




Faculty Details Proforma For College Web-site



Title	Dr.	First Name	Remya	Last Name	Krishnan	Photograph
Designation	Assistant Professor					
Address	Daulat Ram college, 4, Patel Marg, Maurice Nagar, Roop Nagar, Delhi, 110007					
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Residence	Daulat Ram college, 4, Patel Marg, Maurice Nagar, Roop Nagar, Delhi, 110007					
Mobile No.	91xxxxxxxxxx					
Email - ID	remya@dr.du.ac.in					
Web Page						
Educational Qualification						
Degree	Institution				Year	
B. Sc. (Hons.) Botany	Deshbandhu College, Delhi University				2007-10	
B.Ed.	Amity University				2010-11	
M. Sc. Botany	Miranda House, Delhi University				2011-13	
Ph.D.	Department of Botany, Delhi University				2013-19	
Career Profile						
S.No.	Designation	Institution		Time Period	Nature of Appointment	
1.	Assistant Professor	Kalindi College, University of Delhi		24, July 2019 to 19, January 2023	Adhoc	
2.	Assistant Professor	Daulat Ram College, University of Delhi		20, January 2023 to till Date	Permanent	

Administrative Assignments

Name of Institute	Designation	Time period	Experience
❖ Kalindi college, Delhi University	Co-convenor General Assembly	2021-2022	One year
❖ Kalindi college, Delhi University	Convenor of Botanical Society “Amaranth”	2021-2022	One year
❖ Kalindi college, Delhi University	Co-convenor of Botanical Society “Amaranth”	2022-2023	One year
❖ Kalindi college, Delhi University	Convenor of Biochemical Society	2022-2023	One year
❖ Kalindi college, Delhi University	Garden committee member	2022-2023	One year
❖ Daulat Ram College, Delhi University	Member, Annual Report	2022- 2023	One year
❖ Daulat Ram College, Delhi University	Convenor, Annual Report	2023- 2024	One year
❖ Daulat Ram College, Delhi University	Member, Garden Committee	2022- 2023	One year
❖ Department of Botany, Delhi University	Guidelines setter for practical examination for paper “Plant Diversity and Human Welfare”.	2022- 2023	
❖ Daulat Ram College, Delhi University	Member, NIRF	2024- 2025	Current
❖ Daulat Ram College, Delhi University	Member, IQAC	2024- 2025	Current
❖ Daulat Ram College, Delhi University	Deputy Superintendent, Examination SOL	2024- 2025	Current

Areas of Interest / Specialization

Plant Taxonomy, Plant Anatomy; Embryology of angiosperms; Plant Reproductive Biology; Mycology; Plant Systematics; Cell Biology of Plants: Organelles and Biomolecules; Microbiology etc.

Subjects Taught

Plant Taxonomy and Anatomy; Embryology of angiosperms; Plant Reproductive Biology; Mycology; Plant Systematics, Biofertilizers; Plant Ecology; Archegoniatae; Cell and Molecular Biology etc.

Research Guidance

Publications Profile

- ❖ Remya Krishnan, Priyanka Khanduri, and Rajesh Tandon. "Floral biology, pollination mechanism and embryo development in *Zeylanidium maheshwarii* (Podostemaceae)." *Vegetos* 32 (2019): 216-222. Impact factor- 0.2 (Scopus Indexed).
- ❖ Remya Krishnan, Priyanka Khanduri, and Rajesh Tandon. "*Zeylanidium manasiae*, a new species of Podostemaceae based on molecular and morphological data from Kerala, India." *PhytoKeys* 124 (2019): 23. Impact factor- 1.2 (Scopus Indexed).
- ❖ Sunanda Mandal and Remya Krishnan, 2021. Fungi: The budding source for biomaterials. *Microbial Biosystems*, 6(1), pp.55-65. Impact factor: 0.81 (Peer Reviewed).
- ❖ Remya Krishnan, Priyanka Khanduri and Rajesh Tandon, 2023. Developmental of pollen dyads in *Polypleurum munnarens* Nagendran & Arekal (Podostemaceae): Insights into the Plant's Reproductive Strategy. *Flora*, p.152331. Impact factor- 2.2 (Scopus Indexed).
- ❖ A checklist on wild nutraceutical tuberous plants of India. *Indian Forester*, May edition, 2023 (UGC care list 2023).
- ❖ Uchetana Mukherjee, Deepa R Hebbar, Sk Sahanawaz Alam, Remya Krishnan, Bhagwati Prashad Sharma, Sweta Mishra and Sanjeet Kumar, 2024. Medicinally Important Plants of Bignoniaceae Family and their Pharmacological Potential. *African Journal of Biological Sciences*, p.4856. Impact Factor- 0.2 (Scopus Indexed).
- ❖ Krishnagesham Sidharthan, Sisanth, Keloth Paduvilan, J., Velayudhan, P., Kaliyathan, A.V., Remya Krishnan, Zapotoczny, S. and Thomas, S., 2024. Understanding the Morphology and Cross-Link Density in Silicone Rubber-Multiwalled Carbon Nanotube Composites via Solvent Transport Studies. *Journal of Polymer Science*. Impact factor-3.4 (Scopus Indexed).
- ❖ **Kumari, K. and Krishnan, R. 2024.** Pharmacological Significance and Curative Potential of Seabuckthorn-A Traditional Tibetan Medicinal Plant in Cold Desert Himalayas. *Annals of Plant Sciences* Volume-13: Issue-11- 2024 (Impact factor- 0.5, Peer reviewed)
- ❖ **Book Chapter-** "Aerial Parasitic Plants: Sources of natural novel herbal drugs against microbial infections" in **Medico-Bio- Wealth of India Vol IV**, APRF publishers, 2021. ISBN number: 9-788195-275083
- ❖ **Book Chapter-** "Medicinal Herbs: Importance and its applications" in **Lianas** pg. 76-83. ISBN number 978-93-92603-05-1
- ❖ **Book Chapter-** Sea buckthorn (*Hippophae rhamnoides* L.)-a wonderful stress-resistant and ecologically adaptable medicinal plant of the Himalayan cold desert region. *Lianas College Magazine*, ISBN-978-93-92603-46-4
- ❖ **Co-editor of Botanical newsletter "Amaranth Times"** volume 2 Issue 2 August 2022, Kalindi College, Delhi University.
- ❖ **Co-editor of Botanical newsletter "Amaranth Times"** volume1 Issue 1 November 2021, Kalindi College, Delhi University.

Conference Organization / Presentation (in the last three years)

- ❖ **Presented** a poster on “Conserving the Indian Medicinal plants through a ten-step method” at National (online) seminar in advancement of plant sciences for food diversity and nutritional security (30 September – 01 October 2021) at University of North Bengal.
- ❖ **International Seminar on “Microplastics and its remediation”** (Under IQAC), Department of Botany, Department of Botany, University of Delhi, 14th June 2023. **Organizing Committee member.**
- ❖ **National Webinar on Plant Physiology: Significance and Scope** (Under IQAC), Department of Botany, Kalindi College, Department of Botany, University of Delhi, 5th March, 2022. **Convenor.**
- ❖ **Landscape Designing and Gardening using AutoCAD** (Under IQAC), Department of Botany, Daulat Ram College, Department of Botany, University of Delhi, 29th April, 2024. **Convenor.**

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

- ❖ Awarded CSIR-UGC JRF on 13 December, 2016.
- ❖ Awarded **best poster award** in international seminar on current avenues in microbial and plant sciences (23-25 February, 2019) awarded by Department of Botany, University of Gour Banga, Malda, West Bengal, India.
- ❖ **Third Prize** in oral Presentation in International Conference on Contributions of Acharya Jagdish Chandra Bose “A Satyagrahi Scientist” awarded by **Ministry of Culture, Government of India** on 01 December, 2022.
- ❖ Invited to deliver a **lecture** on “**Medicinal uses of spices in our tradition**” organised by **Botany Department, Maharani kishori kanya Mahavidyalaya, Hodal, India** on **2nd July, 2021.**

Association with Professional Bodies

1. Life time member of Delhi University Botanical Society since 2018

Other Activities

- Two Week (Online) Interdisciplinary **Faculty Development Programme** on "MOOC's, E-Content Development, Research Methodology and Statistical Tools" organized by Mahatma Hansraj Faculty Development Centre, Hansraj College during 3rd – 17th August, 2021.
- One-Month Online **National Faculty Induction Programme/Orientation** Course 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. 25th February to 27th March 2023.
- **Faculty Development Program on MOOCs and e-Content Development** Course 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. 17th June 2023 to 18th June 2023.