


Title	Ms.	First Name	RUCHITRA	Last Name	GUPTA	Photograph
Designation	Assistant Professor (AL-12)					
Address	Department of Botany, Gargi College, Siri Fort Road, University of Delhi, New Delhi- 110049					
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Web-Page						
Educational Qualifications						
Degree	Institution				Year	
M.Sc. Botany	Miranda House, University of Delhi				2007	
B.Sc. (Hons.) Botany	Miranda House, University of Delhi				2005	
Career Profile						
Teaching experience- 14 years.						
Administrative Assignments						
<ul style="list-style-type: none"> • Member of Committee of Courses for Honours, Post-graduate and Research Studies (2023-2025), Department of Botany, University of Delhi. • Member of Departmental Website Committee, Gargi College, in the academic session 2022-23 and 2023-24. • Member of Departmental Time Table Committee, Gargi College, in the academic session 2022-23 and 2023-24. • Member of Departmental NAAC Committee for the academic session 2022-23 and 2023-24. • Member of Screening Committee of application for the post of Assistant Professor in Department of Commerce, Gargi College for the academic session 2022-23. • Member of Admission Committee of B.Sc. (H) Botany in the academic session 2021-2022. • Member of Admission Committee of B.Sc. (Prog.) Life Sciences in the academic session 2019-2020. 						

- Faculty Advisor of **Gargi College Botanical Society “Taru”**, Department of Botany, in academic session 2020-2021.
- Faculty Advisor of **Gargi College Botanical Society “Taru”**, Department of Botany, in academic session 2019-2020.
- Member of **Garden Committee**, Gargi College (2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-24).
- Member of **EcoClub**, Gargi College (2016-2017, 2017-2018, 2022-2023, 2023-24).

Areas of Interest / Specialization

Plant Ecology, Plant Anatomy, Medicinal Botany, Phycology, Microbial Genetics

Subjects Taught

Course: B.Sc.(H) Botany, B.Sc.(Prog.) Life Sciences

Papers: Anatomy of Angiosperms, Plant Ecology and Phytogeography, Phycology, Medicinal Botany, Cell biology, Plant Anatomy and embryology, Industrial and Environmental Microbiology, Environmental Studies, Environmental Biology, Plant Biotechnology, Archegoniatae. Biology-I, Biology- II.

Recent Publications

- Authored a book entitled, **“Medicinal and Ethnobotany”**, published by Genic Book Publishers Pvt.Ltd, Agra (India), March 2023, ISBN: 978-81-971354-7-7.
- **Organic Farming: A Sustainable Agricultural Practice**, Vantage: Journal of Thematic Analysis, 2022; 3(1): 21-44, ISSN: 2582-739.
- **Some Traditional Spices with Potential Home Remedies: A Review**, Scope of Phytochemically unexplored Medicinal Plants, pp 45, 2017 [ISSN: 978-1-63535-013-5]
- **Mitigating Climate Change Effect: An Indian Perspective**, Environment and Chemistry (Book Chapter) Campus Books International, 45-49, 2015 [ISBN 987-81-8030-432-3]
- **Screening of some medicinally important plants for their antifungal activity against *Fusarium oxysporum* and *Aspergillus parasiticus***, International Journal of Herbal Medicine 1(6), 51-54, 2014 [ISSN:2321-2187]
- **Botanical Gardens-way to sustainability and ex-situ conservation**, International Journal of current research 6(4), 2014 [ISSN: 0975-833X]
- **Modern tools for identification of plants, Plant Taxonomy: Past, Present and Future**, TERI Publication 2012 [ISBN: 978-81-7993-359-6]

Conference Organization/ Presentations

- Awarded with **Certificate of Appreciation for Poster Presentation entitled “A Bioinformatics approach for discovery of Dengue RNA dependent RNA polymerase inhibitors”** authored by Mr. Anand Kumar Pushker & Ms. Ruchitra Gupta in the Two-days virtual International Conference on “Bioinformatics in Biology: From Pre-requisite to Post-requisite”, March 2-3, 2024, organized by the Department of Botany, Gargi College, University of Delhi and funded by Department of Biotechnology, Government of India.
- Presented a **Poster entitled 'Organic Farming for Viksit Bharat'**, authored by Dr. Priyanka Pandey & Ruchitra Gupta, in one day Annual National Conference on “Advances in Plant Biology (APB-2024): Innovations & Strategies for Sustainable Agricultural Productivity for Viksit Bharat@2047” organised by Department of Botany, Hansraj College in collaboration with Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), February 10, 2024
- Organizing Committee member of **Inauguration of Compost Pit and distribution of compost**, organized by Garden Committee Gargi College, University of Delhi on 12 Dec. 2023.
- Organizing Committee member of **Tree Plantation Drive by Departments and Societies (Year round activity)** for the academic session 2023-24, organized by Garden Committee, Gargi College, University of Delhi.
- Organizing Committee member of **Inaugural Session of Training Series: Biocomposting Methods** organized by Garden Committee in association with Department of Botany, Gargi College held on 5th June 2023.
- Organizing Committee member of **Flower Show** organized by Garden Committee and Department of Botany, Gargi College held on 15th March 2023.
- Organizing Committee member of **Ist Flower Show** organized by Garden Committee and Department of Botany, Gargi College, in 2019-2020.
- Paper presentation on “**Ayurveda: Knowing Our self and Nature**” in National Seminar on “Use of Scientific & Technical Terminologies in Sustainable Environmental Development, its Challenges, Computational Analysis and Opportunities”, held at Gargi College, University of Delhi from 14-16 March 2019.
- Resource person in **Workshop on Laboratory Methods and techniques**, organised by Department of Botany, Gargi College, in 2019-2020.
- Member of organizing committee of **Workshop on Laboratory Methods and**

techniques , organized by Department of Botany, Gargi College, in 2019-2020.
Research Projects (Major Grants/Research Collaboration)
<ul style="list-style-type: none"> • Minor project under DBT Star College Scheme on the topic, “Investigation on the effect of microwave radiations on seed germination and seedling growth in some of the economically important plant species” in the year 2015-2016.
Awards and Distinctions
<ul style="list-style-type: none"> • Awarded CSIR-NET (JRF) in Life Sciences held on 17th June 2007. • Cleared GATE 2007. • Ranked IIIrd in M.Sc. (F) Botany Examination in Department of Botany, D.U. in 2007 and awarded with University Rankers Prize in Miranda House, D.U., for the same. • Awarded for ranking Ist in M.Sc. (P) Botany Examination in Miranda House, D.U. in 2006. • Awarded for ranking Ist in B.Sc. (Hons.) Botany Part III examination in Miranda House, D.U. in 2005. • Awarded for being Best Student in Department of Botany, Miranda House, D.U. in 2005. • Awarded Lakshmi Krishnaswami Prize in Miranda House in the year 2005. • Awarded Lakshmi Krishnaswami Prize in Miranda House in the year 2007.
Association With Professional Bodies
Member of Delhi University Botanical Society
Other Activities
Member of Gargi College Botanical Society, Department of Botany, Gargi College. Mentoring of B.Sc. (H) Botany I Yr., B.Sc.(H) Chemistry II & III Yr., B.A. (H) Hindi II Yr.

Date: 10 July 2024

Place: New Delhi