


Title	Ms.	First Name	<b>RUCHITRA</b>	Last Name	<b>GUPTA</b>	Photograph
Designation		Assistant Professor (AL-12)				
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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- 12 years.						
Administrative Assignments						
<ul style="list-style-type: none"> <li>• Member of <b>Garden Committee</b>, Gargi College (2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023).</li> <li>• Member of <b>EcoClub</b>, Gargi College (2016-2017, 2017-2018, 2022-2023).</li> <li>• Faculty Advisor of <b>Gargi College Botanical Society "Taru"</b>, Department of Botany, in academic session 2020-2021.</li> <li>• Faculty Advisor of <b>Gargi College Botanical Society "Taru"</b>, Department of Botany, in academic session 2019-2020.</li> <li>• Member of <b>Admission Committee</b> of B.Sc. (Prog.) Life Sciences in the academic session 2019-2020.</li> <li>• Member of <b>Admission Committee</b> of B.Sc. (H) Botany in the academic session 2021-2022.</li> </ul>						
Areas of Interest / Specialization						
Plant Ecology, Plant Anatomy, Medicinal Botany, Phycology, Microbial Genetics						
Subjects Taught						
B.Sc.(H) Botany, B.Sc.(Prog.) Life Sciences						
Recent Publications						

- 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]
- Mitigating Climate Change Effect: An Indian Perspective Environment and Chemistry (Book Chapter) Campus Books International, 45-49, 2015 [ISBN 987-81-8030-432-3]
- Some Traditional Spices with Potential Home Remedies: A Review, Scope of Phytochemically unexplored Medicinal Plants, pp 45, 2017 [ISSN: 978-1-63535-013-5]
- Organic Farming: A Sustainable Agricultural Practice, Vantage: Journal of Thematic Analysis, 2022; 3(1): 21-44, ISSN: 2582-739.

#### Conference Organization/ Presentations

- Member of organizing committee of workshop on Laboratory Methods and techniques, organized by Department of Botany, Gargi College, in 2019-2020.
- Resource person in workshop on Laboratory Methods and techniques, organised by Department of Botany, Gargi College, in 2019-2020.
- Organizing Committee member of 1st 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.
- Organizing Committee member of Flower Show organized by Garden Committee and Department of Botany, Gargi College held on 15<sup>th</sup> March 2023.
- 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 5<sup>th</sup> June 2023.

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

**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

- 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.  
Mentor of B.Sc. (H) Botany students.