

Curriculum Vitae

Address:

Dr. Shahnashi Hashmi
Institute of Agricultural Sciences,
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Career Objective:

To work in a prestigious organization with ample opportunities to utilize my abilities, technical and educational skills in efficient manner in production and teaching.

Educational Qualification:

2013- Till date	Working as Assistant Professor in Institute of Agricultural Sciences, Bundelkhand University, Jhansi (U.P.)
2009- 2013	Working as Teaching Assistant in Institute of Agricultural Sciences, Bundelkhand University, Jhansi (U.P.)
2003 – 2008	Ph.D. from an ICAR Research Centre, National Research Centre for Agro forestry, Jhansi on Title “Screening and Selection of Efficient Vesicular Arbuscular Mycorrhizae (VAM) Species for Aonla (<i>Emblica officinalis</i> Gaertn.)” (Botany). Under Supervision of Dr. Anil Kumar (Principal Scientist, Plant Pathology).
2001 – 2002	M. Sc. In Botany with Specialization in Plant Pathology, from Bundelkhand University, Jhansi with First Division.
1996 – 1999	B.Sc. in Botany, Zoology and Chemistry from Bundelkhand University, Jhansi with Second Division.
1996	Intermediate in Science (Biology) from U.P. Board with Second Division.
1994	High School in Science from U.P. Board with Second Division.
2004-2007	Research Experience as a Senior Research Fellow in ICAR project Under Dr. Anil Kumar, Pr. Scientist on Title “Screening and Selection of Efficient Vesicular Arbuscular Mycorrhizal Species for Minor Fruit Tree Species”

Extra Curricular Activities:

- Two days 29.03.05 – 30.03.05 training on the “Cultivation of *Jatropha* and Karanj (*Pongamia*) (Biofuel Crops)” organized by National Oils and Vegetable Oil Development Board (NOVOD), Gurgaon, Haryana, Agriculture Ministry, Govt. of India, at NRC AF, Jhansi.
- Attend two days Peer education training from 9 – 10 January, 1997 of National Service Scheme under UTA.
- Attend ten days N.S.S. Camp from 2 March – 11 March, 1998 of National Service Scheme.
- Received First Prize in Poster Presentation at NRC for Agroforestry (2003).
- Received Second Prize in Poster Presentation at NRC for Agroforestry (2004).
- M.S. office (computer fundamentals course) from NIIT - 2000

Area of Interest:

Plant Pathology and Bio-fertilizers (AM fungi).

Technologies Known:

- Isolation and identification of Arbuscular Mycorrhizal fungi (AMF)
- Multiplication and inoculation (AMF)
- Single Spore Culture (AMF)
- MPN method
- Biochemical analysis of plant and soil

Personal Profile:

I am reliable, well organized and used to working on my own initiatives. I am able to prioritize my workload. I am comfortable working on my own or as a part of a team.

Date of Birth	28th May 1979
Father's Name	Mr. Syed Aley Ali Hashmi
Mother's Name	Mrs. Nasreen Hashmi
Gender	Female
Nationality	Indian
Category	OBC
Marital Status	married

Key Skills:

- **Teaching Experience**
- **Familiar with Microsoft Word, Power Point, Systet 9 and Excel**
- **Confident Communicator**
- **Able to Cope Under Pressure**
- **Good Problem Solver**
- **Self Motivated**
- **Research Experience in Bio fertilizer (VA-MYCORRHIZA)**

M.Sc. Dissertation Title (under my guidance):

1. Effect of Arbuscular Mycorrhizal fungi (AMF) inoculation on Barley (*Hordeum vulgare*)-2014.
2. Screening of suitable Arbuscular Mycorrhizal fungi (AMF) for growth of Pea (*Pisum sativum*) – 2014.
3. Selection of efficient Arbuscular Mycorrhizal fungi (AMF) for growth of Pea (*Pisum sativum*) – 2014.
4. Integration of Bio-inoculants with chemical fertilizer in wheat (*Triticum aestivum*)-2016.
5. Effect of different Bio fertilizers and chemical fertilizer on growth and yield of chickpea (*Cicer aeritinum*)-2016.
6. Effect of AM fungi, PSB, Rhizobium and chemical fertilizer on growth and yield of Pea (*Pisum sativum*) – 2016.

Declaration:

The information given above is authentic and true to the best of my knowledge.

References:

Dr. Anil Kumar

Principal Scientist (Plant Pathology)

Central Agro forestry Research Institute (NRCAF), Jhansi.

Dr. K.R. Maurya

(Ex- V.C. Rajendra Agriculture University, PUSA, Bihar)

Director Institute of Agricultural Sciences,

Bundelkhand University, Jhansi

Dr. B. Gangwar

{Ex- Director, Indian Institute of Farming System Research (ICAR)}

Academic Coordinator, Institute of Agricultural Sciences,

Bundelkhand University, Jhansi

Date:

Place:

(Shahnashi Hashmi)

List of Publications

Research Papers:

Rajesh Kumar Pandey, **Shahnashi Hashmi**, Astha Gupta, Gajendra Singh Dhakar and Santosh Pandey 2012. Biological management of web blight disease caused by *Thanatphorus cucumeris* = *Rhizoctonia solani* on urdbean. *Journal of Natural Resource and Development* 7(1, 2):1-13

Hashmi S., Kumar, A., Shukla, A. and Jha, A. 2010. Response of four fruit tree seedling to arbuscular mycorrhizal inoculations. *Indian Journal of Agricultural Sciences* 80(6):551-4.

KumarA, **Hashmi S.** Shukla A, Jha A 2009. Effect of water stagnation on colonization of Aonla (*Embelica officinalis*) by arbuscular mycorrhizae. *Indian Journal of Agroforestry* 11 (1):103-106.

KumarA, **Hashmi S.** Shukla A, Jha A 2008. Occurrence of arbuscular mycorrhizal fungi in *Embelica officinalis* Gaertn. and *Zizyphus mauritiana* Lamk. *Indian Phytopathology* 62(3):295-303.

Kumar, A., Shukla, A., **Hashmi, S.** and Tewari, R.K. 2007. Effect of trees on colonization of intercrops by vesicular arbuscular mycorrhizae in agroforestry systems. *Indian Journal of Agricultural Sciences* 77(5): 291-298.

Kumar, A., **Hashmi, S.**, Shukla, A. and Chaturvedi, O.P. 2007. Effect of intercropping on inoculum potential of arbuscular mycorrhizal fungi in agroforestry systems. *Annals of Arid Zone* 46(1): 31-36.

Kumar, A., **Hashmi, S.** and Shukla, A. 2006. Occurrence of vesicular arbuscular mycorrhizae in *Buchanania lanzan* and *Cordia dichotoma*. *Range Management & Agroforestry* 27(1):84-86.

Kumar, A., Rashid, M., Shukla, A. and **Hashmi, S.** 2006. Colonization of some important agroforestry trees by vesicular arbuscular mycorrhizae during summers. *Range Management & Agroforestry* 27(1): 80-83.

Symposia/Seminar/Workshop (Abstracts/Full Paper):

S. Hashmi , R.K. Pandey and M. Hashmi 2016. Effect of inoculation of AM species on Barley (*Hordeum vulgare*). *National Symposium on Transforming Indian Agriculture towards food and nutritional security*. from 20-21 february held at Indian Grassland and Fodder Research Institute, Jhansi.68

S. Hashmi, R. K. Pandey, M. Hashmi, R.Khan and A. Gupta 2016. Study of Size Of Viruses Which Caused Diseases In Plant Possible Through Nanotechnology. *International Conference on Current Scenario and Prospects of Nanotechnology and Bio-Statistics* from February 25 – 26 held at U. P. Rajarshi Tandon Open University, Allahabad .65

Hashmi S. and Gupta A. 2013. Benefits of arbuscular mycorrhizal fungi (AMF) in Bundelkhand region. In Proc. *National Symposium on Biodiversity: Ecological Security and Sustainable Utilisation of Natural Resources*. from 8-10 march held at Bipin Bihari College Jhansi:23

Dwivedi B.K., **Hashmi S.** and Pandey B.K.2011. Studies on substrate for mass multiplication of Trichoderma as Bio-agent. In Proc. *National Symposium on Integrated farming system for sustainable agriculture – Challenges and opportunities.* from 19-21 February held at Institute of Agricultural Sciences, Bundelkhand University, Jhansi:158

Kumar A. Kamalvanshi M, **Hashmi S.**, Singh C B, Jha A 2010. Root rot of *Jatropha curcas* caused by *Rhizoctonia Species.* In: National Symposium on “*Problems and Perspectives in Eco-friendly Innovatives to plant protection*” from 24-25 January, 2010 held at C.S. Azad University of Agriculture & Technology, Kanpur: 124.

Kumar, A., Shukla, A., **Hashmi, S.**, Jha, A. and Kamalvanshi, M. 2008. Studies on arbuscular mycorrhizal fungi in agroforestry. *Agroforestry newsletter* 20(1):5.

Kumar, A., **Hashmi, S.**, Shukla, A. and Jha, A. 2006. Colonization of some important intercrops by Vesicular Arbuscular Mycorrhizae isolated from minor fruit. In Proc. *National Symposium on Agroforestry for Livelihood Security, Environment Protection and Bio fuel Production.* NRCAF, Jhansi (16 -18 December, 2006), Abstract pp 20.

Hashmi, S., Kumar, A., Gupta, A. and Tewari, R. K. 2004. Identification of common vesicular arbuscular mycorrhizae in rhizosphere of aonla (*Emblica officinalis* Gaertn.). *Agroforestry Newsletter* 16(1): 1-2.

Kumar, A., Rai, P. Tewari, R. K. and **Hashmi, S.** 2003. Some initial observation on Vesicular Arbuscular Mycorrhizae of aonla (*Emblica officinalis* Gaertn.). In Proc. *National Symposium on Organic Farming in Horticulture for Sustainable Production.* CISH, Lucknow. (29 – 31 August, 2003).

