

# Resume

## Ms. TABASIA AMIN

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## OBJECTIVE

Seeking a challenging position and strive for excellence with dedication, proactive approach, positive attitude and passion towards the work that will fully utilize my logic and reasoning abilities in the best possible way for the fulfillment of organizational goals.

## CAPABILITIES

- Strong analytical and critical thinking skills.
- Good Communication & Presentation skills.
- Good Adaptability.
- Smart and thinking hard worker.
- Always optimistic.

## 1. Academic Qualification:

Degree / Qualification	Name of the Institute / School	Marks Scored	Year of passing
Ph.D Agriculture ( Plant Pathology)	SKUAST- Jammu	7.75/10 OGPA	2022
Msc. Agriculture (Plant Pathology)	SKUAST- Kashmir	7.95/10 OGPA	2018
Bsc. Agriculture	SKUAST- Jammu	7.01/10 OGPA	2016
Secondary (10 <sup>th</sup> )	J&K Board of School Education. Jammu	77.6%	2008
Higher Secondary (10 + 2)	J&K Board of School Education. Jammu	65.2%	2010

## Publications:

**M.Sc. Thesis -Title: Effect of planting techniques and organic amendments on the management of Fusarium wilt of common bean.ice caused by Xanr**

**Ph. D Thesis Title- Studies on Bacterial leaf blight of rice *Xanthomonas oryzae* pv. *oryzae*.**

2. Epidemiology of bacterial leaf blight of rice: Review; Agricultural Mechanization in Asia, Africa and Latin America, vol. 53, page no. 6741-6756. Authors, Tabasia Amin, Vishal Gupta, Sneha Choudhary, Aarushi Singh, Satish Kumar Sharma, Aarti, Munazah Yaqoob
3. Evaluation of rice germplasm against bacterial leaf blight of rice caused by *Xanthomonas oryzae* pv. *oryzae*. Biological forum-an international journal, vol.14, page no.824-832. Authors, Tabasia Amin, Vishal Gupta, Sonali Bhagat, Sneha Choudhary, Bushra Rasool, Aarushi Singh, Sheikh Saima Khushboo, Devanshi Pandit.
4. Screening of common bean genotypes for resistance against Fusarium wilt. Biological forum-an international journal, vol.13 (3a), page no.835-839. Authors, Tabasia Amin, Sheikh Saima Khushboo, Aarushi Singh.
5. Effect of planting techniques and organic amendments on the management of Fusarium wilt of common bean. Biological forum-an international journal, vol.13 (4), page no.1311-1322. Authors, Tabasia Amin, Sheikh Saima Khushboo, Dechan Choskit.
6. Weather based prediction of early blight of potato caused by *Alternaria solani* Agricultural Mechanization in Asia, Africa and Latin America, vol. 53, page no. 6351-6360. Authors, Rafakat Hussain, Vishal Gupta, Jagdish K Arora, Satish K Sharma, Devendra Kumar, Tabasia Amin, Sheikh Saima Khushboo.
7. Effect of different nutrient media on mycelial growth of isolates of *Pyricularia oryzae* causing rice blast disease. The pharma innovation, vol. 10(10), page no. 1797-1799. Authors, Devansh Pandit, A K Singh, Sheikh Saima Khushboo, Sardar Singh Kakraliya, Tabasia Amin.
8. Evaluation of different substrate with supplements for cultivation of *Lentinula edodes* (Berk) Pegler. Agricultural Mechanization in Asia, Africa and Latin America, vol. 53, page no. 6217-6223. Authors, Shazia Paswal, Sardar Singh Kakraliya, Tabasia Amin, Sheikh Saima Khushboo, Dechan Choskit, Stanzin Diskit, Devanshi Pandit.
9. Screening of *Lagenaria siceraria* (Mol) Standl. Genotypes against *Tobamovirus* causing mosaic disease in Jammu. The pharma innovation, vol. 11(3), page no. 2438-2442. Authors, Sneha Choudhary, Ranbir Singh, Sonali Bhagat, Tabasia Amin, S K Singh, Sachin Gupta, Amrish Vaid.
10. Effect of weather parameters on the severity of bacterial leaf blight of rice (cv. Bamati-370). Biological forum-an international journal, vol.14 (4), page no.123-133. Authors, Tabasia Amin, Vishal Gupta, Aarushi Singh, Sheikh Saima Khushboo.
11. Article; Role of resistance genes in the management of plant diseases. (Agri- Meet Multidisciplinary e- magazine), September issue, vol.2 and issue 9. Author, Tabasia Amin.
12. Article; Effect of climate change on plant diseases. (Agri- Meet Multidisciplinary e-magazine), September issue, vol.2 and issue 9. Author, Tabasia Amin.

PUBLICATIONS		
PUBLICATION TITLE	JOURNAL	NAAS RATING
EPIDEMIOLOGY OF BACTERIAL LEAF BLIGHT OF RICE	Agricultural Mechanization in Asia, Africa and Latin America	6.14
EVALUATION OF RICE GERMPLASM AGAINST BACTERIAL LEAF BLIGHT OF RICE CAUSED BY XANTHOMONAS ORYZAE PV. ORYZAE	BIOLOGICAL FORUM-AN INTERNATIONAL JOURNAL	5.11
EFFECT OF WEATHER PARAMETERS		

ON THE SEVERITY OF BACTERIAL LEAF BLIGHT OF RICE (CV. BASMATI-370)	BIOLOGICAL FORUM-AN INTERNATIONAL JOURNAL	5.11
EFFECT OF PLANTING TECHNIQUES AND ORGANIC AMENDMENTS ON THE MANAGEMENT OF FUSARIUM WILT OF COMMON BEAN	BIOLOGICAL FORUM-AN INTERNATIONAL JOURNAL	5.11
SCREENING OF COMMON BEAN GENOTYPES FOR RESISTANCE AGAINST FUSARIUM WILT	BIOLOGICAL FORUM-AN INTERNATIONAL JOURNAL	5.11
SCREENING OF LAGENARIA SICERARIA (MOL.) STANDL . GENOTYPES AGAINST TOBAMOVIRUS CAUSING MOSAIC DISEASE IN JAMMU	THE PHARMA INNOVATION	5.23
EFFECT OF DIFFERENT NUTRIENT MEDIA ON MYCELIAL GROWTH OF ISOLATES OF PYRICULARIA ORYZAE CAUSING RICE BLAST DISEASE	THE PHARMA INNOVATION	5.23
EVALUATION OF DIFFERENT SUBSTRATE WITH SUPPLEMENTS FOR CULTIVATION OF LENTINULA EDODES (BERK.) PEGLER	Agricultural Mechanization in Asia, Africa and Latin America	6.14
WEATHER BASED PREDICTION OF EARLY BLIGHT OF POTATO CAUSED BY ALTERNARIA SOLANI	Agricultural Mechanization in Asia, Africa and Latin America	6.14

### RESEARCH AND CAREER INTERESTS

As Bacterial diseases of rice are a major bottleneck towards a sustainable productivity. They are of paramount global importance, especially in the Asian countries, particularly in India. Extensive work has been done on the management of these diseases especially bacterial leaf blight which includes breeding for the tolerant varieties and chemical treatment. Several resistant genes have been isolated for the use in breeding of the future. As I am currently working on bacterial leaf blight of rice, a disease caused by a pathogen, *Xanthomonas oryzae* pv. *oryzae*. Bacterial diseases of rice continue to intrigue the plant pathologists in its managements. Chemical control is really hard to devise. I want to continue my research work on this disease as this disease badly destroying the farmers income and Indian economy. Specific bactericides are gradually coming to the fore but it has to be coupled with cultural, breeding and biotechnological techniques so as to usher in a polyphasic approach of the disease management. I had done my research work in molecular plant pathology in order to identify the different pathotypes which are responsible for this disease on the molecular basis. Molecular breeding for resistance was my major objective in order to identify which genes is responsible for resistance and the pyramiding of genes is done in order to maintain the resistance of the varieties against this destructive pathogen. As in Asian countries especially in Indian UT of Jammu and Kashmir, this disease destroyed the rice fields and farmers suffers a lot as they depend only on agriculture for their livelihood. The internationally exported varieties of rice like basmati-370, Ranbir basmati and pusa -1121 are mainly attacked by this pathogen. This disease causes 70-80% loss in rice crop in every year. This disease weakens the economy of the whole country.

## ACHIEVEMENTS:

1. Three poster presentations
2. Two oral presentations
3. Participation in 3<sup>rd</sup> International Conference on Ecotourism and Environment. 29-31 July, 2018 at SKUAST Kashmir.
4. Participation in National Symposium and Indian Phytopathological Society (North Zone) Meet -2017 on Ecolological sustainable plant disease management under diversified farming situation held on 13-14-10 November, 2017 at SKUAST-Jammu.
5. Participation in National Seminar on Himalayan Biodiversity. 18-19 September, 2017
6. Participation in National conference on Innovative Technology for Doubling Farmers Income held on 8-10 February, 2018 at SKUAST-Jammu.
7. Participation in National conference on Impact of Agricultural Technologies in Enhancing Growth and Income held on 23-24 October, 2018 at SKUAST-Jammu
8. Participation in one day National Seminar on Biodiversity and Climate Change held on 26<sup>th</sup> october 2018 at Degree College, Budgam, Kashmir.
9. Participation in two day National Science Conference on Science, Society and Sustainable Development held on 25<sup>th</sup>- 26<sup>th</sup> November, 2018 at Degree College Poonch, Jammu.
10. Participation in one month training programme at Biostadt India Limited industries Baribrahmna Jammu from 25<sup>th</sup> april to 9<sup>th</sup> may 2016.
11. Two month training at national institute of agricultural extension management Hyderabad on agri- entrepreneurship.
12. Participation in 21 day international training programme on agriculture drones revolutionizing the future of agriculture held on 21<sup>st</sup> may to 10th june 2022 via. virtual mode.
13. Participation in one week national training programme on quality control and production of biopesticides held on 16-22 september, 2021.
14. Participation in 3<sup>rd</sup> global meet on science and technology for ensuring food and nutritional security held during 1-3 december, 2019 at national research centre on seed species, Ajmer (Rajasthan) India. Presented poster and awarded with 2<sup>nd</sup> prize for best poster presentation.
15. International E-conference on environment sustainability held on June 4, 2022 at Govt. P. G. College Rajouri, J&K India and presented paper entitled ‘‘Effect of

weather parameters on bacterial leaf blight of rice and awarded with best oral presentation.”

16. Two day national seminar on sustainable food security held on 5<sup>th</sup> and 6<sup>th</sup> may 2022 and presented paper entitled Identification of pathotypes of *Xanthomonas oryzae* pv. *oryzae* in Jammu subtropics.

AWARDS & RECOGNITIONS	
TITLE	DESCRIPTION
<b>BEST THESIS AWARD (M.Sc. Thesis)</b>	<b>EFFECT OF PLANTING TECHNIQUES AND ORGANIC AMENDMENTS ON THE FUSARIUM WILT OF COMMON BEAN</b>
<b>BEST ARTICLE AWARD</b>	<b>EFFECT OF CLIMATE CHANGE ON PLANT DISEASES</b>
<b>SECOND BEST POSTER AWARD</b>	<b>PREVELANCE AND INCIDENCE OF PADDY DISEASES IN JAMMU SUB-TROPICS</b>
<b>BEST ORAL PRESENTATION</b>	<b>EFFECT OF WEATHER PARAMETERS ON BACTERIAL LEAF BLIGHT OF RICE</b>

## WORK EXPERIENCE

- 1.Rural Agriculture Work Experience (6 months)
- 2.Training in National Institute of Agricultural Extension Management Rajendranagar, Hyderabad (2 months)
- 3.Training on quality control and production of biopesticides (1 week)
4. 21 days international training cum certificate course organized by Agri Meet Foundation & Aviana HV Bioscience Pvt ltd.
5. National level-e- workshop on mushroom cultivation; avenues and challenges held on 27 november, 2020 at SKUAST Jammu.

## IT SKILLS:

Well versed with window based computer programs, MS-Office (MS Excel, MS- Word and MS- Powerpoint), Statistical Software's (SPSS, SAS and R software)

## PERSONAL PROFILE:

Father's Name: Mohd Amin Khan  
Father's Occupation: Farmer  
Date of Birth: 15 march 1993  
Address: R.O and B.P.O Dhargloon, Tehsile- Balakote, District- Poonch, Pincode- 185211

Gender: Female  
Nationality: Indian  
Marital Status: Single  
Linguistic ability: Pahari (Mother tongue), English  
(Medium of education), Urdu (second language)

**DECLARATION:**

I hereby solemnly declare that the above furnished particulars are true to the best of my knowledge and belief.

**TABASIA AMIN**