT Tools” UNDER IQAC	2023-2024
2	NATIONAL FACULTY INDUCTION PROGRAMME - One-Month Programme- Grade A	2022-2023
3	REFRESHER COURSE-INDIAN FOLK TRADITIONS: A TAPESTRY OF DIVERSITY - Two weeks Programme – Grade A⁺	2022-2023
4	FACULTY DEVELOPMENT PROGRAM -“ MOOCS AND E-CONTENT DEVELOPMENT”-One Week Programme- Grade A	2022-2023
5	FACULTY DEVELOPMENT PROGRAM ULOCKING DIGITAL PEDAGOGIES: ICT IN ACADEMICS-One Week	2022-2023
6	FACULTY DEVELOPMENT PROGRAM –“NEP 2020”, Orientation and Sensitization programme -10 days	2022-2023
7	Career counselling for students of Botany, Zoology and Chemistry- by CHEM ACADEMY	2022-2023
8	Career counselling for students of Botany, Zoology and Chemistry- by PHYSICS WALLAH, ONLY IAS	2022-2023
9	Organized Research methodology cum workshop-Role of Taxonomy in authentication of plants, research and methodology	2022-2023
10	Organized Research methodology cum workshop- Basics of writing a research paper	2022-2023
11	STAFF ADVISOR of Vasundhara “The Botanical Society” Department of Botany, DRC	2022-2023
12	EDITOR of Lianas ” 2022-2023-The Annual Journal, Department of Botany, DRC ISBN No.- 978-93-92603-05-1	2022-2023
13	GARDEN COMMITTEE- CO-CONVENOR	2022-2023
14	EVALUATOR and organizing member for STATE LEVEL CAMP	2022-2023

	– VIDYARTHI VIGYAN MANTHAN	
15	Organized Awareness Programme “ Say no to Plastic Pollution”- Eco-Club “DHARA”	2022-2023
16	Organized Awareness Programme Environment day Celebration, Theme-“ Solution to Plastic solution”- Eco-Club “DHARA”	2022-2023
17	Resource Person on SKILL DEVELOPMENT PROGRAMME on ICT TOOLS	2022-2023
18	Attended -FACULTY DEVELOPMENT PROGRAMME on Wildlife Conservation and Management-one week online	2021-2022
19	Member of organizing Committee-Skill Development Programme ”Think Smart Think Green”	2021-2022
20	RESOURCE PERSON-In-house skill Development Programme under IQAC, TOPIC-“Disease prevention by Natural remedies and Identification of active ingredients	2021-2022
21	Organized Workshop on “Learning Reproductive Biology with fluorescence microscopy”	2021-2022
22	Organized Lecture cum workshop on “Pollinators, Pollinators Dependent Plants and Conservation Values”	2021-2022
23	Organized National workshop-Raising Awareness on Urban Air Quality, Climate Change, Health and e-resilience Ministry of Science and Technology (DST), Government of India	2021-2022
24	Attended SEMINAR with DRC Students on Racial Diversity Sensitization at Vigyan Bhawan, New Delhi -	2021-2022
25	Organized RESOURCE PERSON- SKILL DEVELOPMENT PROGRAMME-“Think Smart Think Green”, Eco–Club “DHARA”	2021-2022
26	Shatabadi Vriksharopan Samaroh- A centenary year celebration- PLANTATION DRIVE	2021-2022
27	E-WASTE collection drive, PANASONIC under HARIT UMANG	2021-2022
28	Organized and Participated in the Annual Flower show of University of Delhi (2021-2014 and received prizes under different categories by representing Department of Botany, Daulat Ram College.	2021-2024