




## Faculty Details Proforma For College Website



<b>Title</b>	<b>PROF</b>	<b>First Name</b>	<b>RAMA PASRICHA</b>	<b>Last Name</b>	<b>GIROTRA</b>	<b>Photograph</b>																																					
<b>Designation</b>		<b>PROFESSOR</b>																																									
<b>Address</b>		<b>DEPARTMENT OF BOTANY, DAULAT RAM COLLEGE, UNIVERSITY OF DELHI</b>																																									
<b>Phone No. Office</b>																																											
<b>Residence</b>																																											
<b>Mobile No.</b>		-																																									
<b>Email - ID</b>		<b>ramapasricha@yahoo.co.in</b>																																									
<b>Web Page</b>																																											
<b>Educational Qualification</b>																																											
<b>Degree</b>		<b>Institution</b>			<b>Year</b>																																						
B.Sc Hons.		University of Delhi			1979																																						
M.Sc. 'A' Grade		University of Delhi			1981																																						
M.Phil. 'O' Grade		University of Delhi			1982																																						
Ph.D		University of Delhi			1987																																						
<b>Career Profile</b>																																											
<p><b>Professor, Department of Botany, Daulat Ram College.</b>            With Daulat Ram College as faculty since July 1988</p>																																											
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<b>Administrative Assignments</b>																																											
<ul style="list-style-type: none"> <li>▪ Teacher in Charge, Department of Botany 2022-23</li> <li>▪ Member, Committee of Courses – Botany (2022-24) University of Delhi</li> <li>▪ Convenor, Development and Maintenance Committee</li> <li>▪ Faculty Representative – UGC Building Committee</li> <li>▪ Member Teaching Program Committee</li> <li>▪ Member, Purchase Committee</li> <li>▪ Member, Discipline committee</li> <li>▪ Member, Prize Committee</li> </ul>																																											

- Convenor, Garden Committee
- Member, Garden Committee
- Staff Advisor, Life Science Association
- Staff Advisor, Botanical Society
- Deputy Superintendent of Examination (Category A)
- Deputy Superintendent of Examination for conducting Mock and final OBE examination during Covid

### Areas of Interest / Specialization/ Recent Research

Mycology and plant pathology, Economic Botany, Biodiversity Conservation, Climate Change Impact, Mitigation and Adaptation, Plant Growth Promoting Rhizobacteria and other Microbes

### Subjects Taught

Mycology and Plant Pathology, Economic Botany, Genetics, Biotechnology, Environment Sciences, Biofertilizer, Biodiversity, Plant Resource Utilisation; Plant Pathology

### Publications Profile

Research Papers: 11 in Indian and International journals – Peer Reviewed and UGC Care/Scopus

Chapters in Books: 09

Articles in Journals: 10

Conference/Workshop Proceedings: 08

### Recent Publications:

1. Water Chestnut peel Facilitated biogenic synthesis of Zinc Oxide nanoparticles and their Catalytic Efficacy in the Ring opening reaction of Styrene Oxide; *Chemistry Select*, 2021/06, 8315-8322, ISSN - 2365-6549 (Joint authorship) – **UGC Care** 6793-21100850505
2. Feeding 10 billion in the Age of Climate Change - A challenge and an opportunity for Botanists, *Lianas 2023 (single author)*; ISBN - 978-93-92603-05-1
3. Co-author in Paper presentation titled, “Prevalence of pharmaceuticals in wastewater post-covid-19” by Asmita Gupta, Madan Kumar, and Rama Pasricha in 4<sup>th</sup> World Environment Summit, 2023, held from 4<sup>th</sup> to 6<sup>th</sup> November, 2023, at Galgotias University, Greater Noida, Uttar Pradesh, India.
4. Gupta A., Swati, Kumar M., Pasricha R. (2024). Recent Advancements In The Toxicological Assessment And Bacterial -Mediated Biodegradation Pathways Of Paracetamol. Futuristic Trends in Biotechnology. IIP Series, Volume 3, Book, Part ,Chapter. Iterative International Publishers (IIP) Edited Book Series. ISBN Volume 3, 2023; Book 1 ISBN E 978-93-6252-067-8 ISBN P 978-93-6252-983-1
5. Alien Invasive Species, Biodiversity Loss and Climate Change: A Viral Trinity of Disaster in the Making – Lead article in Liana 2024; ISBN , Single author
6. Invasive Alien Species in India and their Impact - *Dr Rama Pasricha\**, *Dr. Rekha Kathal\*\**, *Dr. Asmita Gupta – Liana 2024*
7. Plant Pathology Challenges in the age of Climate Change - *Dr. Rama Pasricha, Dr. Asmita Gupta; ESDA 2024*

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

- Member of the organizing committee International Conference on Effective Strategies for Biodiversity Conservation. March 23 - 24, 2021 Department of Botany, DR College, University of Delhi
- Member of the organizing committee National Gene Bank – Conserving Biodiversity for Food Security June 14, 2021. Botanical Society, Department of Botany, Daulat Ram College, University of Delhi
- Member of the organizing committee Vasundhara Orchids 2021 Botanical Society Annual Festival Daulat Ram College, University of Delhi Feb 24-26, 2021 ,

- Member of the organizing committee Future Prospects and Career Options in Data Science Daulat Ram College, University of Delhi Jan 29, 2021
- Member of the organizing committee Workshop on Learning reproductive biology with fluorescence microscopy organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi on 25<sup>th</sup> August 2021.
- Member of Organizing Committee in Workshop “Basic Techniques for Home Gardening – Series – I” organized by Garden Committee, Daulat Ram College, University of Delhi on 14<sup>th</sup> and 15<sup>th</sup> September, 2022.
- Member of Organizing Committee of Workshop on “Capacity Building Workshop Series 1- Mushroom Cultivation organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 28<sup>th</sup> September 2022.
- Member of Organizing Committee of Workshop on “Capacity Building Workshop Series II- Intellectual Property Rights organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 17<sup>th</sup> January 2023.
- Member of Organizing Committee of Workshop on “Learning gardening techniques: A step towards entrepreneurship–Series II- Developing a Herbal Garden: Nature to Nurture with Ayurveda” organized by Garden Committee, Daulat Ram College, University of Delhi on 10<sup>th</sup> February, 2023.
- Member of Organizing Committee of Workshop on “Learning gardening techniques: A step towards entrepreneurship– Series III- Bonsai and Penjing” organized by Garden Committee, Daulat Ram College, University of Delhi on 12<sup>th</sup> April, 2023.
- Member of Organizing Committee of An International Seminar on “Microplastics and its remediation” Department of Botany, Daulat Ram College, University of Delhi on 14<sup>th</sup> June 2023.
- Member of Organizing Committee Lecture Series
  - a. Underground Revolution Rooting for Food Security
  - b. Basics of Writing a Research Papers
  - c. Role of Taxonomy in authentication of Plants, Research and Development

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

1. Participatory Learning and Action (PLA) and Risk Assessment based evaluation of environmental quality and public health of communities near Landfill sites in Delhi-NCR. Indian Council of Social Science Research Submitted Project under Minor category on 9/9/2021
2. Sustainable Approach for Recycling of Biodegradable Waste of DRC Campus. Project proposal submitted under Navdhara Scheme, August 2022

#### Awards and Distinctions

National Education Excellence Award on National Education Day 2021	Teaching and Research Accomplishment	IMRF Institute of Higher Education & Research, - Niti Aayog & GOI Regd	National	Nov. 2021
<b>ESDA Eminent Scientist Award 2024</b>	Teaching and Research Accomplishments	<b>5th World Environment Summit 2024,</b> Environment and Social Development Association (ESDA), New Delhi	National	Nov. 2024

#### Association with Professional Bodies

- Indian Science Congress,
- ESDA – Environment and Social Development Association
- IMRF-International Multidisciplinary Research Foundation
- INSCR -Indian Network for Soil Contamination Research
- Indian Phycology Society
- Indian Women Scientist Association