



Dr. Poonam Meena

(M.Sc, PhD, , F.M.A., F.B.S. , F.N.R.S.)

SUMMARY OF QUALIFICATIONS

- **Present Position:- ASSISTANT PROFESSOR**
- **Teaching Experience-** 8 years (UG & PG)
- **Major Research Area :-** Plant Pathology & Mycology, Nematology, Microbiology, Throughout first class academic carrier.
- **Publication:-** :- 7
Review articles published :- 18
- **Books- Authored -3**
- **Honors and Awards-** Recipient of Young Botanist Award, Bahadur Singh Gold Medal and awards for best Paper

Elected Fellow of: - Botanical Society (**FBS**)

- Int. Soc for conservation of Natural Resources (**FNRS**)

- **Life member of 4 Academic Societies**

ACADEMIC BACKGROUND

2004 – 2008 PhD., Plant Pathology (Nematology)

Thesis title: “Host parasite relationship and management of *Heterodera cajani* infecting *Cajanus cajan* L. mill sp.” Department of Botany, University of Rajasthan, Jaipur

2003-2004 Taking PG classes at MJRP, Girls College, Jaipur

2000-2002 M Sc., Botany with 72% marks , from **Banasthali Vidyapeeth.**

1997-2000 BSc., with 73%, from **Banasthali Vidyapeeth**

1996-1997 Sr. Secondary, 69% marks from **Banasthali Vidyapeeth**

1995- 1996 Secondary, with 75% marks from **Banasthali Vidyapeeth**

List of Academic Societies

- Life member and fellow of Indian Botanical Society (I.B.S.)
- Life member of Indian Science Congress Association (ISCA)
- Member of National Academy of Sciences, Allahabad
- Life member of ISCON (International Society for Conservation of Natural Resources), BHU, Varanasi.

List of Awards and medal

- Awarded **YOUNG SCIENTIST AWARD 2008 and Dr. M.S SWAMINATHAN MERIT CERTIFICATE**, by Indian Botanical Society, held at Allahabad in 2008.
- Awarded **BAHADUR SHAH GOLD MEDAL FOR BEST PAPER PRESENTATION** by Indian Botanical Society, held at Allahabad in 2008.
- **YOUNG BOTANIST AWARD 2010 FOR BEST PAPER PRESENTATION** by International Society for Conservation of Natural Resources

Published Text Book and Edited Books:

- (1) P.C. Trivedi, Indu Sharma, **Poonam Meena** and Lalita Verma (2015). Plant Biotechnology and Molecular Biology (**Text Book**) for Bsc. Second year. RBD, Publisher, Jaipur.
- (2) Sampat Nehra and Poonam Meena, 2009. **Practical Botany**, B.Sc. Botany Second year V.M.Kota open University, Kota

- Sampat Nehra and **Poonam Meena** 2009. **Book - Biotechnology: Application in human health care**, Aavishkar Publisher & Distributor, Jaipur, India (Editor-Sampat Nehra and Poonam Meena).

Research Paper

1. **Meena, Poonam**, Nehra, S. and Trivedi, P.C. 2008. Neem formulations as seed treatment in management of *Heterodera cajani* on *Cajanus cajan*. *Env. Biol. and Conservation* 13: 85-89.
2. **Meena, Poonam**, Nehra, S. and Trivedi, P.C. 2009. Survey, pathogenecity and biology of *Heterodera cajani* on pigeonpea and reaction of some pigeonpea varieties against pigeonpea cyst nematode. *Asian J Exp. Sci.* 23(1) , 141-148.
3. **Meena, Poonam**, Nehra, S. and Trivedi, P.C. 2009. Efficacy of decomposed organic cakes against *Heterodera cajani* infecting *Cajanus cajan*. *Asian J. Exp. Sci.* 23(1), 181-184.
4. **Meena, P.**, , Nehra S. and Trivedi, P.C. 2009. Mass scale multiplication and influence of some biocontrol fungi in the management of *Heterodera cajani* infecting *Cajanus cajan*. *Environmental Biology & Conservation* 14: 10-13.
5. **Meena, P.**, Nehra S. and Trivedi, P.C. (2010). Effect of come Plant growth promoting rhizobacteria (PGPR) in management of *Heterodera cajani* infecting *Cajanus cajan*. *Proc. National Acad. Of Sciences. Section B* 80(v):350-354.
6. **Meena, Poonam** (2010). Biology and biological control of *Heterodera cajani* infecting *Cajanus cajan*. *Joun Of Indian Bot. Society* 89:312-319.
7. **Meena, P., Nehra S.** and Trivedi, P.C. (2011). Compatibility of biocontrol fungi and neem products for the management of *Heterodera cajani* infecting *Cajanus cajan*. *Indian Phytopathology*, 64(4): 383-384 (2011).

REVIEW ARTICLES PUBLISHED

1. Nehra, S., **Meena, P.**, Pandey, S. and **Trivedi, P.C. (2006)**. Organic Farming: Prospects & Application. *In* : Organic Farming and Mycorrhizae in Agriculture (eds. P.C.Trivedi), I.K.International Publishing House Pvt. Ltd.
2. **Meena, Poonam**, Nehra, S. and Trivedi, P.C. (2006). Role of biotechnology in the protection of intellectual property rights. In Book- Plant Biotechnology-Perspectives and Prospects. (Ed. P.C. Trivedi), Pointer Publisher, Jaipur.pp. 398-426.
3. **Meena, Poonam**, Nehra, S. and Trivedi, P.C. (2006). Role of plant based cancer drugs in the management of cancer.In: Plant Tissue culture and Biotechnology (Ed. P.C. Trivedi), Pointer Publisher, Jaipur.pp.334-367.
4. Nehra S., **Meena P.** , Agarwal R. and Trivedi, P.C, 2006.: Biotechnology: A safe Technology for Biodiversity Conservation. In Book “ Global Biodiversity- Status & Conservation” (Edt. P.C.Trivedi), Pointer Publisher, Jaipur. Pp.359-379.
5. Nehra S., **Meena P.** and Trivedi, P.C, 2006.: Air Pollution and its management In : Pollution Management (eds. P.C. Trivedi and Sampat Nehra) Aavishkar Publishers, Distributors, Jaipur, pp.350-388.
6. Nehra S., **Meena P.** and Chaudhary S,2006; Medicinal Plants: Botany, Propagation, Diseases and Uses. In : Economic Botany (eds. Sampat Nehra) Aavishkar Publishers, Distributors, Jaipur, pp 1-24
7. **Meena P.**, Chaudhary S, and Nehra S. 2006; Tannins and Dyes from plants.; In : Economic Botany (eds. Sampat Nehra) Aavishkar Publishers, Distributors.pp 106-129
8. Chaudhary S, **Meena P.**, and Nehra S., 2006: Spices and Condiments;In : Economic Botany (eds. Sampat Nehra) Aavishkar Publishers, Distributors. pp181-231
9. Nehra, S., **Meena, P.** and Trivedi, P.C.2007. Air pollution-Environmental hazard. In Book-Pollution Management (Ed. P.C.Trivedi & Sampat Nehra),Pointer Publisher, Jaipur, pp.350-388.
10. **Meena, P.**, Nehra,S. and Trivedi,P.C.2007. Biodiversity : The impact of Biotechnology In Book Biodiversity for Sustainable Development, Aavishkar Publisher, Distributors, Jaipur. Pp.345-363.
11. Nehra, S., **Meena. P**, Pandey, S. and Trivedi, P.C.2007. Biodiversity & its conservation with special reference to microbes. In book Plant Morphology and Biotechnology (Edt. P.C.Trivedi), Aavishkar Publisher, Distributors, Jaipur. Pp.1-36.

12. Nehra, S., **Meena, Poonam**, Pandey, S. and Trivedi, P.C. 2007. Organic farming : Prospects and application. In Book Organic farming and Mycorrhizae in agriculture (Edt. P.C.Trivedi), I.K.International Publishing House Pvt. , Delhi. Pp.253-286.
13. **Meena, P.**, Nehra, S.,& Trivedi, P.C. 2007. Biodiversity profile of India. In book “Global Biodiversity- Status & Conservation”,(Edt. P.C.Trivedi), Pointer Pubisher,Jaipur, pp.42-106.
14. Nehra, S., **Meena, P.**, Agrawal, R. & Trivedi, P.C. 2007. Biotechnology: A safe Technology for Biodiversity Conservation. In Book “ Global Biodiversity- Status & Conservation” (Edt. P.C.Trivedi), Pointer Publisher, Jaipur. Pp.359-379.
15. Nehra, S., **Meena, P.**, & Chaturvedi S. 2008. Application of Transgenic Animals in Human Health Care. In Book : Biotechnology: Application in Human Health Care. Aavishkar publisher, Jaipur
16. **Meena, P.**, Nehra, S., & Dubey, W.2009. Application of Stem Cell Technology. In Book : Biotechnology: Application in Human Health Care. Aavishkar publisher, Jaipur,pp 1-23.
17. Nehra, S., **Meena, P.**, & Sharma, IR. 2009. Ex-vivo and In-vivo Gene Therapy. In Book : Biotechnology: Application in Human Health Care. Aavishkar publisher, Jaipur, pp121-150.
18. Nehra, S., **Meena, P.**, & Sharma, JL. 2009. Edible Vaccines. In Book : Biotechnology: Application in Human Health Care. Aavishkar publisher, Jaipur, pp 151-179.

