

RESUME**SAJEED ALI**

Professor (Plant Pathology)

CONTACT DETAILS

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OFFICIAL ADDRESS : Regional Research Station (Hill Zone)
 Uttar Banga Krishi Viswavidyalaya
 Kalimpong, Coochbehar, West Bengal, India, 734301

2. DATE OF BIRTH : 19.02.1974

3. Academic Qualification :

Examination or Degree or Diploma	Board / University	Year of		% of marks Obtained /OGPA* (with scale)	Class/ Division	Subject with Specialization at Master degree level and onward
		Admission	Passing out			
B. Sc (Ag) Hons	BCKV	1993	1997	65.34%	I	
M. Sc (Ag)	BCKV	1997	2000	70.48	I	Plant Pathology
ICAR-NET	ASRB	-	2001	Qualified		Plant Pathology
Ph. D	BKV	2009	2014	85.0	I	Plant pathology

4. Award for PhD Thesis :

5. Experience (Experience and Professional)**a. As Teacher/Researcher**

Sl. No.	Employer	Post held	Pay scale	Period of employment		Actual duration
				From	To	
1	UBKV	Asst. Professor	57,700	2003	2014	12 years
2.	UBKV	Associate Professor	1,31,400	2014	2018	4 years
3.	UBKV	Professor	1,44,200	20128	Till date	

b. As Unit Head :**c. As Establishment Head :** In-Charge, Regional Research Sub-station, UBKV, Pedong**d. As Project PI:**

Title of the project	Capacity (PI/Co-PI or other)	Period		Sponsoring / Funding organization	Amount of Fund mobilised (Rs. In lakhs)
		From (DD/MM/YYYY)	To (DD/MM/YYYY)		
Introduction, evaluation and standardisation of nursery technology of living fossil <i>Ginkgo biloba</i> (Ginkgoaceae) in Hill and Terai Agro-climatic zones of West Bengal	PI	2017	2023	NMPB, Ministry of AYUSH, Govt. Of India	25.76

d. As Project Co-PI:

Title of the project	Capacity (PI/Co-PI or other)	Period		Sponsoring / Funding organization	Amount of Fund mobilised (Rs. In lakhs)
		From (DD/MM/YYYY)	To (DD/MM/YYYY)		
Exploration of the soil microbial diversity of different agro-ecological zones of North Bengal for Agriculture use	Co-PI	1/2016	1/2021	UBKV	12.0
Infrastructure development at regional Research Station of Uttar Banga Krishi Viswavidyalaya for production of Quality Planting Materials, refinement of technologies and human resource development to rejuvenate mandarin orange at Hills of West Bengal	Co-PI	8/2022	8/2024	RKVY, Government of West Bengal	305.9
Quality planting Material (QPM) Production, Agro-Technique Refinement and Human Resource Development for Commercial Exploration of Important Spice crops, like Large Cardamom, Ginger, Turmeric, <i>Dalle Khursani</i> and Yacoon in the Hill region of North Bengal	Co-PI	8/2022	8/2024	RKVY, Government of West Bengal	343.35
Evaluation of some fungicides offering better chemical management plant diseases	Co-PI	9/2017	11/2017	Syngenta India Limited	14.4
Evaluation of bio-efficacy phytotoxicity and natural enemies of UPI 0421 against <i>Scirpophaga incertulas</i> and <i>Nilaparvata lugens</i> on paddy	Co-PI	8/2021	8/2023	United Phosphorus limited	03.92

Title of the project	Capacity (PI/Co-PI or other)	Period		Sponsoring / Funding organization	Amount of Fund mobilized (Rs. In lakhs)
		From (DD/MM/YYYY)	To (DD/MM/YYYY)		
Evaluation of some new insecticide for better chemical management of pest chilli, eggplant, cucumber, okra and water melon	Co-PI	4/2022	2/2026	Syngenta India Limited	04.6
Evaluation of some new insecticide for better chemical management of Jute	Co-PI	7/2023	7/2025	Syngenta India Limited	03.22
Evaluation of some new insecticide for better chemical management of pest of different crops.	Co-PI	5/2022	5/2024	Syngenta India Limited	51.52

II. TEACHING EXPERIENCE

Sl. No.	Item	Details	Years
1.	Graduation level		
2.	Masters' level	PPA -516, PPA -517	2 YEARS
3.	Doctoral level		
4.	Ph.D Student Guidance	2	8 YEARS
5.	M.Sc. Student Guidance		
6.	Innovation of Teaching Methods		

a) Professional Trainings

Details of the programme	Level (Local / National / International)	Period	
		From (DD/MM/YYYY)	To (DD/MM/YYYY)
Training at national level			
Bio intensive integrated management of insect-pests and diseases of crops organized by ICAR-DOR, Hyderabad.	National	9.11.2005	29. 11.2005
Ago-Ecosystem Analysis. Organized by DEE, UBKV	Local	18.02.2006	21.02.2006
Role of mineral nutrients and innovative eco-friendly measures in the crops organized by GBPUAT, Pant Nagar	National	22.03.2007	11.04. 2007
Market Led Extension, organized by MANAGE.	National	17.11.2008	23.11. 2008
Office automation, Server, Website design and development. Organized by ERNET India.	National	18.08.2008	27. 08.2008
LAN, WAN & Latest Technologies. Organized by MANAGE.	National	15.09. 2009	19.09. 2009
Use of ICT in Extension outreach of farm technologies at grassroots level. Organized by DEE, UBKV	Local	15.09. 2009	19.09. 2009
Recent advances in mass production of biological control agents organized by ICAR- NCIPM, New Delhi	National	01.09.2015	10.09. 2015
Molecular approaches for plant disease diagnostics and resistance mechanism. AAU, Assam	National	03.11.2016	12.11.2016
Training at International level			

Sakura Science exchange programme administered by Japan Science & Technology Agency, Japan	International	06.10.2019	12. 10.2019
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b) Seminars/Symposiums/Workshops

Details of the programme	Period	
	From	To
NATIONAL		
Name of the seminar: National seminar on ICT for agriculture and rural development Title: Development of a software Citrus e-clinic (Oral Presentation) Organized by: CHF, CAU, Pashighat. Arunachal Pradesh	09.09.2009	11.09.2009
Name of the seminar: National seminar on ICT for agriculture and rural development (Oral Presentation) Title: Development of Village level plant health clinic at Bungkulung Organized by: CHF, CAU, Pashighat. Arunachal Pradesh	09.09.2009	11.09.2009
Name of the seminar: National symposium on Advances in abiotic and biotic stress management of plants Title: Occurrence and Severity of Turcicum Leaf Blight of maize in hill and terai region of West Bengal.(Oral) Organized by: Department of Botany, NBU, Siliguri, West Bengal	23.09.2011	24.09.2011
Name of the seminar: Horticulture for Nutritional, Livelihood and Environmental security in hills: Opportunities and Challenges Title: Distribution and Management of <i>Colletotrichum</i> blight of large cardamom in Darjeeling hills Organized by: RRS (Hill Zone), UBKV, Kalimpong	22.04.2014	24.04.2014
Name of the seminar: Advances of Biology: Eastern Himalayan Prospective Title: Process of Development of Northern Blight Disease in Maize Organized by: Kalimpong College, Kalimpong, WB	04.10.2015	04.10.2015
Name of the seminar: Bio-resources Management for Sustenance of Ecosystem and livelihood Title: Symptom Expression in <i>Turcicum</i> Blight disease of maize Organized by: COBACAS, UBKV, Pundibari	26.11.2015	29.11.2015
Name of the seminar: New Paradigms of Plant Health Management: Sustaining Food Security under Climate Change Scenario Title: Bio-physical and socio-economic factors associated with <i>Citrus</i> decline in hill and mountainous ecosystem of West Bengal (Lead lecture) Organized by: Bihar Agricultural University, Sabour and IPS	17.11.2018	19.11.2018
Name of the seminar: Utilization of microbiome for sustainable plant health and livelihood Title: Citrus decline in the Darjeeling Himalayas - issues and strategies Organized by: IMS, Kolkata, WB	06.12.2024	08.12.2024
INTERNATIONAL		

Name of the seminar: Horticulture for Nutritional, Livelihood and Environmental security in hills: Opportunities and Challenges Title: Distribution and Management of <i>Colletotrichum</i> blight of large cardamom in Darjeeling hills Organized by: RRS (Hill Zone), UBKV, Kalimpong	22.04.2014	24.04.2014
Name of the seminar: Next Generation Approaches for Suitable Development of Hill and upland Horticulture Title: Effect of Seed Bio-priming on Crop Management of Round Chilli in Darjeeling Hills Organized by: Sikkim University, Sikkim	05.11.2015	07.11.2015
Name of the seminar: Global efforts on agriculture, forestry, environment and food security Title: Citrus decline in hill and mountainous ecosystem of West Bengal Organized by: Institute of Forestry, Tribhuvan University, Pokhara Campus Pokhara, Nepal	17.10.2022	19.10.2022
Name of the seminar: Empowering farmers for climate resilient orange cultivation in Eastern Himalayas Title: Eco-friendly management of Citrus decline Organized by: DCOMP, West Bengal	05.03.2025	06.03.2025

c) Seminars/Symposiums/Workshops organized

Details of the programme	Period	
	From	To
Horticulture for Nutritional, Livelihood and Environmental security in hills: Opportunities and Challenges (International)	22.04.2014	24.04.2014
Contemporary Issues in Integrating Climate-The Emerging Area of Agriculture, Horticulture, Biodiversity, Forestry; Engineering Technology, Applied Science and Business Management for Sustainable Development (International)	11.04.2017	12.04.2017
Current Issues in Agricultural, Biological & Applied Sciences for Sustainable Development. (International)	11.06.2022	13.06.2022

IV. Extension Experience

a) Participatory Research

Title of Technology	Methods Adopted	Individual/Collaborative

b) Technology Developed

Category of achievement	Title	Year	Additional information, if any

V) Other academic related experiences

Sl. No.	Other academic experiences
1	

B. Administrative Experience

Sl. No.	Name of the Post	Nature of Work	Duration	Organization	Remarks
1	Officer In-Charge RRSS, Pedong	Administration	2 years	UBKV	

2.	Nodal Officer IPR Cell	Organizing workshops, seminars, and training sessions on IPR. Spreading awareness among students, researchers, and faculty about the importance of protecting intellectual property. Assisting inventors, faculty, and researchers in identifying and protecting their intellectual property. Providing guidance on filing patent applications.	Cont.	DSTBT Govt. of WB	
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6. LIST OF PUBLICATION

Journal Papers

- Baral, D., Saha, J., Thapa, S., Koshariya, A. K., & Ali, S. (2025). *Meyerozyma caribbica* YDP-27: Biocontrol agent tolerance to oxidative, osmotic and temperature stress for postharvest applications. *Plant Pathology*, 74(5), pp 1376-1388
- Baral, D., Saha, J., Thapa, S., Koshariya, A. K., & Ali, S. (2025). Phyllosphere yeast *Meyerozyma caribbica* YDP-27: Effective biocontrol against post-harvest pathogens with stress resilience. *Journal of Phytopathology*, 173(2), e70059.
- Ali, S., Sharma, B. R., Rai, A., Tarafder, H. K., Baskey, S., Kabir, M., & Gurung, N. (2024). Eco-friendly management of rhizome rot and wilt complex disease of ginger in hill zone of West Bengal with emphasis on bacterial wilt. *Journal of Mycopathological Research*, 62(4), 787–790.
- Ali, S., Rai, A., Tarafder, H. K., Ghimiray, T. S., Bantawa, P., & Saran. (2024). *Turcicum leaf blight: A threat to maize cultivation*. *Journal of Micropathological Research*, 62(4). <https://doi.org/10.57023/JMycR.62.4.2024>
- Gupta, R. S. K., Bantawa, P., Rai, S., Ali, S., Pradhan, J., & Lama, S. B. (2024). *Enhancing citrus resilience: Strategies and advances in abiotic stress management: A review*. *Indian Journal of Agricultural Research*, 58(Special), 953–961.
- Sharma, B. R., Ali, S., Rai, A., & Tarafdar, H. K. (2024). *Integrated management of rhizome rot and wilt disease complex of ginger (Zingiber officinale)–A review*. *Environment and Ecology*, 42(2A), 666–669.
- Baral, D., Thapa, S., Lepcha, R., Koshariya, A. K., & Ali, S. (2024). *Alternaria ethzedia* causes Kadamba leaf spot in Punjab: A new host report. *Journal of Phytopathology*, 172(6), e13435.
- Khawash, P., Sharma, U. B., Roy, S., Gyeltshen, S., Sapkota, P., Sunar, N., Chhetri, N., Rai, A., Gupta, S. K., Ali, S., Rai, R., & Bantawa, P. (2023). Indigenous traditional knowledge of preparation of Marcha starter culture of Jaanr and Raksi by some of the local tribal communities of Kalimpong and Darjeeling districts of West Bengal, India. *NBU Journal of Plant Sciences*, 15, 60–64.
- Rai, R., Ali, S., & Bantawa, P. (2022). Preliminary observation on the ecological amplitude of *Hypoestes phyllostachya* Baker in Darjeeling and Kalimpong Himalayas. *NBU Journal of Plant Sciences*, 14, 32–34.
- Baral, D., Behera, R., Thapa, S., Koshariya, A. K., Reddy, C. B., Sharma, E., Chhetri, S., & Ali, S. (2025). Occurrence of *Pestalotiopsis arengae* as a leaf blight pathogen on *Aspidistra elatior* in Punjab, India. *Crop Protection*, Article 107336.

11. Baskey, S., Thapa, B., Roy, K., Sharma, B. R., Ali, S., Hembram, S., & Khalko, S. (2020). *Survey on diseases of medicinal and aromatic plants of North Bengal districts of West Bengal, India*. *Journal of Agricultural Technology*, 7(1&2), 33–36.
12. Baskey, S., Khalko, S., Hembram, S., Sharma, B. R., & Ali, S. (2020). *Survey for the incidence of stem rot of groundnut in North Bengal districts of West Bengal, India*. *International Journal of Current Microbiology and Applied Sciences*, 9(1).
13. Barma, P., Sarkar, S., Sarkar, R. K., Moktan, M. W., Ali, S., & Rahaman, F. H. (2018). *An on-farm trial to evaluate the performance of the improved rice varieties in Darjeeling district of West Bengal*. *Journal of Entomology and Zoology Studies*, 6(6), 78–81.
14. Sharma, B. R., Debnath, A., Ali, S., Baskey, S., Thapa, A., & Dutta, S. (2017). *Identification and characterization of different pathogens associated with the rhizome rot and wilt disease complex of ginger in Darjeeling Himalayas*. *Journal of Mycopathological Research*, 54, 517–521.
15. Ali, S., Sharma, B. R., Sherpa, F., & Chowdhury, A. K. (2017). *Cultural, morphological and genetic variability in Exserohilum turcicum — A review*. *Progressive Research – An International Journal*, 12(Special IV), 2721–2724.
16. Patra, B., Tudu, B., Ali, S., & Samanta, A. (2017). *An insight into bio-ecology and management strategies of citrus leaf miner (Phyllocnistis citrella Stainton, Lepidoptera: Gracillariidae)*. *International Journal of Basic and Applied Biology*, 4(2), 98–101.
17. Tarafder, H. K., Barma, P., Tudu, B., Patra, B., Gurung, S., Sharma, B. R., & Ali, S. (2017). *Darjeeling mandarin production constraints: Issues and strategies*. *Progressive Research – An International Journal*, 12(Special-II), 1523–1525.
18. Yonzon, R., Murmu, D. K., Das, B., Mazumder, C., & Ali, S. (2016). *Screening of the chilli genotypes against leaf curl and anthracnose disease under field condition*. *Green Farming*, 7(6), 1368–1371.
19. Baskey, S., Thapa, B., Roy, K., Ali, S., Sharma, B. R., & Hembrom, S. (2016). *First report of leaf spot (Alternaria alternata) on Swertia chirayita—a critically endangered medicinal plant of sub-Himalayan zone*. *Asian Journal of Science and Technology*, 7(4), 2760–2762.
20. Ali, S., Sharma, B. R., Yonzon, R., & Choudary, A. K. (2015). *Integrated management of turcicum leaf blight disease of maize (Zea mays L.) in hill agro-ecological zone of West Bengal*. *Journal of Agricultural Technology*, 2(1), 92–94.
21. Ali, S., & Chowdhury, A. K. (2014). *Leaf anatomical studies of maize (Zea mays L.) in relation to tolerance and susceptibility to turcicum leaf blight disease*. *International Journal of Agriculture, Environment and Biotechnology*, 7(2), 321.
22. Ali, S., & Chowdhury, A. K. (2014). *Histopathological studies on turcicum leaf blight disease (Exserohilum turcicum) of maize (Zea mays L.) in hill agro-ecological zone of West Bengal*. *Journal of Mycopathological Research*, 52(1), 113–116.
23. Ali, S., Moktan, M. W., & Chowdhury, A. K. (2014). *Effect of weather parameters and dates of sowing on Turcicum Leaf Blight (TLB) disease of maize (Zea mays L.) in Darjeeling Himalaya*. *Journal of Interacademia*, 18(1), 55–59.
24. Dikshit, S. S., Ali, S., & Rai, S. (2014). *Angiospermic phyto-parasites of the Darjeeling Himalayas and their ethnomedical importance*. *Environment and Ecology*, 32(2), 491–494.
25. Ali, S., & Moktan, M. W. (2014). *Impact of farmers training on Integrated Pest Management of mandarin orange (Citrus reticulata Blanco.) in Darjeeling hills*. *Environment and Ecology*, 32(2), 414–417.
26. Ali, S., Sarkar, R. K., Moktan, M. W., Pandit, T. K., & Kharga, B. D. (2014). *The benefits and problems of cash crop farming in Darjeeling hill region of West Bengal – A case study*. *Journal of Interacademia*, 18, 289–295.
27. Ali, S., Moktan, M. W., Ghimiray, T. S., & Khalko, S. (2014). *Occurrence and chemical management of blast disease of rice in hill agro-climatic zone of West Bengal*. *Journal of Plant Protection and Environment*, 11(1), 116–118.

28. Bhattarai, A., Ali, S., & Bhardwaj, S. V. (2014). Production of Cucumber Mosaic Virus (CMV)-free gladiolus shoots by meristem tip culture. *Journal of Mycopathological Research*, 52(1), 107–111.
29. Ghosh, C., Khalko, S., & Ali, S. (2013). Antagonistic effect of fluorescent *Pseudomonads* isolated from Terai agroclimatic zone of West Bengal against some soil borne fungal plant pathogens. *Journal of Plant Protection and Environment*, 10(2), 34–39.
30. Ali, S., & Mandal, D. (2003). *Chemical control of leaf curl disease of tomato*. *Environment and Ecology*, 21(2), 293–295.
31. Yadav, V. B., Wangchu, L., Singh, B., Ali, S., & Mitra, S. K. (2003). Correlation studies among fruit characters of different clones of mango cv Langra. *Environment and Ecology*, 21(1), 119–122.
32. Ali, S., De, B. K., Nath, P. S., Yadav, V. B., & Wangchu, L. (2002). *Tomato leaf curl virus disease on different tomato cultivars in the New Alluvial Zone of West Bengal*. *Environment and Ecology*, 20(4), 908–911.

Research Articles / Short Notes:

- 1.

Popular Articles:

1. Gurung, N., Sarkar, S., Ali, S., Ghosh, A. and Tamang W. (2024). Mitigating Pre-Harvest Fruit Drop in Darjeeling Mandarin: Key Factors and Management Strategies. *Food and Scientific Reports*, 5(9): 17-21
2. T. S. Ghimiray, S. Gurung and S. Ali (2024) Reviving Darjeeling Mandarin: Challenges and Strategies for Sustainable Citrus Cultivation. *The Science world a Monthly e magazine*, pp2491-2499

Books:

1. S. Rai, M.W Moktan., S. Ali (Editors) (2009) *Krishi Sandesh*, Published by Miyazaki International Volunteer Centre, Japan

BOOK CHAPTERS:

1. Sajeed Ali Subrata Manna (2011) *Information and Communication Technology for Agriculture and Rural Development* (Eds: R. Saravanan C. Kathiresan, T. Indra Devi) published by New India Publishing Agency Pitam Pura, New Delhi-110 088.
2. Sajeed Ali (2011) *Disease management strategy*. In: *Organic Practices in hill agriculture*, Chapter XVI.
3. Sajeed Ali R Yonzon S. Baskey BR Sharma (2014) *Northern Blight disease of maize (Zea mays L.)* published by Eastern Himalaya Green Initiative Research & Conservation Trust, Kalimpong

7. Ph.D Guidance

AREA OF INTEREST	:		Mycology and Plant Plant Pathology
RESEARCH SUPERVISION	:	M.Sc (Ag.)	0
RESEARCH SUPERVISION	:	Ph.D	1

Doctoral Thesis

1. Sajeed Ali (2013) *Studies on Turcicum Leaf Blight Disease of Maize (Zea Mays L.) in North Bengal (UBKV)*

Master Thesi

1. Sajeed Ali (2000). “*Studies on Leaf Curl Disease of Tomato (Lycopersicon esculentum Mill.) in the plains of West Bengal.* (BCKV)

8. Any other relevant information (regarding achievement by the individual)

- a. Awarded Fellow of Indian Mycological Society (IMS) by Indian Mycological Society, Kolkata.