

Faculty Name: Dr. Mohd Shahijahan Dar
Designation : Assistant Professor
Subject : Botany
Area of Specialization : Plant Pathology
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Summary

- Ph.D. degree in: **Botany**
- Currently working at: **Govt. Degree College for Women, Anantnag, India**

Awards and Achievements

- Editorial Board Member of Global Journal of Agriculture & Agricultural Science
- Reviewer of International Journal of Plant breeding and Crop Science
- **Certificates of Achievement:**
 - 1- Successful completed an online course on "The future of farming: Exploring Climate Smart Agriculture" and got a personalized certificate of achievement from the University of Reading, Berkshire (UK).
 - 2- Successfully completed a course on "Anatomy - know your abdomen" from the University of Leeds, Yorkshire England (UK) and obtained a certificate of achievement.
 - 3- Completed a course on "Designing Assessments to measure student outcomes" from American Association of Colleges for Teacher Education. New York (USA)
 - 4- Completed a course on "Influenza- How the flu spreads and evolves" from Lancaster university - Lancaster, United Kingdom and obtained a certificate of achievement.
 - 5- Obtained a certificate of achievement from the University of Glasgow Scotland (UK) after successfully completing a course on " The right to education - Breaking down the barriers"
 - 6- Obtained a certificate of Achievement from The Open University United Kingdom after successfully completing a course on "Introduction to eco systems".
 - 7- Obtained a certificate of participation with Grade A from University of Madras in association with Indian Academic Researchers Association, India after successfully completing three days online course on Writing Case Studies, Project Preparation and Funding of Research Projects from 21st - 23rd May 2020.
 - 8- Successfully completed a four week online course on Climate Change Solutions from University of Exeter, and obtained a certificate of achievement.

Participation in Orientation/ Refresher/ Faculty Development Program

1. Attended UGC sponsored General Orientation Program organised by UGC Academic Staff College, Aligarh Muslim University, Aligarh from 31-01-2012 to 29-02-2012 and obtained Grade “A”.
2. Participated in UGC sponsored Refresher Course in Environmental Studies (ID) organised by UGC-HRDC, Punjabi University Patiala from 16-02-2015 to 07-03-2015 with Grade “A”.
3. Participated in UGC sponsored Refresher Course on Disaster Management (ID) organised by UGC-HRDC Guru Nanak Dev University, Amritsar from 14-11-2018 to 04-12-2018 with Grade “A”.
4. Attended two days Online Professional Development Programme on E-Content Development for MOOCS and online Teaching organised by UGC, HRDC Jamia Millia Islamia University, New Delhi from 27th - 28th May 2020.
5. Participated in Two week Faculty Development Program (FDP) on Research Methodology organised by Teaching Learning Centre, Ramanujan College, University of Delhi under (PMMMNMTT) of MHRD from 01 Oct. to 15 Oct. 2020
6. Successfully participated in one week Faculty Development Program (FDP) on Life Skills for Educators from 02 Nov. to 06 Nov. 2020 organised by Teaching Learning Centre, IIT (BHU), Varanasi, UP India and supported by (PMMMNMTT, MHRD) , India
7. Participated in UGC sponsored online Subject Refresher Course in Human Rights (Open to all) organised by UGC-HRDC Aligarh Muslim University, Aligarh from 8-9-2021 to 21-09-2021 with Grade “A”.

Participation in Seminars/Webinars/Conferences /Online Quiz

1. Participated in one day webinar on Accelerate Research Planning using Elsevier, Science Direct and Mendeley organised by Elsevier and Islamic University of Science and Technology Awantipora, India on 4th May 2020.
2. Participated in one day International Conference on Higher Education Digitization Issues, Challenges and Way-Forward organised by Innovation Society India on 16th May 2020.
3. Attended two days International Conference on Science Engineering and Technology organised by Society for Technologically Advanced Materials of India (STAMI) from 15-16th May 2020.
4. Passed Online Covid-19 awareness Quiz organised by Govt. Degree College, Chenani, Udhampur, J&K, India on 24th May 2020.
5. Participated in a Workshop on Plagiarism, An Opportunity to Learn, Teach and Excel organised by Department of Bioresources, University of Kashmir, India on 24th June 2020.
6. Participated in One day Online International Webinar on Traumatic Effects of Covid-19 on Human Migration with Special Reference to Teaching, Learning and

Evaluation Process organised by Amolakchand Mahavidyalaya Yavatmal, Maharashtra, India on

7. Participated in National Level Webinar on Moving Forward Through The Challenges Posed By Covid-19 in the Manufacturing Sector organised by CMS, Jain (Deemed to be University) India on 30th May 2020.
8. Attended online mini Workshop cum Webinar on E-Content Development on 16th August 2020 organised by GGM Science College, Cluster University Jammu, India.
9. Participated in one day National Seminar on Higher Education Reforms in National Education Policy-2020 organised by Guru Angad Dev Teaching Learning Centre, SGBT, Khalsa College, University of Delhi under (PMMMNMST) of MHRD on 04 Sep. 2020
10. Participated in one day National Seminar on Promotional Avenues for Teachers in Higher Education: CAS Regulation-2018 organised by Guru Angad Dev Teaching Learning Centre, SGBT, Khalsa College, University of Delhi under (PMMMNMST) of MHRD on 05 Sep. 2020
11. Participated in one day workshop on Skills and Entrepreneurship Development Opportunities for Youth of J&K organised by Department of Bioresources, University of Kashmir in collaboration with Skill Development Department, Govt. of J&K and JKEDI on 15 Nov. 2020
12. Actively participated in International Web-Conference on the theme “Ecosystem Restoration” organized by Science club and Department of Environment Science of PG College Rajouri in collaboration with Pir Panjal Environment and Eco-Development Society, Poonch on 5th of June 2021.

Research Publications

- 1- Mohd. Shahijahan Dar and Rajendra Sharma (2007). Chemical control of Blast disease, *Pyricularia grisea* in rice under temperate conditions of Kashmir. Agric. Biol. Res. 23 (1): 8691.
- 2- Ali Anwar, G.N. Bhat, Mohd. Shahijahan Dar and Rajendra Sharma (2007). Evaluation of tissue extracts of medicinal plants against rice blast caused by *Magnaporthe grisea*. Ann. Pl. Protec. Sci. 15 (2): 511-513.
- 3- Rajendra Sharma and Mohd. Shahijahan Dar (2007). Reaction of some rice genotypes to blast disease (*Pyricularia grisea*) in nursery under temperate conditions of Kashmir. Agric. Biol. Res. 23 (2): 120-123.
- 4- Mohd. Shahijahan Dar, Rajendra Sharma, Ali Anwar and G.N. Bhat (2008). Impact of N- levels on outbreaks of rice blast disease caused by *Magnaporthe grisea* under temperate conditions. Environment and Ecology 26 (4A): 1894-1895.

- 5- Mohd. Shahijahan Dar, Rajendra Sharma, Ali Anwar and G.N. Bhat (2008). Impact of Bioinoculants through seed treatment in management of blast disease caused by *Magnaporthe grisea* in rice at nursery level. *Agric. Biol. Res.* 24 (1): 164-167
- 6- Mohd. Shahijahan Dar, Sajjad Hussain, G.N. Joo and Masood Majaz (2010). Prevalence and distribution of blast disease (*Magnaporthe grisea*) on different components of rice plants in paddy growing areas of the Kashmir valley. *International Journal of Pharma and Biosciences.* 1 (3): 1-4
- 7- Mohd. Shahijahan Dar, Gh. Nabi Joo, Sajjad Hussain, Afshana Bashir, Masood Majaz Ganaie and Snober H. Bhat (2011). Effects of Humidity and temperature on the development of paddy blast caused by *Magnaporthe grisea* in rice variety K-39. *Agric. Biol. Res.* 27(1) : 41-51
- 8- Snober H. Bhat, Afshana Bashir Darzi, Mohd. Shahijahan Dar, Masood Majaz Ganaie and Sajjad Hussain Bakhshi. (2011). Correlation of soil physico-chemical factors with VAM fungi distribution under different agro-ecological conditions. *International Journal of Pharma and Biosciences.* 2 (1): 98-106
- 9- Showkat Ahmed Ganaie, Anita Rana, R. Sharma and Mohd. Shahijahan Dar (2011). Floral biology and pollen pistil interaction in *Tribulus terrestris* (Zygophyllaceae). *Agri. Biol. Res.* 27 (2): 140-145.
- 10- Javid Ahmed Wagay , Mohd. Shahijahan Dar and Deepak Vyas (2011). Antibacterial potential of *Morchella esculanta* against some human pathogenic bacteria. *Agric. Biol. Res.* 27 (2) : 156-165.
- 11- Mohd Shahijahan Dar, Sajad Hussain, Afshana Bashir Darzi and Snober H. Bhat (2011). Morphological variability among various isolates of *Magnaporthe grisea* collected from paddy growing areas of Kashmir. *International journal of pharmaceutical sciences review and research.* 8 (1) : 90-92.
- 12- Sajad Hussain, Shabir Ahmad Lone, Malik Tafazul Rashid, Mohd Shahijahan Dar and Khurshid Ahmad Shah. (2012). Impact of *Calothrix* sp.- A Promotive Biofertilizer on Growth Performance of *Barleria prionitis* in Pot Culture. *International journal of life science and Pharma research.* 2 (3) : 287-292.
- 13- Mohd Shahijahan Dar and Prince Firdoos Iqbal (2017). Perpetuation of rice blast pathogen (*Magnaporthe grisea*) under temperate conditions of Kashmir, India. *Annals of Plant Sciences.* 6(12):1804-1806.
- 14- Mohd Shahijahan Dar, Showkat Ahmad Ganie, Waseem Raja and Rafiq Ahmad Teeli. (2018). In- vivo investigation on antifungal properties of leaf extracts of certain medicinal plants through seed treatment and foliar sprays against rice blast

disease (*Magnaporthe grisea*) in Kashmir, India. Annals of Agrarian science. 16 (18): 267-271.

- 15- Mohd Shahijahan Dar, Gh. Nabi Joo and Showkat Ahmad Ganie (2018). Medicinal plants used by tribal and rural community of Sata Pokhran area of tehsil Pampore of district Pulwama, Jammu and Kashmir India. The Journal of Phytopharmacology. 7 (1): 66-71.
- 16- Rafiq Ahmad Teli, Showkat Ahmad Ganie, Mohd Shahijahan Dar, Waseem Raja and Surender Yadav (2018). Antioxidant activity of *Euphorbia hirta* L. leaf extracts. Research Journal of Pharmacy and Technology. 11(1): 199-202.
- 17- Mohd Shahijahan and Shahid E Murtaza (2021). Combined applications of fungicides, botanical formulations and biocontrol agent for managing rice blast caused by *Magnaporthe grisea* under temperate conditions of Kashmir. Journal of advanced scientific research. 12(2) suppl. 2: 86-90.

Books/Book Chapters Published

1. Bioprospection of *Holoptelea integrefolia* (Roxb). Panch (2017) LAP LAMBERT Academic Publishing. ISBN-10: 365936391X, ISBN-13: 978-3659363917.
2. Ecofriendly Approached to Combat Rice Diseases in Kashmir. Daya Publishers, New Delhi.
3. An Introduction to Medicinal Botany (2022). Daya Publishers New Delhi.