

## CURRICULUM VITAE

### DR. ABBASI

Assistant Professor

Department of Botany

Shia P.G. College, Lucknow

Contact No: +919997834561

E-mail: [abbasisyed223@gmail.com](mailto:abbasisyed223@gmail.com)



**Research Area:** Plant Pathology and Nematology

### Academic Credentials:

- Working as Assistant Professor at Department of Botany, Shia P.G. College, Lucknow since March 2021.
- Worked as Lecturer at Department of Botany, Amiruddaula Islamia Degree College, Lucknow.
- Awarded Ph.D. thesis on the title “Studies on the efficacy of a Mycorrhiza and Rhizobacteria against *Meloidogyne incognita* infecting *Vigna radiata*.”
- Worked on dissertation entitled “Studies on the effect of bark of different plant species on root knot nematode, *Meloidogyne incognita* infecting bottle gourd, *Lagenaria siceraria*” as M.Sc. Project, at department of Botany AMU, Aligarh.
- Certificate Course MS Office & Internet from UPTEC, Lucknow.
- Course on Computer Concept from National Institute of Electronics and Information Technology (NIELIT).

### Academic Qualifications

Examination	Year	Institution	Division	Subjects
Ph.D.	2015	A.M.U., Aligarh	Awarded	Botany
M.Sc.	2009	A.M.U., Aligarh	First	Botany
B.Sc. (Hons.)	2002	A.M.U., Aligarh	First	Botany, Zoology, Chemistry, English
Intermediate	1999	U.P., Board	First	Biology group
High School	1997	U.P., Board	First	Science group

### **Key Skills:**

Microtome sectioning, embedding, staining of plant pathological preparations; Maintenance of nematode, bacterial and fungal cultures.

### **Workshop/Short term course:**

1. 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, AMU, Aligarh.
2. Participated in UGC & DBT Sponsored Symposium Cum Workshop “On Macromolecular Interactions in Biology” Sponsored by University Grant Commission & Department of Biotechnology held on March 2015 at the Interdisciplinary Biotechnology Unit, AMU, Aligarh.

### **Research Articles:**

**Abbasi** and Hisamuddin. 2014. Effect of different inoculum levels of *Meloidogyne incognita* on growth and biochemical parameters of *Vigna radiata*. Asian Journal of Nematology 3 (1): 15-20. ISSN: 1996-403.

**Abbasi**, Hisamuddin, MI Robab, Ambreen Akhtar and Rushda Sharf. 2012. Chromium toxicity in mung bean, *Vigna radiata* and bioremediation by *Pseudomonas fluorescens*. Int. J. Pl. An. and Env. Sci. 2 (1): 99-101. ISSN: 2231-4490.

**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: 323-5408.

Swarn Singh, **Abbasi** and Hisamuddin. 2013. Histopathological response of *Lens culinaris* roots towards root-knot nematode, *Meloidogyne incognita*. Pakistan Journal of Biological Sciences, 16 (7): 317-324. ISSN: 1028-8880

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.

Ambreen Akhtar, Hisamuddin and **Abbasi**. 2012. Interaction between *Meloidogyne incognita*, *Pseudomonas fluorescens* and *Bacillus subtilis* and its effect on plant growth of black gram (*Vigna mungo* L.). International Journal of Plant Pathology, 3 (2): 66-73. ISSN: 1996-0719.

- Rushda Sharf, Hisamuddin, **Abbasi** and Ambreen Akhtar. 2014. Management of root-knot disease in *Phaseolus vulgaris* using potassium fertilizer and biocontrol agents. *Journal of Plant Pathology Microbiology*. 5 (5): 1-5. ISSN: 2157-7471
- 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 Journal Plant Pathology* 5 (1): 1-11. ISSN: 1996-0719
- 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*. *International Journal of Plant and Environmental Science*. 4(1): 280-283. ISSN: 2231-4490
- 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*. *Archives of Phytopathology & Plant Protection*, 47 (5): 622-630. ISSN: 0323-5408
- Ambreen Akhtar, Hisamuddin, **Abbasi** and Rushda Sharf. 2013. Study on black gram (*Vignamungo* L.) infected with *Meloidogyne incognita* under the influence of *Pseudomonas fluorescens*, *Bacillus subtilis* and urea. *Journal of Plant Pathology and Microbiology*. 4 (9): 1-6. ISSN: 2157-7471
- 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 Resour.* 1 (4): 86-89. ISSN: 2231-3184.

#### **Review Articles:**

- 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.
- 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.

#### **Book Chapter:**

- Merajul Islam Robab, Hisamuddin, Tanweer Azam, **Abbasi** and Ambreen Akhtar. 2012. Impact of biocontrol fungi on *Macrophomina phaseolina* infecting some ornamental

plants, *In: Biodiversity Evaluation-Botanical Perspective*, eds. N.S. Atri, R.C. Gupta, M.I.S. Saggio, V.K. Singhal, Dehradun, Pp. 341-350 ISBN: 9788121108348.

### **Abstracts Published:**

Abbasi, Hisamuddin, Akhtar, A and Sharf, R. 2012. Effect of VAM Fungi Along with Fly Ash on Root-knot nematode (*Meloidogyne incognita*) Infecting Mung Bean (*Vignaradiata*). Abstract. National Symposium on Health and Agriculture held at JNU, New Delhi. p. 133.

Abbasi, Hisamuddin, Robab, M.I., Akhtar, A. and Sharf, R. 2012. Vesicular Arbuscular Mycorrhiza (VAM) fungi: A Tool for Sustainable Agriculture. Abstract. International Conference on Population Dynamism and Sustainable Resource Development. Pp. 223-224.

Abbasi, Hisamuddin, Robab, M.I., Akhtar, A. and Sharf, R. 2012. Application of Geographical Information System in Plant Conservation. Abstract. National Seminar on Conservation, Cultivation and Sustainable Utilization of Medicinal and Herbal Plants. p. 99.

Abbasi, Hisamuddin, Robab, M.I., Akhtar, A. and Sharf, R. 2011. Chromium Toxicity in Mung Bean, *Vignaradiata* and bioremediation by *Pseudomonas fluorescens*. Abstract. 34<sup>th</sup> All India Botanical Conference held at Lucknow University, Lucknow. p. 218.

Abbasi, Hisamuddin, Azam, T., Robab, M.I. and Akhtar, A. 2011. Impact of Chromium Pollution on Bottle Gourd. Abstract. National Conference on Impact of Environmental Aspects on Society. p. 78.

Abbasi, Hisamuddin, Robab, M.I., Akhtar, A. and Sharf, R. 2011. Effect of Biocontrol Agent, *Pseudomonas fluorescens* along with *Bacillus subtilis* for the Management of *Fusarium* wilt on Mung Bean. Abstract. National Symposium on Fungal Biology and Applications. p. 98.

### **Presentations in Conference/Symposium/Seminar:**

1. **Abbasi**, Hisamuddin, Ambreen Akhtar, and Rushda Sharf. 2014. Pathogenicity of varying inoculum levels of *Meloidogyne incognita* infecting *Vigna radiata* and management of fly-ash application. 2<sup>nd</sup> International conference on Agriculture & Horticultural Sciences. Hyderabad, P. 231.

2. **Abbasi**, Hisamuddin, M.I.Robab, Ambreen Akhtar and Rushda Sharf. 2013. Need of new technologies along with conventional methods for sustainable agriculture in India. 15<sup>th</sup> Indian Agricultural Scientists & Farmers' Congress on Agriculture and Global Climate Change. Vigyan Parishad, Allahabad University, Allahabad. P. 18
3. **Abbasi**, Hisamuddin, Robab, M.I., Akhtar, A. and Rushda Sharf. 2012. Vesicular Arbuscular Mycorrhiza (VAM) fungi: A Tool for Sustainable Agriculture. International Conference on Population Dynamism and Sustainable Resource Development. Aligarh Muslim University, Pp. 223-224.
4. **Abbasi**, Hisamuddin, Robab, M.I., Akhtar, A. and Rushda Sharf. 2012. Application of Geographical Information System in Plant Conservation. National Seminar on Conservation, Cultivation and Sustainable Utilization of Medicinal and Herbal Plants. RBS College, Agra, p. 99.
5. **Abbasi**, Hisamuddin, Akhtar, A and Rushda Sharf. 2012. Effect of VAM fungi along with fly ash on root-knot nematode (*Meloidogyne incognita*) infecting mung bean (*Vigna radiata*). National Symposium on Health and Agriculture held at JNU, New Delhi. p. 133.
6. **Abbasi**, Hisamuddin, Robab, M.I., Akhtar, A. and Rushda Sharf. 2011. Chromium Toxicity in Mung Bean, *Vigna radiata* and bioremediation by *Pseudomonas fluorescens*. 34<sup>th</sup> All India Botanical Conference held at Lucknow University, Lucknow. p. 218.
7. **Abbasi**, Hisamuddin, Azam, T., Robab, M.I. and Akhtar, A. 2011. Impact of Chromium Pollution on Bottle Gourd. National Conference on Impact of Environmental Aspects on Society. Firozabad p. 78.

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