

CURRICULUM VITAE

Personal Information

Name: **Dr. Rushda Sharf**
Designation: Assistant professor
Department of Environmental Science,
Integral University, Lucknow
Date of Birth: 05/07/1989
Nationality: Indian
Marital status: Married
Language: Hindi, English, Urdu
Email: rush.khan09@gmail.com
Mob. No.: 8650901306
Address: 116/103, Cooks Compound, Ghasiari Mandi, Near Shubham Cinema, Kaisarbagh,
Lucknow, 226001

Academic Qualifications

Course	Division	Board / University	Year	% Marks
Ph.D (Botany)	Awarded	Aligarh Muslim University	2015	-
M.Sc. (Botany)	First	Aligarh Muslim university	2010	77.62%
B.Sc.	First	M.J.P. Rohilkhand University	2008	73.92%
Intermediate	First	U.P. Board	2005	71%
High School	First	U.P. Board	2003	63.84%

Thesis/ Dissertation work

- **MSc. Dissertation Topic -:** Study of efficacy of leaf extract of some plants on germination and sporulation of fungi *Paecilomyces lilacinus*. (Dec 2009-May 2010).
- **Ph.D Thesis Topic-:** Studies on Root-Knot disease of *Phaseolus vulgaris L.* in relation to bacterial and fungal bio control agents.

Honors and Awards

- **Prof. M. Mushkooor Alam Memorial Gold Medal** for securing highest marks in M.Sc. (Botany) Plant Pathology 2010.
- **Maulana Azad National fellowship** for minority student for the session 2010-2011.

Working experience

- Presently Working as a Assistant Professor in the Department of Environmental Science Integral University on Contractual post. (From 16 Aug 2023 to till now).
- Worked as Visiting Faculty in the Department of Environmental Sciences, Integral University, Lucknow (From 15 Nov 2022 to 15 July 2023).
- Worked as “Lecturer” in the Department of Botany, Navyug Kanya Mahavidyalaya Lucknow, (From 4 March2021 to 30 Sept 2021).

Dissertation Guidance

- Guiding students on project report at UG classes (B. Sc (H), Environmental Science) for Session 2022-2023.
- Guiding PG students on project report

Training Session

Deliver Training Session in Green skill Development Certificate Course for “**Waste Optimization Professional**” at Integral University, Lucknow, From 8 April to 14 May 2024.

Designing of Course material

- Designing of Syllabus for B.Sc (Hons) Environmental Science.

Skills and Expertise

- MS word / MS excel / Power Point / SPSS ANOVA.

Reviewer

Review papers of journals like-:

- Journal of Applied Sciences International (2021)
- Annual Research Review in Biology (2021)
- Journal of pharmaceutical Research International (2021)
- Journal of Experimental Agriculture International (2022)

Publication Detail

Book Chapter

- Rahila Rahman Khan*, Amina Jafri and **Rushda Sharf**, 2024. “Assessing the Influence of air Quality on Photovoltaic Performance” Environmental Problems, Protection and Policies. ISBN- 978-81-969585-2-7, pp. 285-294, 2024.
- Rahila Rahman Khan*, Ahmad Faiz Minai and **Rushda Sharf**, 2024. “Integrating AI Approaches in Teaching- Learning Associate with the Mitigation of Air Pollution: A Comprehensive Analysis”. Artificial Intelligence: A Multidisciplinary Approach Toward Teaching and Learning. ISBN-978-981-5305-18-0, pp: 115-127.

Publications

1. Kashif Abbas, **Rushda Sharf**, Mudassir Alam, Yusra Sharf, Nazura Usmani **2024**. Chronotherapeutic and Epigenetic Regulation of Circadian Rhythms: Nicotinamide Adenine Dinucleotide-Sirtuin Axis. *J Sleep Med* 2024;21(3):127-133 <https://doi.org/10.13078/jsm.240015>.
2. **Rushda Sharf** and Hisamuddin 2019. Effect of *Meloidogyne incognita* on the growth, physiology, and expression of ME-1 gene and pathogenesis related proteins in *Phaseolus vulgaris*. *Acta scientific Agriculture*. (3) 5. 111-122. ISSN: 2581-365X
3. **Rushda Sharf** and Hisamuddin. 2016. Potential for biological control of nematode by *Trichoderma* spp., and its effect on growth and yield of *Phaseolus vulgaris*. *W.J.P.R.* 6(5): 1044-1064. ISSN: 2277-7105
4. Abbasi, Hisamuddin, Ambreen Akhtar and **Rushda Sharf**. **2015**. Vesicular Arbuscular Mycorrhizal (VAM) Fungi: A Tool for Sustainable Agriculture. *American Journal of Plant Nutrition and Fertilization Technology* 5 (2): 40-49. ISSN: 1793-9473
5. **Rushda Sharf**, Hisamuddin, Abbasi and Ambreen Akhtar. 2014. Management of root-knot disease in *Phaseolus vulgaris* using potassium fertilizer and biocontrol agents. *J Plant Pathol Microb.* 5 (5): 1-5. ISSN: 2157-7471
6. **Rushda Sharf**, Hisamuddin, Abbasi and Ambreen Akhtar. 2014. Combined effect of biofertilizers and fertilizers in the management of *Meloidogyne incognita* and also on the growth of Red Kidney Bean (*Phaseolus vulgaris*). *International J Plant Pathology* 5 (1): 1-11. ISSN: 1996-0719
7. **Rushda Sharf**, Hisamuddin, Abbasi and Ambreen Akhtar. 2014. Evaluation of leaf extract of some medicinal wild plants on the growth and sporulation of *Paecilomyces lilacinus*. *Int. J. Plant and Env. Sci.* 4(1): 280-283. ISSN: 2231-4490
8. **Rushda Sharf**, Hisamuddin Shiekh, Abbasi Syed, Ambreen Akhtar and MI Robab. 2014. Interaction between *Meloidogyne incognita* and *Pochonia chlamydosporia* and their effects on the growth of *Phaseolus vulgaris*. *Arch. Phytopathology Plant Protect.* 47 (5): 622-630. ISSN: 0323-5408
9. Ambreen Akhtar, Hisamuddin, Abbasi and **Rushda Sharf**. 2013. Study on black gram (*Vigna mungo* L.) infected with *Meloidogyne incognita* under the influence of *Pseudomonas fluorescens*, *Bacillus subtilis* and urea. *J Plant Pathol Microb.* 4 (9): 1-6. ISSN: 2157-7471
10. Ambreen Akhtar, Hisamuddin; Abbasi and **Rushda Sharf**. 2012. Antagonistic effects of *Pseudomonas fluorescens* and *Bacillus subtilis* on *Meloidogyne incognita* infecting *Vigna mungo* L. *Int. J. Pl. An. and Env. Sci.* 2 (1): 55-63. ISSN: 2231-4490
11. Ambreen Akhtar, Hisamuddin, Merajul Islam Robab, Abbasi and **Rushda Sharf** 2012. Plant growth promoting Rhizobacteria: An overview. *J. Nat. Prod. Plant Resour* 2 (1):19-31. ISSN: 2231-3184.
12. Abbasi, Hisamuddin, MI Robab, Ambreen Akhtar and **Rushda Sharf**. 2012. Chromium toxicity in mung bean, *Vigna radiata* and bioremediation by *Pseudomonas fluorescence*. *Int. J. Pl. An. and Env. Sci.* 2 (1): 99-101. ISSN: 2231-4490

13. Abbasi, Hisamuddin, Ambreen Akhtar and **Rushda Sharf**. 2012. Effect of bark extract of different plant species on the hatching of *Meloidogyne incognita*. Archives of Phytopathology and Plant Protection, 45 (10): 1201-1203. ISSN: 0323-5408
14. Hisamuddin, Abbasi, Ambreen Akhtar and **Rushda Sharf**. 2011. Efficacy of bark of different plant species on root-knot nematode, *Meloidogyne incognita* infecting bottle gourd. Current Nematology, 22 (1,2): 39-43. ISSN: 0971-0116
15. **Rushda Sharf**, Hisamuddin, Merajul Islam Robab, Abbasi and Ambreen Akhtar. 2011. Study of efficacy of leaf extracts of some plants on germination and sporulation of fungi *Paecilomyces lilacinus*. J. Nat. Prod. Plant Resource. 1 (4): 86-89. ISSN: 2231-3184

Papers Presented in Conference / Symposium / Seminar

- **Rushda Sharf, 2024**. Presented Paper on topic “**Role of Waste management Toward Circular Economy**” at the International Conference on New Paradigm in Environmental Sustainability and Energy law Organized by Center for post Graduate, Legal Studies, School of Law, UPES on 20-21 Sept 2024.
- **Rushda Sharf, 2024**. Presented paper on topic “**Decipher the Role of bioagent mediated improvement in growth, physiology and yield of *Phaseolus vulgaris* under Cadmium Stress Conditions**” In 1 International Conference on Advances in Environmental Sustainability, Energy and Earth Science (AESEE- March, 2024) Organized by Department of Environmental Science and Engineering SRM University-AP, Andhra Pradesh (14-16 March, 2024).
- **Rushda Sharf, Rahila Rahman Khan 2024**. Presented Paper on the topic “**Role of Bio herbicides in weed management**” In the National Seminar on New Vistas In Chemical and Applied Science (NVCAS) Organized by Department of Chemistry Integral University, Lucknow, (29 April 2024). Pp 39.
- Rahila Rahman Khan, Amina Jafri, **Rushda Sharf 2024**. Bioremediation: An Eco-Friendly Approach to Restoring Contaminated Environment, in the “National Seminar on New Vistas in Chemical and Applied Sciences (NVCAS) Organized by Department of Chemistry Integral University, Lucknow. Pp 26.
- **Rushda Sharf, Hisamuddin, 2023**. Presented paper on topic “**Combined effects of fungal biocontrol agents and Rhizobium on plant growth and yield in nematode infected *Phaseolus vulgaris* L**” in Third International Scientific Conference On Environmental Research Issues, Challenges and Strategies for Sustainable Development and Livelihood Security” Organized by Eurasian Academy of Environmental Sciences Association for Agricultural Technology in Southeast Asia Sadguru Gadage Maharaj College Centre for Innovation in Science and Social Action Sub-Regional Science Centre – Karwar Karnataka Forest Department (1-2 December 2023). Pp 133.
- **Rushda Sharf, Hisamuddin, Abbasi and Ambreen Akhtar. 2014. Management of *Meloidogyne incognita* in *Phaseolus vulgaris* by combined application of biofertilizers and chemical fertilizer.** 2nd International conference on Agriculture & Horticultural Sciences. Hyderabad, P. 222.
- **Rushda Sharf, Hisamuddin, Abbasi and Ambreen Akhtar, 2014. Combined effect of Biofertilizer and Nitrogen fertilizer in the Management of Root-Knot Nematode and on the**

Growth of *Phaseolus vulgaris*. UGC Sponsored National Seminar on Perspective in Plants and Environmental Sciences. Department of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar. P 53.

- **Rushda Sharf,** Hisamuddin, M.I.Robab, Abbasi, 2013. **Antifungal Activity of Leaf Extracts of Some Medicinal Plants on the Mycelial *Alternaria alternata*.** 15th Indian Agricultural Scientists & Farmers' Congress on Agriculture and Global Climate Change. Vigyan Parishad, Allahabad University, Allahabad. P. 18.
- **Rushda Sharf,** Hisamuddin, Abbasi and Ambreen Akhtar, 2013. **Efficacy of fungi as biocontrol agent against plant parasitic nematodes.** Department of Botany, Aligarh Muslim University, Aligarh. P 85.
- **Rushda Sharf.,** Hisamuddin, Robab, M.I., Abbasi and Akhtar, A. 2012. **Study of efficacy of leaf extracts of *Chenopodium album* and *Euphorbia pulcherima* on the growth and sporulation of nematophagous fungus *Paecilomyces lilacinus*.** International Conference on Population Dynamism and Sustainable Resource Development. Department of Geography, Aligarh Muslim University, Aligarh. P. 285.
- **Rushda Sharf.,** Hisamuddin, Robab, M.I., Abbasi and Akhtar, A. 2012. **Evaluation of leaf extract of some medicinal wild plant on the growth and sporulation of *Paecilomyces lilacinus*.** National Seminar on Conservation, Cultivation and Sustainable Utilization of Medicinal and Herbal Plants. Department of Botany, R.B.S. College, Agra. P. 34.
- **Rushda Sharf.,** Hisamuddin, Robab, M.I., Abbasi and Akhtar, A. 2012. **Evaluation of leaf extracts of *Eclipta prostrata* and *Solanum Nigrum* on the growth and sporulation of *Paecilomyces lilacinus*.** National Seminar on Plant Cell, Tissue and Organ Culture: Emerging Trends. Department of Botany Aligarh Muslim University, Aligarh. P. 43.
- **Rushda Sharf.,** Hisamuddin, Robab, M.I., Abbasi and Akhtar, A. 2011. **Study of efficacy of leaf extract of some plants on germination and sporulation of fungi *Paecilomyces lilacinus*.** XXXIV All India Botanical Conference. Department of Botany, University of Lucknow, Lucknow. P. 111.

Workshop / Short term course

1. Participated in 15 days value added course in “**Disruptive Green Technology and Circular Economies**” Organized by the Department of Environmental Science Integral University, Lucknow, From 24 July – 08 August 2024 in Online Mode.
2. Participated in Two Weeks’ **International Workshop on “Teaching Competency through Micro-Teaching Skills**” organized by Faculty of Education, Integral University, Lucknow, from 14th Feb to 2nd March 2023.
3. Participated in One day training workshop on “**Biodiversity and Wetland Conservation**” Organized by the Wildlife Institute of India-NMCG, Dehradun, at Integral University, Lucknow.
4. Completed International Training -cum-Workshop on “**Integration of GIS and Disaster Risk Reduction for a Resilience and Sustainable Community**” (29 Nov- 5 Dec2023).
5. Participated in Workshop on **Optical Microscopes** sponsored by the Department of Geology Aligarh Muslim University, Aligarh held on 9 March 2016.

6. Participated in UGC & DBT Sponsored Symposium Cum Workshop “**On Macromolecular Interaction in Biology**” Sponsored by University Grant Commission & Department of Biotechnology held on March 2015 at the Interdisciplinary Biotechnology Unit, AMU, Aligarh.
7. Participated in **Science Communication Workshop** sponsored by The Wellcome Trust / DBT Indian Alliance held on 13 April 2015, Aligarh Muslim University, Aligarh.
8. Participated in UGC sponsored Short term Course **on Plant tissue culture and Molecular Biology** held on 28 Jan to 03 Feb 2013 at Department of Botany.

Refresher Course

- Completed Refresher Course/ Workshop Completion Certificate On “**Computational Strategies for Drug Discovery and Sustainable Development**” Organized by Department of Chemistry and Human Resource Development Centre of Integral University in Collaboration with Department of Applied Science, Indian Institute of Information Technology, Allahabad, (10 days session starting from 9 August to 14 October 2023).

Quality Improvement Program

- Participated in 14 Days Online Quality Improvement Program on “**Holistic Development of Academician in the Digital Age**” organized by Department of Business Management, Integral Business School, Integral University, Lucknow from 15 -30 July 2024.

Administrative Responsibilities:

- Member of Criteria 2, Department of Environmental Science
- Member of Examination Committee, Department of Environmental Science
- Member of Lab Committee, Department of Environmental Science

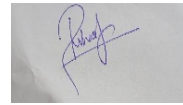
Extra-Curricular Activities

- Worked as a Member of Organizing Committee in “One Week FDP Program on Sustainable Blue print of Environmental Education and Research Opportunities” Organized by the Department of Environmental Science, Integral University, Lucknow from 5-10 August 2024.
- Worked as a Member of Organizing Committee in “One Week Workshop and Awareness Program For Urban Water Management and Nature Conservation” Organized by the Department of Environmental Science, Integral University, Lucknow. (18 -22 March 2024),
- Worked as a Organizing Committee in the “International Training cum-workshop on Integration of GIS and Disaster Risk Reduction for a Resilience and Sustainable Community” Organized by the Department of Environmental Science, Integral University, Lucknow (29 Nov- 5 Dec2023).
- Worked as Organizing Committee in Ten days FDP Program and also Act as Moderator Technical Session VI, Theme: Climate Change Trends and Emerging Environmental Issues, Organized by the Department of Environmental Science, Integral University, Lucknow (19-29 Sept 2023).

- Events Coordinator_in Model Competition on Water Day (2021), Ozone Day (2021) and World Environment Day (2021), Organized by the Department of Botany, Navyug Kanya Mahavidhyalya, Lucknow.

References

- Dr. Tabrez Ahmad Khan Professor, Department of Botany Aligarh Muslim University
Email: tabreizkhan@gmail.com
- Dr. Hisamuddin Professor, Department of Botany Aligarh Muslim University.
Email: hisams@gmail.com



Dr. Rushda Sharf