

## **Prof. (Dr.) Shahid Ahamad**

### **Associate Director Research**

Sher-e-Kashmir University of Agricultural Sciences & Technology,  
Main Campus, Chatha, Jammu-180009, (UT of J&K)

**Residence :** Rani talab, Digiana, Udham nagar Poll No.220,

Preet nagar, Jammu-  
180010, Jammu & Kashmir, India .

**Mob:7889808422, Email:shahidskuastj@gmail.com**



**Prof. (Dr.) Shahid Ahamad**, born on July 1,1972 in Gaharauli, Maudaha, Hamirpur,U.P.

### **Educational Qualifications:**

- ❖ **B.Sc.(Ag.)** 1994: Narend Deo University of Agricultural Sciences & Technology, Kumarganj, Faizabad (U.P.)
- ❖ **M.Sc.(Ag.) Plant Pathology** 1996:C.S. Azad University of Agricultural Sciences & Technology, Kanpur (U.P.)
- ❖ **Ph.D.Botany** 2003: C.S.J.M. University (Kanpur University) (U.P.)
- ❖ **NET-ICAR - Plant Pathology** ,1999 ASRB, New Delhi

**Administrative Roles:** Over 16 years of administrative experience.

- ❖ **Associate Director Research/Dy. Director Research/ Chief Scientist** since 09.5.2016 till date.
- ❖ Sr. Scientist & Head ,KVKs from 16.7.2008 to 08.5.2016

**Experience:** Over 26 years, including 16 years of administrative experience.

**Teaching Achievements:** Guided 03 PG students as Major Advisor and also guided 15 (M.Sc/Ph.D.) students as Advisory committee Members/ Dean nominee. I delivered many lead lectures. Teaching PG students (M.Sc./Ph.D.) as Course Instructor.

### **Research Achievements:IPR**

#### **Patents granted: 06**

- ❖ Title: Portable Ohmic Heater.
- ❖ Title: Food Freshness Testing Device.
- ❖ Title: Plant Disease Identification Device.
- ❖ Title: Smart Plant Pathogen Alert Device
- ❖ Title: Pesticide detecting Food Safety device.
- ❖ Title: AI Powered Plant Disease Diagnoser.

**Crop Varieties developed: As Associated Scientist=11**

#### **Technologies Developed /verified:05**

- ❖ **Established Biological control of pigeon pea wilt** caused by *Fusarium oxysporum* f.sp. *udum* which is major cause of yield reduction in the farmers field. Farmers are adopted it in large scale in U.P.,M.P., Bundelkhand region and small pocket of Jammu region and now they are producing organic pulses without use of chemical fungicides [**Ahamad et al. (1999)** *Iran J.Pl Pathol.* (Iran) 35: 15-21].

- ❖ **Characterized GA<sub>3</sub> production technology** from *Fusarium moniliforme* range of GA<sub>3</sub> production varied between 28.9 to 600 mg/l g dry weight of mycelium for its commercialization. Many scientists are following this techniques for GA<sub>3</sub> production and it is used in hybrid rice production in Punjab & Jammu region. [Mitter *et al* , (2001). *Mycopathol.* 153: 187-193]
- ❖ **Established Organic management of Rhizome rot of ginger.** The lowest per cent mean disease incidence was recorded in case of foliar spray of *B. diffusa* root extract 10% i.e. 23.5% followed by foliar spray of garlic 5% i.e. 36.5 % and neem oil 0.3% i.e.37.5%. [Ahamad and Lal (2014). Organic management of rhizome rot of ginger in foothills of North Western Himalayas. *Res. Environ. Life Sci.* 7 (4) 319-322.
- ❖ **Established Impact in large scale of FLDs on plant protection activities on crops productivity under rainfed condition in Reasi district** showed 15.5% more yield than check with reduced wilt disease under IDM for wilt management in tomato, exhibited 25.5% more yield of IDM in Chilli wilt, the use of fungicides exhibited 20.5% higher yield than check under Yellow rust disease management in wheat, [Ahamad *et al.* (2016). *Vegetos* 2016, 29:4 DOI: 10.4172/2229-4473.1000199.
- ❖ **Organic farming in Reasi district:** As Reasi district farmers are not using chemical fertilizers in fruit crops, vegetables in hilly areas. We aware farmers about organic farming in the district and about 3-4 years of work we were able to infused importance of the same. Now farmers are growing fruit crops, vegetables organically and they are fetching high remunerative price through their crops and earning more than Rs 3,0 lakh /ha in a season in place of hardly 1.5 lakh earlier.

#### Awards and Recognitions:

- ❖ **Young Achiever Awards (2011)** by SADHNA (Society for Advancement of Human and Nature) Dr YS Parmar University of Horticulture & Forestry Nauni, Solan 173 230 Himachal Pradesh.
- ❖ **Distinguished Service Awards (2012)** by Bioved Research Society, Allahabad, U.P.
- ❖ **Scientist of the Year Award (2013).** By Society of Biological Sciences and Rural Development, Allahabad, U.P.
- ❖ **Late PP Singhal Memorial Award (2018).** by Society of Plant Protection Sciences, Division of Nematology, IARI, New Delhi.in the International Symposium at Ajmer, Rajasthan,
- ❖ **Eminence Scientist Awards (2018)** .SWVS, Lucknow.
- ❖ **Councilor:** Dr. Shahid Ahamad, Programme Coordinator, KVK, Rajouri was elected as Councilor of Society of Plant Protection Sciences (Annals of Plant Protection Sciences) Division of Nematology, IARI, New Delhi for the period of **2012-15**.
- ❖ **Editor/ Reviewer of International Journal of Agriculture Sciences,** Bioinformatics Publications, Indian Phytopath, Ann.of Pl.Protection Sci, India, Ind. Phytopath.
- ❖ **Zonal President, Indian Phytopathological Society, IARI, New Delhi (Northern Zone, 2017).** Indian Phytopathological Society Division of Plant Pathology, IARI, New Delhi.

#### Elected Fellow of Science Academics/Societies:

- ❖ **Fellow, Society of Plant Protection Sciences (FPPS-2005)** Division of Nematology, IARI, New Delhi.

- ❖ **Fellow, Indian Phytopathological Society, IARI, New Delhi (FPSI-2015).** Indian Phytopathological Society, Division of Plant Pathology, IARI, New Delhi.

### **Externally funded adhoc Research Projects Handled=Rs.2608.87 lakhs.**

Successfully executed extramural projects (15 nos.) amounting to ₹ 26.00 crores funded by various national funding agencies..

### **International visits for Research/Academic Purposes:**

- ❖ Shahid Ahamad (2017). Attended ISER -179<sup>th</sup> International conference on Agricultural and Biological Sciences at **Riyadh, Saudi Arabia** on June 12-13, 2017.
- ❖ As a Co-Member Secretary, organized “Global Initiatives in Sustainable Development: Issues and Strategies” on 23-27 June, 2019 International Conference in **Bangkok, Thailand** in 2019.
- ❖ Shahid Ahamad (2019). delivered talk on Major constraint in saffron production. In: IInd International conference on " Global Initiatives in Sustainable Development” Issues and Strategies” on 23-27 June, 2019 at Bangkok, Thailand.

### **Extension Achievements:**

#### **New programs started in the University:**

- Developed Talwara, Reasi as **Organic village.**
- Developed Kanjali, Reasi as **Floriculture village.**
- Developed Tanda, Reasi as **Poultry Village .**

#### **Publications: :265**

- Books :16
- Book Chapters :35
- Research Papers :65
- Review papers in Journal :02
- Popular articles in reputed magazines:21
- Popular articles in reputed Newspaper:60
- Technical articles/ pamphlets :14
- Abstract in Symposium/ Conferences :40
- Compendium :02
- Success Stories :05
- Souvenir lead papers :05

#### **Books:16**

#### **Edited (10)**

1. Ahamad, S. and Narain, U. (2007). **Eco-friendly Management of Plant Diseases** Published by Daya Publishing House New Delhi, India . pp 412. **ISBN 978-81-7035-485-7**
2. Ahamad, S. (2009). **Plant Disease Management for Sustainable Agriculture** Published by Daya Publishing House New Delhi. pp 373. **ISBN:13-978-81-7035-569-4**
3. Ahamad, S., Anwar, A and Sharma, P.K. (2011). **Plant Disease Management on Horticultural Crops.**, Published by Daya Publishing House New Delhi. pp 405. . ISBN: 978-93-8304-869-4.

4. Ahamad,S. (2012). **Recent Trends in Plant Diseases Management in India**, Published by Kalyani Publisher, Ludhiana, India. Pp 478.**ISBN978-93-272-2564-8**
5. Ahamad,S. (2013). **Hill Agriculture**. Published by Astral Publishing House ,New Delhi.pp 550. **ISBN:978-81-7035-859-6.**
6. Ahamad,S. and Jag Paul Sharma (2019).**Transformation of Agriculture through Innovative Technologies**. Published by Astral Publishing House, New Delhi. pp 450. ISBN:978-93-5124-982-5.
7. Dipanjali, Silpa Sood and Ahamad, Shahid (2019).**Transforming Rural Areas through Veterinary Science**. Published by Daya Publishing House, New Delhi..pp 342. **ISBN:978-93-88982-14-6.**
8. Jag Paul Sharma and Shahid Ahamad (2018). **Crop Varieties Developed By SKUAST-JAMMU. Published by** Directorate of Research, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Main Campus,Chatha-180009, (J&K), India .78pp.
9. Ahamad, Shahid , R.K. Samnotra, P.Wali .(2024). **Agriculture Technologies**. Published by Astral Publishing House, New Delhi. pp 450.
10. Ahamad, Shahid , Qureshi,SN, Khan,N., Ganai,I. and Sharma,V.(2025). Smart Agricultural Practices for Future Food Security. Published by Astral Publishing House, New Delhi. pp 460.

**Authored: 06**

10. Ahamad, Shahid. and Ali Anwar (2014).**Terminology on Plant Pathology** Published by Jaya Publishing House, Delhi-110006 pp. 159.**ISBN: 978-93-82471-36-3**
11. B. Lal, **Ahamad, S.** and De,D. (2016). **Modeling in Communication behaviors of Farmers**, Published by Astral International Publisher, New Delhi. **ISBN:978-93-5130-974-1**
12. Ahamad, S. and Nasim Ahmad (2017). **Pathogenic Fungi in Plant Organisms**. Published by Educationist Press, A division of Write and Prints Publications, New Delhi.pp286. **ISBN:978-93-86283-64-1.**
13. Nasim Ahmad and Ahamad, Shahid (2017). **Green House gases and IPM**. Published by Educationist Press, A division of Write and Prints Publications, New Delhi.pp 292. **ISBN:978-93-87214-03-13.**
14. Shahid Ahamad, G.N.Bhat, and Muneeswar Sharma (2020).**Almond and Walnut: Cultivation, Diseases and Their Management**. Published by Educationist Press, A division of Write and Prints Publications, New Delhi .pp 238, **ISBN: 9388317637.**
15. G.N.Bhat, Shahid Ahamad and B.S. Jamwal (2020). **Apple: Cultivation, Diseases and Their Management**. Published by Educationist Press, A division of Write and Prints Publications, New Delhi .pp 242. **ISBN: 9388317777.**