RESUME

PRATEEK MADHAB BHATTACHARYA

PROFESSOR, PLANT PATHOLOGY

CONTACT DETAILS

PHONE NO. : +91-9434338238

E-MAIL ID : prateek@ubkv.ac.in, pmbubkv2012@gmail.com

OFFICIAL ADDRESS : Bio-control Agents Mass Production and Service Centre
Department of Plant Pathology
Uttar Banga Krishi Viswavidyalaya
Pundibari, Coochbehar, West Bengal, India, 736165

OFFICIAL ADDRESS : B-2, Srijani Appartments
PVNN Road (Opposite Sunity Academy)
Coochbehar, West Bengal, India, 736101

2. FATHERS NAME : Sri. Amiya Madhab Bhattacharya

3. DATE OF BIRTH : 31ST JULY 1969

4. 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			
Secondary	CBSE	1982	1984	64%	1ST	
Higher Secondary	CBSE	1984	1986	66%	1ST	Science
Graduation	VISVA BHARATI	1987	1991	65.5%	1ST	
Master Degree	BCKV	1991-92	1995	80.37% (3.37/4)	1ST	FUNGI AND PLANT INFECTION
Doctoral Degree	BCKV	1995	2000	3.66/ 4	1ST	FUNGI AND PLANT INFECTION

4. National Level Award for PhD Thesis : NA

5. Experience (Experience and Professional)

a. In rank of the Professor

Sl. No.	Employer	Post held	Pay scale	Period of employment		Actual duration
				From	To	
1	UBKV	ASSOCIATE PROFESSOR	37400-67000 (AGP 9000)	19-12-2013	18-12-2016	3 years
2.	UBKV	PROFESSOR	37400-67000 (AGP 10000)	19-12-2016	Continuing	5 years 2 months

b. As Unit Head : As In-charge of ELP on Biological Control Mass Production Unit and Service Centre

c. As Establishment Head : Head, Department of Plant Pathology, since Sept. 2022

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)		
Productivity improvement of Mungbean (*Vigna radiata*) with biofertilizer package and its impact on rice based cropping system with particular reference to soil health under Terai Agroclimatic Zone (#2) of West Bengal	PI	2004	2009	DBT	24.53
INM on Commercially Important Plantation Crops-Tea (DBT Network Project)	PI	2008	2011	DBT	15.00
Development of 'minimum common programme' for production of bio-primed seedlings for vegetable cultivation under organic farming system in hill and terai agroecological region of West Bengal	PI	2010	2014	RKVY	34.76
Small Research Activity on Local Level Food Foresight	PI	2019	2021	IFPRI	$ 16000.00
"Intercropping for intensification and diversification in the Indo Gangetic Plains"	PI	2022	Cont.	CSIRO	AUD 40000.00
Additive intercropping in wide-row crops for resilient crop production in Bangladesh, Bhutan and India	PI	2023		ACIAR	AUD 277000
"Bio-efficacy of Acetamiprid 5.0 % w/w + Diamethoate 29.0 % w/w + Propineb 35.0% w/w WP against Aphids & Thrips, Early and late Blight and phytotoxicity in Groundnut"	PI	2024	CONT	Tropical Agrosystem (India) Pvt. Ltd	6.30

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)		
Maximizing productivity, farmer profit and nutrient use efficiency in rice based cropping systems in soils of Terai Agro-ecological region of West Bengal	CO-PI	2005	2008	PPIC (Phosphate and Potash Institute of Canada)	
Integrated management of weeds in rice based cropping system	CO-PI	2005	2008	ICAR	10.0
Revitalizing the rice wheat cropping system of Indogangetic plains : Adaptive and adoption of resource conservation technologies in india	Co-Investigator	2006	2009	Rice –Wheat Consortium	6.0
Promotion of conservation agriculture as a new enterprise for sustainability of production system and resource conservation	CO-PI	2011	2014	RKVY	80.0
Spot blotch of wheat: Delivering resistant WHEAT lines and diagnostic and molecular markers for resistance	INVESTI-GATOR	2012	2017	CGIAR-CIMMYT (CRP Programme)	$ 45000
Deciphering phytohormone signaling in modulation of resistance to spot blotch disease for identification of novel resistance components for wheat improvement	INVESTI-GATOR	2012	2017	CGIAR-CIMMYT (CRP Programme)	$30000
Cereal System Initiative for South Asia (CSISA)-Wheat Breeding (Objective 4)	CO-PI	2009	2015	BILL & MILLINDA GATES FOUNDATION – CIMMYT	$22000
Sustainable and resilient farming systems intensification in the eastern Gangetic Plains (SRFSI)	CO-PI	2013	CONT.	ACIAR	AUS $ 4,36,732.00
Project on Increasing food legumes production by small farmers to strengthen food and nutrition security through adoption of improved technologies and governance within South-south Cooperation	CO-PI	2013	2018	ICARDA	30.0
Phenotyping of mapping	CC-CO-PI	2011	2015	DBT	23.0

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)		
populations at hot spots and tagging of major QTLs associated with spot blotch resistance in wheat					
Development of bio-resource complex – a single window for service and training	CO-PI	2011	2014	RKVY	96.0
Agri-Research Station on environment and climate change and its impact on crop production (Phase I) Terai Region	CO-PI	2011	2014	RKVY	100.0
On farm plant protection advisory service	CO-PI	2012	2014	RKVY	46.0
Establishment of Rural Bioresource Complex in North Bengal	CO-PI	2012	2017	DBT	96.0
Disease Pestilence Warning System (Old Alluvial Zone)	Co-PI	2013	2015	RKVY	53.0
Niche Area of Excellence on "Development of blast resistance high yielding short grain aromatic rice variety for northern Bengal."	Co-PI	2019	2022	ICAR	195.0
Understanding Farm-Household Management Decision making for Increased Productivity in the Eastern Gangetic Plains	CO-PI	2017	Cont	ACIAR (Collaboration with University of Western Australia)	

II. TEACHING EXPERIENCE

Sl. No.	Item	Details	Years
1.	Graduation level	UBKV	22 years (2001- till date)
2.	Masters' level	-Do-	22 years (2001- till date)
3.	Doctoral level	-Do-	21 yrs. (2002- till date)
4.	Ph.D Student Guidance	-Do-	18 years (2006- till date)
5.	M.Sc. Student Guidance	-Do-	20 years (2003-till date)
6.	Innovation of Teaching Methods	-Do-	20 years (2003- till date)

a) Professional Trainings

Details of the programme	Level (Local / National / International	Period	
		From (DD/MM/YYYY)	To (DD/MM/YYYY)
Training at national level			
ICAR-INFLIBNET training programme for agriculture librarians on networking and E-resource management **(INFLIBNET, Ahmedabad)**	National	19-08-2003	30-08-2003
Biotechnological approaches for the management of plant pathogens in export oriented horticulture crops **(TNAU, Coimbatore)**	National	02-12-2003	22-12-2003
Training programme cum workshop on Computer aided material production **(NAARM, Hyderabad)**	National	24 -05-2004	03-06-2004
Role of mineral nutrients and innovative eco-friendly measures in crop disease management **(GBPUAT, Pantnagar)**	National	22-03-2007	11-04-2007
Training at International level			
Agricultural Innovation Systems, Barsana Hotel and Resort, Darjeeling, West Bengal, India	International	29-10-2013	31-10-2013
Wheat Improvement and Pathology Course, National Wheat Research Centre, (**Bhairawa, Nepal**)	International	29-11-2009	12-12-2009
Advanced Wheat Improvement and Pathology Training Course. **(El Batan, Texcoco, Mexico)**	International	01-08-2012	28-09-2012
International Training Workshop on 'Approaches for integrated analysis of agricultural systems in South Asia:	International	18-05-2015	23-05-2015

field, to farm, to landscape scale' (**CSSRI, Karnal)**			
6th Advance Course on CA: Gateway for Productive & Sustainable Cropping Systems in Asia (**Bourlaug Institute for South Asia (BISA) Ludhiana**	International	24-10-2015	07-11-2015
Standardization of stem rust field notes and germplasm evaluation, with discussions on stripe and leaf rust (**KALRO, Njoro, Kenya)**	International	02-10-2016	12-10-2016

b) Seminars/Symposiums/Workshops

Details of the programme	**Period**	
	From	To
Natl. Symposium on Current Perspectives In Stress Biology	06-02-2004	08-02-2004
4th International Food Legume Research Conference	18-10-2005	22-10-2005
International Symposium on Agriculturally Important Microorganisms: Conservation, Utilization, Bioremediation and Ecological Significance	25-02-2006	
Travelling Seminar on Conservation Agriculture	16-09-2008	22-09-2008
World Congress on Conservation Agriculture	04-02-2009	07-02-2009
National Symposium on Harnessing the potential of North Eastern States for spices production through technological intervention	30-10-2009	31-10-2009
National Seminar on "Trends in Microbiology"-UGC sponsored	Nov, 2011	
National Symposium on Biotic and Abiotic Stresses in Plants under Changing Climate Scenario, Society of Mycology and Plant Pathology	Nov, 2012	
National Seminar on adaptation and mitigation strategies of climate change for sustainable livelihood	05-03-2014	07-03-2014
National Symposium on Plant Health Management for Food Security and Safety	08-12-2016	09-12-2016
Climate Change and Agriculture Production Conference 2017	06-04-2017	08-04-2017
" Mitigating Biotic Stresses in Agriculture for 21st Century: Changing Market Paradigm" and East Zone meet of Indian Phytopathological Society	05-11-2019	06-11-2019
World Congress on Conservation Agriculture	21-06-2021	23-06-2021
Selected International workshops attended		
Regional consultation meeting to respond to the wheat blast epidemic in Bangladesh, Nepal	26-07-2016	27-07-2016
Project planning and inception workshop-SRFSI, ACIAR	21-07-2014	23-07-2014
Project planning and inception workshop- Understanding farm household…, Perth, Australia, ACIAR	19-07-2018	Cont.
Regional Dialogue on 'Agricultural Mechanization in South Asia", Dhaka, Bangladesh	20-07-2017	21-07-2017
Cereal System Initiative for South Asia (CSISA) Wheat Breeding Workshop	2009	2015

SRFSI Annual Review and Planning Meeting, CIMMYT, ACIAR	2015	2019
CGIAR Gender Impact Platform-From Research to Impact: Towards just and Resilient Agri-Food System	09-10-2023	12-10-2023

c) Seminars/Symposiums/Workshops organized

Details of the programme	Period	
	From	To
National Seminar on "Trends in Microbiology"-UGC sponsored (In collaboration with ABN Seal College, Coochbehar)	Nov, 2011	
National Symposium on Biotic and Abiotic Stresses in Plants under Changing Climate Scenario, Society of Mycology and Plant Pathology	Nov, 2012	
" Mitigating Biotic Stresses in Agriculture for 21st Century: Changing Market Paradigm" and East Zone meet of Indian Phytopathological Society	05-11-2019	06-11-2019
Mid Term Evaluation and Planning Workshop-SRFSI	07-02-2017	08-02-2017
SRFSI Review Meeting	Feb, 2018	
Indian Phytopathological Society -National Symposium	05-11-19	06-11-19
Revisiting the potential of **Bio**-stimulants: A journey from lab to farmer's field towardsenhancement of crop **Su**stainability and resilience in **Stress**ed environments, A workshop of Indo-German Science and Technology Centre	13-03-2024	15-03-2024

IV. Extension Experience

a) Participatory Research

Title of Technology	Methods Adopted	Individual/Collaborative
Conservation Agriculture	Participatory Research Trials (> 150)	Collaboration with Department of Agriculture, GOWB
Bio-inoculation in Conservation agriculture practice in legumes	Participatory research Trials (>30)	Collaboration with ICARDA

b) Technology Developed

Category of achievement	Title	Year	Additional information, if any
Package developed	Conservation Agriculture (CA) protocol for Unpuddled Transplanted Rice	2018	Approved by Govt. of WB
Package developed	CA protocol for Wheat	2018	Approved by Govt. of WB
Package developed	CA protocol for Maize	2018	Approved by Govt. of WB
Package developed	CA protocol for Jute	2018	Approved by Govt. of WB
Package developed	CA protocol for Lentil	2018	Approved by Govt. of WB
Package developed	CA protocol for Mustard	2018	Approved by Govt. of WB

V) Other academic related experiences

Sl. No.	Other academic experiences
1	Prepared the policy draft for conservation agriculture in agriculture
2	Paper setter to CGPS Barapani, AAU, VB, BCKV, COH Sikkim, BAU Sabour
3	Thesis evaluation of VB, UAS Dharwad, BCKV
4	President Eastern Zone, Indian Phytopathological Society, 2019-20
5	Councilor, Eastern Zone, Indian Phytopathological Society, 2016-17
6	Councilor, Eastern Zone, Society of Mycology and Plant Pathology, 2011-12
7	Member, Board of Studies, Department of Plant Pathology, Palli Siksha Bhavana, Visva Bharati
8	Delivered Lecture on Conservation Agriculture and its utility to small farm holders in University of Western Australia
9	Acted as resource person in National Webinar on Statistical Methods in Plant Pathology, AAU, Jorhat
10	Invited Speaker in International Conference on Vegetbles, ICAR-IIVR, Varanasi, Dec 2021
11	Acted as Sub project Advisory reference Group in ACIAR, 2018
12	Received S. B. Chattopadhyay Award Lecture , Indian Mycological Society, 2024

B. Administrative Experience

Sl. No.	Name of the Post	Nature of Work	Duration	Organization	Remarks
1	Member, Computer Management Committee	Managing the computer and networking related development in the University	2005-2013	UBKV	Managed to establish fibre optic based LAN in the University with technical backstopping from NBU.
2.	Member, Purchase Committee	Managing the purchase procedure in the University	2006-2012	UBKV	
3.	In-charge, Biological Control Lab and Mass Production Centre	Providing training to the students through ELP	2007- till date	UBKV	Managing the unit to provide entrepreneurial training to students on production of bio-inoculants.
4.	Convenor, Local Level Management Group of Student READY Programme	Managing the village attachment programme for the Under-graduate students	2019-2021	UBKV	Managing all the activities of the students during the village attachment with the help of a group of teachers from different disciplines.

6. LIST OF PUBLICATION

Journal Papers

1. G. K. Pandit, **P. M. Bhattacharya**, S. Chaudhuri, S. Pal and A. K. Das (2000). Phytotoxicity of photoproducts of Pendimethalin to rice seedlings. *Pesticide Research Journal,* 12(2): 242 – 244.
2. **P. M. Bhattacharya**, R. K. Saha, A. Sengupta, J. Saha, T. K. Ghosh, and S. Chaudhuri (2002). Use of fly ash in agriculture: The context of heavy metals accumulation in plant biomass. Journal of Coal Ash Institute of India, 5: 1-10.
3. P. K. Garain, S. Dutta, S. Roy, **P. M. Bhattacharya** and P. Gayen (2003). Response of mungbean germplasm against some important foliar diseases in pre and post kharif season under terai agroecological region of West Bengal. *J. Mycopathol. Res.* 41(2): 201-203.
4. S. Khalko, **P. M. Bhattacharya** and A. K. Choudhury (2004). Fungicidal management against leaf blotch incidence of turmeric (cv.Rh-5). *J. Mycopathol Res.*42 (2): 225-227.
5. P. K. Garain, S. Dutta and **P. M**. **Bhattacharya**. (2004). Biochemical determinants in mungbean-cercospora interaction under Terai agro-climatic region of West Bengal. Indian Journal of Plant Protection 32 (2): 65-71.
6. R. Nath, S. K. Laha, **P. M. Bhattacharya** and S. Dutta. (2005). Evaluation of new fungicidal formulation for controlling the rice sheath blight disease. *J. Mycopathol Res.*43 (1): 113-115.
7. A. K. Choudhury, P. K. Garain, S. Mukherjee, S. Dutta, **P. M. Bhattacharya**, D. P. Singh and G. Singh. (2005). Zonate eyespot of wheat-a new report. *J. Mycopathol Res.*43 (1): 139-140.
8. Sarkar, A.; Mukherjee, P. K. And **Bhattacharya, P. M.** (2005). Bioeffficacy of pendimethalin and fluchloralin in mustard. *Indian J. Weed Sc.* :37 (3&4): 275-276.
9. **P. M. Bhattacharya,** J. Saha and S. Chaudhuri. (2007). Change of population dynamics of rhizobacteria in bamboo on mycorrhization. *Environment and Ecology,* **25** (1): 82-85.
10. S. Bandyopadhyay, **P. M. Bhattacharya**, A. K. Chowdhury and S. K. Dash. (2007). Management of leaf blotch and leaf spot of turmeric. *Curr. Agric. Res.,***20 (1-2)**: 1-8.
11. S. K. Dash, **P. M. Bhattacharya** and J. C. Jana (2007). Variability for quantitative traits in turmeric (*Curcuma longa* L.) under micronutrient deficient soil environment in terai region of West Bengal. *Curr. Agric. Res.,***20 (1-2)**: 15-19.
12. Chowdhury, A. K., Singh, G., Tyagi, B. S., **Bhattacharya, P. M**. and Singha Roy,A.K.(2008). Assessment of wheat (*Triticum aestivum*) cultivars to boron deficiency induced spike sterility and its impact on grain yield under terai region of West Bengal. *The Indian Journal of Agricultural Sciences.* 78(10): 834-37.
13. Dutta, U. K. and **Bhattacharya, P. M**. (2008). Mycorrhizal association in mungbean and its impact on disease resistance. *J. Mycopathol. Res.* **46 (1):** 65-68**.**
14. S.K.Dam, S.Dutta, S.Roy, S.K.Laha and **P.M..Bhattacharya** (2009). Evaluation of Motihari tobacco germplasm for their reaction to brown spot disease. Tobacco Research. 35(1&2): 37-39.
15. S.K.Dam, S.Dutta, S.Roy, S.K.Laha and **P.M.Bhattacharya**. (2009). Biochemical changes in relation to brown leaf spot in Motihari tobacco.Tobacco Research. 35: 40-41.

16. Dam,S.K., Dutta, S., Laha, S.K.., Roy S. and **Bhattacharya, P.M.** (2010). Effect of fungicides for management of brown spot disease of Motihari tobacco.J. Mycopathological Res.48(2): 221-225
17. Mukherjee, Soma, Chowdhury,A.K., **Bhattacharya, P.M**.and Singh, Gyanendra (2011) Incidence of Helminthosporium leaf blight of wheat and biochemical background of disease resistance in the Eastern Gangetic Plains. *Journal of Wheat Research*, 3: 26-28.
18. Mukherjee, P. K., **Bhattacharya, P. M.** and Chowdhury, A. K. (2011). Weed control in wheat (Triticum aestivum L.) under terai-agroecological region of West Bengal. *Journal of Wheat Research*, 3 (2): 30-35.
19. A. Debnath, **P.M. Bhattacharya** and A. Roy. (2011). Standardization of antagonism index based screening technique for determination of biocontrol potentiality of *Trichoderma* species. *Journal of Mycology and Plant Pathology* 41(2):200-206.
20. Satya, P., Saha, A. and **Bhattacharya, P. M.** (2011) Tolerance of chilling stress in germinating mungbean (Vigna radiata L. Wilczek) is associated with increased phenolics and peroxidase activity. *Genetics and Plant Physiology*, **1 (3-4)**: 139-149.
21. Medda, P. S., Chakraborty, S. and **Bhattacharya, P. M.** (2011) Studies on growth and yield of different betelvine cultivars under Terai zone of West Bengal. *Journal of Crop and Weed* **7 (2):** 148-151.
22. A. Debnath, **P.M. Bhattacharya** and A. Roy. (2012). Effect of amendments on biocontrol efficiency of *Trichoderma* spp. and its subsequent effect on seedling growth. *International Journal of Bio-resource and Stress Management* 3(2):206-210.
23. Roy, A and **Bhattacharya, P. M.** (2012). Effect of chitin amendment for efficacy of enhancement of *Trichoderma harzianum. J. Mycopathol Res,* **50 (2)**: 291-295.
24. Bandyopadhyay, S. and **Bhattacharya, P. M.** (2012). Management of rhizome rot of ginger using physical, chemical and biological methods. *J. Mycol Plant Pathol,* **42 (3)** : 314-316.
25. Chowdhury, A. K., Singh, G., , Tyagi B. S., Ojha, A., Dhar,, T. and **Bhattacharya, P. M.** (2013). Spot blotch disease of wheat – a new thrust area for sustaining productivity. *Journal of Wheat Research*, **5** (2): 1-11. (**REVIEW ARTICLE)**
26. Nongmaithem, N., Roy, A. and **Bhattacharya, P. M.** (2014). *In-vitro* evaluation of tolerance to cadmium and nickel by *Rhizoctonia solani*. *International Journal of Current Research*. **6**(03), pp:5349-5350.
27. Ngomle, S., Ambesh, B. S., Phalke, A. and **Bhattacharya, P. M.** (2014). Effect of organic farming on growth and some physiological parameters in chilli (Capsicum annum L.) genotypes. Green Farming. **5(5)** : 887-889.
28. Ngomle, S., **Bhattacharya, P. M.,** Roy, A., and Ambesh, B. S. (2014). Isolation and screening of phosphate solubilizing bacteria from different crop rhizosphere. *The Ecoscan* **01-04.** *Proceedings of National Conference on Harmony with Nature in Context of Environmental Issues and Challenges of the 21st Century* (HARMONY - 2014) November 28 - 30, 2014, Udaipur, Rajasthan
29. Pawan K. Singh, Yong Zhang, Xinyao He, Ravi P. Singh, Ramesh Chand, Vinod K. Mishra, Paritosh K. Malaker, Mostofa A. Reza, Mokhlesur M. Rahman, Rabiul Islam, Apurba K. Chowdhury, **Prateek M. Bhattacharya,** IshwarK . Kalappanavar, José Crossa & Arun K. Joshi (2015).

Development and characterization of the 4th CSISA-spot blotch nursery of bread wheat. *European Journal of Plant Pathology.* **143(3):** 595-605 *(Published online, July 19, 2015).*

30. Nongmaithem, N., Roy, A. and **Bhattacharya, P.M.** (2016). Screening of *Trichoderma* isolates for their potential of biosorption of nickel and cadmium. Brazilian Journal of Microbiology **47**:305-313.

31. Roy, A. and **Bhattacharya, P.M.** (2016). Shelf life of *Trichoderma harzianum* in carrier and pellet based formulation. Journal of Mycopathological Research. **54(1): 65-70.**

32. Nongmaithem, N., Roy, A. and **Bhattacharya, P.M.** (2016). In vitro antagonistic potential of *Trichoderma* sp. Against *Rhizoctonia solani* under heavy metal stress. Indian Phytopathology **69(1):** 61-66**.**

33. Chowdhury, A. K., Bhattacharya, P. M. , Mukherjee, S., Ganguly, S., and Singh, G. (2016). Cultural and morphological variability of different isolates of Bipolaris sorokiniana infecting wheat in the eastern alluvial plains of India. J. Mycopathol. Res. **54(2)** : 263-266.

34. Sundeep Kumar, Sunil Archak, R. K. Tyagi, Jagdish Kumar, Vikas VK, Sherry R. Jacob, Kalyani Srinivasan, J. Radhamani, R. Parimalan, M. Sivaswamy, Sandhya Tyagi, Mamata Yadav, Jyotisna Kumari, Deepali, Sandeep Sharma, Indoo Bhagat, Madhu Meeta, N. S. Bains, A. K. Chowdhury, B. C. Saha, **P. M. Bhattacharya**, Jyoti Kumari, M. C. Singh, O. P. Gangwar, P. Prasad, S. C. Bharadwaj, Robin Gogoi , J. B. Sharma, Sandeep Kumar GM, M. S. Saharan, Manas Bag, Anirban Roy, T. V. Prasad, R. K. Sharma, M. Dutta, Indu Sharma, K. C. Bansal. (2016). Evaluation of 19,460 Wheat Accessions Conserved in the Indian National Genebank to Identify New Sources of Resistance to Rust and Spot Blotch Diseases. *PLoS ONE* **11(12)**: e0167702.

35. Dhar, T, Bhattacharya, P. M., Biswas, S., and Bhattacharya, S. (2016). Screening of resistance of piper betle landraces against *Singhiella pallida* (hemiptera : aleyrodidae). The Bioscan, 11(2): 725-731.

36. N. Sarkar, A. Roy and **P. M. Bhattacharya**. (2016). Effect of microbial consortium on plant growth promotion, biochemical attributes and nutrient uptake of cabbage (*Brassica Oleracea* l var. capitata). *The Bioscan.* **11(3)**: 1393-1396.

37. K. K. Das, **P. M. Bhattacharya**, A. Ghosh, T. Dhar, K. Pradhan, A. K. Chowdhury, P. K. Joshi and M. Gathala (2016) Characterization of Research Nodes : An Integrative Approach Through Indexing. *International Journal of Bio-resource and Stress Management.***7(5):** 1083-1092.

38. Bandyopadhyay, S., Laha, S. K., Chowdhury, A.K. and **Bhattacharya, P.M**. (2016). Characterization of different isolates of *Bipolaris*/*Alternaria* causing leaf blotch/blight of wheat and their test of pathogenicity. *Indian Phytopathology* 69 (4s) : 110-112.

39. A.K.Chowdhury, **P.M.Bhattacharya**, Ashish Santra And Tapamay Dhar (2017). Effect of conservation agriculture based rice-wheat system on Sheath Blight and Spot Blotch diseases in Eastern India. *J. Mycopathol. Res. **54(4)** : 543-545.*

40. Thapa Abishek, Chowdhury A.K., **Bhattacharya P.M**., Rai Barun, Thapa Sukram And Chhetri Binoy. (2016). Determinant of resistance in bread wheat genotypes at different date of sowing to spot blotch disease. *International Journal of Agricultural Science.***8 (19):** 1339-1341.

41. Aditya Rai, Abishak Thapa, **P. M. Bhattacharya**, A. K. Chowdhury And M. Ranjana Devi (2016). Evaluation of physiological trait for spot blotch (*Bipolaris Sorokiniana*) resistance in wheat genotype (*Triticum Aestivum*). *The Bioscan.* **11 (4):** 2727-2731.

42. Abhijith M, A Roy, **PM Bhattacharya**. (2018). Effect of bio-inoculation on physical health of cabbage seedlings and disease dynamics of Alternaria leaf spot in cabbage under challenge inoculation. *Journal of Pharmacognosy and Phytochemistry.* **7(1):** 1339-1343.

43. Saxena, R.,Mishra R, Chand, R., Chowdhury, A. K., **Bhattacharya, P. M**., Joshi, A. K. (2017). Pooling together spot blotch resistance, high yield with earliness in wheat for eastern Gangetic Plains of South Asia. *Field Crops Research,* **214:** 291-300.

44. Senpon Ngomle, **P.M Bhattacharya**, B.S Ambesh and A. Roy (2018). Identification of promising Lentil genotypes for Terai region of West Bengal. Indian J. Agric. Res., 52 (3) 2018 : 271-277

45. T. Dhar , P.M. Bhattacharya and A. Ghosh (2018) Impact of organic fertilizers and bio-inoculants on important insect-pest and diseases of chilli (*Capsicum annum* L.) *Green Farming* Vol. 9 (3) : 518-522

46. T Dhar, S Bhattacharya, H Chatterjee, SK Senapati, **PM Bhattacharya**, P Poddar, TR Ashika and T Venkatesan. (2019). Occurrence of fall armyworm *Spodoptera frugiperda* (J. E. Smith) (Lepidoptera: Noctuidae) on maize in West Bengal, India and its field life table studies. Journal of Entomology and Zoology Studies 2019; 7(4): 869-875.

47. B. Mitra, **P.M. Bhattacharya**, A. Ghosh, K. Patra, A.K. Chowdhury and M.K. Gathala (2018) Herbicide options for effective weed management in zero-till maize, *Indian Journal of Weed Science* **50**(2): 137–141, 2018

48. Biplab Mitra, Koushik Patra, **PM Bhattacharya** and AK Chowdhury (2018). Unpuddled transplanting: a productive, profitable and energy efficient establishment technique in rice under Eastern sub-Himalayan plains, Oryza Vol. 55 No. 3, 2018 (459-466)

49. *A. K. Sinha, A. Ghosh, T. Dhar, **P. M. Bhattacharya**, B. Mitra, S. Rakesh, P. Paneru, S. R. Shrestha, S. Manandhar,* D*, K. Beura, S. Dutta, A. K. Pradhan , K. K. Rao*F*, Akbar Hossain, N. Siddquie, M. S. H. Molla, A. K. Chaki , M. K. Gathala , M. S. Islam*J*, R. C. Dalal,*L*, D. S. Gaydon, A. M. Laing, and N. W. Menzies* (2019). Trends in key soil parameters under conservation agriculture-based sustainable intensification farming practices in the Eastern Ganga Alluvial Plains**. *Soil Research.***

50. R. Patsa · S. Hembram · **P. M. Bhattacharya** · S. Bandyopadhyay · S. Dutta (2018). Effect of temperature, light on germination and morphological characteristics of *Bipolaris sorokiniana.* Indian Phytopathology.

51. Khwairakpam Lily Devi, Soumen Maitra and **P. M. Bhattacharya** (2019) Combined Efficacy of Organic Manures, Bio-Control Agents and Bio-Fertilizers in Improving Growth, Flowering and Quality Parameters of Gladiolus Cv. American Beauty, *Int.J.Curr.Microbiol.App.Sci* (2019) *8*(10): 1792-1800.

52. Saiful Islama, Mahesh K. Gathalaa, Thakur P. Tiwari, Jagadish Timsinaa,, Alison M Laing, Sofina Maharjana, Apurba K. Chowdhury, **Prateek M Bhattacharya**, Tapamay Dhar,Biplab Mitra, Sanjay Kumar, Pawan K Srivastwa, Swaraj K. Dutta, Renuka Shrestha, Sarita Manandhar, Shukra Raj Sherestha, Prakash Paneru, Nur-E-Alam Siddquie ,Akbar Hossain, Rashadul Islam, Anup Kumar Ghosh, Mohammad Atiqur Rahman,Ujjwal Kumar, Karnena Koteswara Rao, Bruno Gérard

(2019). Conservation agriculture based sustainable intensification: Increasing yields and water productivity for smallholders of the Eastern Gangetic Plains. *Field Crop Research, 238: 1-17.*

53. Mahesh K. Gathala , Alison M. Laing , Thakur P. Tiwari, Jagadish Timsina,Saiful Islam, **Prateek M. Bhattacharya** , Tapamay Dhar , Arunava Ghosh , Abhas K. Sinha , Apurba K. Chowdhury , Shakhawat Hossain , Ilias Hossain , Samim Molla , Mamunur Rashid , Sanjay Kumar , Ranvir Kumar, Swaraj K. Dutta , Pawan K. Srivastwa , Bedanand Chaudhary , Sanjeet K. Jha , Prakash Ghimire , Biswash Bastola , Ravi K. Chaubeyi, Ujjwal Kumari, Bruno Gerard. (2020) Energy-efficient, sustainable crop production practices benefit smallholder farmers and the environment across three countries in the Eastern Gangetic Plains, South Asia. **Journal of Cleaner Production 246** (2020) 118982 (https://doi.org/10.1016/j.jclepro.2019.118982)

54. T Dhar, S Bhattacharya**, P M Bhattacharya** and A Ghosh (2020). Seed biopriming and biopesticides vis a vis *bemisia tabaci* and *aphis craccivora* incidence on mung bean. *Indian Journal of Entomology*, **82**(1): 92-98.

55. Biplab Mitra, **Prateek Madhab Bhattacharya**, Abhas Kumar Sinha, Rajat Chatterjee and Apurba Kumar Chowdhury (2020). Zero Tillage Technology in Jute Cultivation: A Successful Venture in West Bengal, *Int.J.Curr.Microbiol.App.Sci* (2020) *9*(5): 2068-2075

56. Peter R. Brown, Mazhar Anwar, Md. Shakhawat Hossain, Rashadul Islam, Md. Nur-E.-Alam Siddquie, Md. Mamunur Rashid, Ram Datt, Ranvir Kumar, Sanjay Kumar, Kausik Pradhan, K. K. Das, Tapamay Dhar, **Prateek M. Bhattacharya**, Bibek Sapkota, Dinesh B. Thapa Magar, Surya P. Adhikari, Maria Fay Rola-Rubzen, Roy Murray-Prior, Jay Cummins, Sofina Maharjan, Mahesh K. Gathala, Brendan Brown & T. P. Tiwari (2021): Application of innovation platforms to catalyse adoption of conservation agriculture practices in South Asia, International Journal of Agricultural Sustainability, DOI: 10.1080/14735903.2021.1945853

57. Debayan Mondal, Prudveesh Kantamraju, Susmita Jha, Gadge Sushant Sundarrao,Arpan Bhowmik, Hillol Chakdar, Somnath Mandal, Nandita Sahana, Bidhan Roy, **Prateek Madhab Bhattacharya**, Apurba Kr Chowdhury & Ashok Choudhury (2021) Evaluation of indigenous aromatic rice cultivars from sub-Himalayan Terai region of India for nutritional attributes and blast resistance. Scientific Reports 11:4786 (https://doi.org/10.1038/s41598-021-83921-7)

58. Dewali Roy, A K Sinha, K K Rao, Rakesh S, Samaresh Sahoo, P Mukhopadhyay, P M Bhattacharya, A Ghosh, P K Mukherjee (2021) Short term effect of tillage, residue and biofertilizer on some physicochemical soil attributes under terai agro-ecological zone of West Bengal, *India. Journal of AgriSearch*, **8 (4)**: 318-324

59. Chattopadhyay N., Kumar Amarendra, Mandal, R.S. Roy, A. Bhattacharya, P.M. and Chowdhury, A.K. (2021).Weather-based models to forecast spot blotch disease (Bipolaris sorokiniana) of wheat (Triticum aestivum) in North Bengal. Indian Journal of Agril Sciences 91 (7): 1082–7.1032

60. Chattopadhyay N. Mandal, R.S. Roy, A. Bhattacharya, P.M. and Chowdhury, A.K. (2021). Genotype-by- environment interaction related to resistance to spot blotch disease in wheat genotypes Cereal Research Communications https://doi.org/10.1007/s42976-021-00164-y.C059

61. S. Rakesh, Sarkar D, Sinha AK, Danish S, Bhattacharya PM, Mukhopadhyay P, et al. (2021) Soil organic carbon and labile and recalcitrant carbon fractions attributed by contrasting tillage and cropping systems in old and recent alluvial soils of subtropical eastern India. PLoS ONE 16(12): e0259645. https://doi.org/10.1371/journal pone.0259645

62. Debnath A, Roy A, Bandyopadhyay S and Bhattacharya P.M. 2022. Studies on the shelf life of Trichoderma isolate in talc, prills, vermicompost, sago and dalia based formulations. Journal of Biological Control, 36(1): 57-63

63. N. Chattopadhyay, R. Mandal, S. Nath, S. Rout, A. Roy, P.M. Bhattacharya And A.K. Chowdhury. (2022). Comparative Gene Expression Analysis Of Wheat With Special Emphasis On Myeloblastosis Protein Transcript In Bipolaris Sorokiniana-Wheat Interaction, J. Mycopathol. Res. 60(2) : 187-196

64. Roy, A., Sarkar, A., Pavithra, S., Bhaumik, P., **Bhattachraya, P.M**. and Sahana, N. (2023). Screening of Lentil Germplasm against Stemphylium Blight and Studies on Association between Disease and Biochemical Parameters. Legume Research. DOI: 10.18805/LR-5185 **NAAS 6.80**

65. Padbhushan, R.; Sinha, A.K.; Kumar, U.; **Bhattacharya, P.M**.; Poddar, P. Plant Growth-Promoting Bacteria and Crop Residue in Rice–Wheat System Cultivated with Favorable Tillage Influence Crop Productivity, Nutrient Uptake, Soil Quality, and Profitability in the Terai Agro-Ecological Zone of West Bengal, India. Agronomy, **13**, 2454. https://doi.org/10.3390/ agronomy13102454 **IMPACT Factor: 3.7**

66. Sahoo S, Mukhopadhyay P, Sinha AK, **Bhattacharya PM**, Rakesh S, Kumar R, Padbhushan R, Bijay-Singh, Parmar B, Vishwakarma A, Kumar A, Yadav BK, Bhushan S, Kumar A, Kaviraj M and Kumar U (2022), Yield, nitrogen-use efficiency, and distribution of nitratenitrogen in the soil profile as influenced by irrigation and fertilizer nitrogen levels under zero-till wheat in the eastern Indo-Gangetic plains of India. Front. Environ. Sci. 10:970017. doi: 0.3389/fenvs.2022.970017 **NAAS 10.6**

67. Subhajit Pal, Swarnali Bhattacharya, Tapamay Dhar, AnkitaGupta, ArunavaGhosh, Sandip Debnath, Nikhitha Gangavarapu, Prajna Pati, Nilanjana Chaudhuri, Hirak Chatterjee, Sabita Kumar Senapati, **Prateek Madhab Bhattacharya**, Mahesh Kumar Gathala & Alison M. Laing (2024), Hymenopteran parasitoid complex and fall armyworm: a case study in eastern India. Scientifc Reports **14**:4029, https://doi.org/10.1038/s41598-024-54342-z **NAAS 10.6**

68. K. Vaishnavi, P. Bhaumik, **P. M. Bhattacharya** and A. K. Chowdhury (2022). Screening of Lentil (Lens culinaris ssp. culinaris) Germplasm for Resistance to Stemphylium Blight Disease Using Qualitative Characters. International Journal of Environment and Climate Change **12 (12)**, pp: 860-868. **NAAS 5.16**

69. Padbhushan, R., Kumar, U., Sinha, A.K., Ashim Datta · Surajit Mondal · D. S. Rana · Biplab Mitra · Prateek M. Bhattacharya, Megha Kaviraj, Rajkishore Kumar, Bijay-Singh (2024) Impacts of conservation agriculture on crop yield and soil carbon sequestration: a meta-analysis in the Indian subcontinent. *Environ Geochem Health* **46**, 251 (2024). https://doi.org/10.1007/s10653-024-02027-x

70. Anwesha Chatterjee, Proma Ghosh, Murali Sharaff, Prateek Madhab Bhattacharya, Harshata Pal (2024). Biopriming of Solanum lycopersicum seeds with novel root endophytic bacterial consortium retrieved from halotolerant Sundarban mangroves to sustain growth and yield with salt resilience. *Biocatalysis and Agricultural Biotechnology*, Volume 62. https://doi.org/10.1016/j.bcab.2024.103414

71. Raina Saha, Vaishnavi Kodidhala, P. Bhaumik, A. Debnath and P.M. Bhattacharya. (2024). In vitro & In-vivo Studies on Antimicrobial and Plant Growth Promoting Efficacy of Fluorescent Pseudomonads. *Journal of Advances in Biology & Biotechnology*. **27**, P: 932-950.

72. Dewali Roy, A. K. Sinha, S. Rakesh, K. K. Rao, S. Sahoo, P. M. Bhattacharya, B. Mitra, P. Mukhopadhyay, Rajeev Padbhushan. (2025). Addition of biofertilizers with crop residue in conservation agriculture improves soil carbon sequestration: a long-term field study. *Tropical Ecology*. https://doi.org/10.1007/s42965-025-00376-x

73. Ritwik Sahoo, Surajit Khalko, P. M. Bhattacharya, Sekhar Bandyopadhyay, Manoj Kanti Debnath (2025) Characterization of Virulent Strains of the Citrus Canker-Associated Pathogen in the Northern Region of West Bengal. *Applied Fruit Science* **67**:268. https://doi.org/10.1007/s10341-025-01519-z

74. Rajeev Padbhushan, Abhas Kumar Sinha,· Upendra Kumar,· Prateek M. Bhattacharya, Parthendu Poddar, Achin Kumar, · Y. K. Singh, · Rajkishore Kumar, · A. K. Jha, · Brajendra Parmar, Bijay Singh. (2024) Soil Carbon Sequestration and Yield Sustainability in the Lowland Terai Region of India. Journal of Soil Science and Plant Nutrition. https://doi.org/10.1007/s42729-025-02565-y

75. Chatterjee, A., Ghosh, P., Das, S. *et al.* Mangrove derived coactive bacterial inoculant triggered biochemical traits rejuvenating plant cell function under salt stress. *Plant Cell Rep* **44**, 280 (2025). https://doi.org/10.1007/s00299-025-03673-w

Research Articles / Short Notes:

1. **P. M. Bhattacharya**, D. Misra, J. Saha, S. Chaudhuri (2000). Arbuscular mycorrhizal dependency of *Eucalyptus tereticornis* Sm. – how real it is? Mycorrhiza News 12(3): 11-15.
2. **P. M. Bhattacharya,** A. K. Paul, J. Saha and S. Chaudhuri (2002). Changes in root development pattern of bamboo and sweet orange plants upon arbuscular mycorrhization. *Mycorrhiza News* 14 (1): 15-18.

Popular Articles:

1. **Sekhar Bandyopadhyay and Prateek Madhab Bhattacharya** (2008). Joiba Chashe Rog Daman. Joibik Udyan Palan sponsored by National Horticulture Mission. March, 2008 pp 61 – 70.
2. **Sekhar Bandyopadhyay** and **Prateek Madhab Bhattacharya** (2008). Bijtalar Rog Daman. Udyan Palaner Nursery Poricharja published by Faculty of Horticulture, UBKV, Pundibari, pp 49 – 52.
3. Ayon Roy and **Prateek Madhab Bhattacharya** (2011). Joiba upadane sambriddha sobjir chhara toiri korben kibhabe?. Ganashakti, 15th September, 2011: p3.

Books:

1. Chowdhury, A. K.and **Bhattacharya, P. M**. (2007). A Guide to Mushroom Cultivation. UBKV, pp 89.
2. Chowdhury, A. K.and **Bhattacharya, P. M**. (2007). Mushroom Chaas (Bangla). UBKV, pp 20.
3. **Bhattcharya,P. M.**, Khalko, S. and Roy, A. (2012). Plant Pathology Practical Manual for Undergraduate Students, Department of Plant Pathology, Uttar Banga Krishi Viswavidyalaya, Pundibari, Coochbehar. Pp: 42.
4. Dhar, T., **Bhattacharya, P. M.**, Roy, A. and Ghosh, J. (2013). Dhaner Rog Poka o tar Protikar (Bangla). Directorate of Research, Uttar Banga Krishi Viswavidyalaya pp. 23.

BOOK CHAPTERS:

1. S. Chaudhuri and **P. M. Bhattacharya** (2000) Mycorrhiza in Plantation Forestry. In: Dasgupta M. K. (ed) *Diseases of Plantation, Spices, Betelvine and Mulberry.* Viswa Bharati, Sriniketan, West Bengal, pp: 40-46. (**REVIEW ARTICLE)**

2. **P. M. Bhattacharya**, D. Misra, J. Saha and S. Chaudhuri (2006). Mycorrhizal dependency, phosphorus utilization efficiency and relevance of mycorrhiza for bamboo cultivation in laterite wasteland. In A. Prakash and V. S. Meherotra (eds.) *Mycorrhiza*, Scientific Publishers (India), Jodhpur, pp-97-100. (**Adjudged Best Paper**)
3. R. Saha, J. Saha, **P. M. Bhattacharya**, D. Maiti and S. Chaudhuri (2006). Arbuscular mycorrhizal responsiveness of two rice varieties in nutrient deficient laterite soil. In A. Prakash and V. S. Meherotra (eds.) *Mycorrhiza*, Scientific Publishers (India), Jodhpur, pp-21-26.
4. **P. M. Bhattacharya**, J. Saha and S. Chaudhuri (2012). Mycorrhiza and its significance in plant health. *Biology of plants and microbes. Kabi Nazrul College, Birbhum West Bengal and Levant Books, Kolkata,* pp: 103-144. (**REVIEW ARTICLE)**
5. Anamika Debnath, A. Roy and **P. M. Bhattacharya** (2012). Trichoderma in plant health management. *Kabi Nazrul College, Birbhum West Bengal and Levant Books, Kolkata,* pp: 270-297. (**REVIEW ARTICLE)**
6. Apurba Kumar Chowdhury, **PM Bhattacharya** and Gyanendra Singh (2014). Foliar blight: The major biotic constraint of wheat in rice wheat system of eastern Gangetic plains. *Review of Plant Pathology*, **6**: 437-472.
7. A. K. Chowdhury, P. M. Bhattacharya, S. Bandyopadhyay, and T. Dhar (2016) Holistic Management of Foliar Blight Disease of Wheat and Barley. Apple Academic Press – CRC Press (Taylor and Francis Group), pp 83-114.
8. Abhas Kumar Sinha, S. Rakesh, Biplab Mitra, Nandini Roy, Samaresh Sahoo, B. N. Saha, Sudarshan Dutta, and Prateek Madhab Bhattacharya (2021) Agricultural Waste Management Policies and Programme for Environment and Nutritional Security. In: Bhatt, R., Meena, R.S., Hossain, A. (eds) Input Use Efficiency for Food and Environmental Security. Springer, Singapore. https://doi.org/10.1007/978-981-16-5199-1_21 pp 627-664.
9. Raina Saha, L Gnansing Jesumaharaja, Anamika Debnath, Ayon Roy, Prateek Madhab Bhattacharya and Apurba Kumar Chowdhury (2022) Microbial quorum sensing systems: new and emerging trends of biotechnology in bioremediation. In *Microbes and Microbial Biotechnology for Green Remediation*, Pages 795-811. DOI: https://doi.org/10.1016/B978-0-323-90452-0.00018-9
10. Ahila P. Devi, Gnanasing L. Jesumaharaja, Keerthana Balasundaram, Nandita Sahana, Pratik M. Battacharya, Ayon Roy, Sekhar Bandyopadhyay and Surajit Khalko (2022) Streptomyces sp.: a feasible biocontrol agent for sustainable management of crop diseases. In *Microbes and Microbial Biotechnology for Green Remediation*, Pages 377-388. DOI: https://doi.org/10.1016/B978-0-323-90452-0.00025-6

7. Ph.D Guidance

AREA OF INTEREST	:	Wheat Pathology, (Spot Blotch Disease and its Management), Plant and Soil Health Management under Conservation Agriculture, Bio-fertilizers, Bio-control agents	
RESEARCH SUPERVISION	:	M.Sc (Ag.)	- 9 (1 continuing)
		Ph.D	- 6 (2 continuing)

Doctoral Thesis

1. **Ms. Anamika Debnath**, (2010). "*Study the effect of activated Trichoderma sp in some specific host-pathogen interactions in Terai ecological region of West Bengal*".
2. **Sri Partha Sarathi Medda**, , (2013). Palli Siksha Bhavan, Viswa Bharati. "*Studies on Integrated Nutrient and Disease Management of Betelvine (Piper betle L.) under Terai Region of West Bengal".*
3. **Ms. Dolpriya Manoharamayam Devi** (2017). *Study on variation of pathogens causing spot blotch of wheat and different traits of host related to its resistance.*
4. **Sri. Senpon Gnongmle** (2016). *Studies on biological intervention for productivity improvement in rice-lentil cropping system.*
5. **Sri. Swarabho Chakraborty (2022).** *Conservation Agriculture practices in wheat: influence on microbial diversity and disease scenario.*
6. **Sri. Pulak Bhowmik (2023).** *Dynamics of Stemphyllum Leaf Blight in Lentil under conservation Agriculture*
7. **Ms. Tulipa De (2022-cont.).** *Identification of Trichoderma spp. effective in different agroclimatic regions of eastern indo-gangetic plains with probable mode of action.*
8. **Sri. Phanindra Prakash (2023-Cont.)** *Impact of different PGPR (fluorescent Psudomonas stains) on yield and induced defensee response against Spot blotch (Bipolaries sorokiniana) in Wheat (Triticum aestivum L.)*
9. Ms. Prajna Samal (2024-Cont.) Effect of Trichoderma spp. And Fluorescent Psudomonads on the rhizosphere dynamics of wheat (tritcum aestivum L.) in relation to its resistance to Spot Blotch.

Master Thesis

1. **Sri. Uttam Kumar Dutta,** M.Sc.,(2005). *Studies on Mycorrhizal associtition in Mungbean (Vigna radiata) and its impaction disease resistance.*
2. **Sri. Nirmal Sarkar**, M.Sc., (2007). *Study on the effect of botanicals on leaf spot disease of tobacco (in collaboration with Central Tobacco Research Institute)*
3. **Sri. Ashis Santra**, M. Sc., (2013). *Study of dynamics of wheat foliar blight disease under conservation agriculture system.*
4. **Sri. Aditya Rai** (2015). "Incidence of spot blotch disease in wheat as influenced by meteorological factors".
5. **Sri. Sukram Thapa** (2016)"Studies on some traits in wheat related with resistance to spot blotch disease" submitted by Mr. Sukram Thapa - 2016
6. **Binoy Krishno Mahato** (2016). *Study on partitioning of nutrients under the influence of bio-inoculation in chilli.*
7. **Ms Parimi Asha Devi** (2018). *Elucidation of defence responses in wheat against Bipolaris sorokiniana Shoemaker by using non-conventional chemicals*
8. **Sri. Abhijit Nandi** *(2019). Phenotyping wheat for resistance against spot blotch of wheat***.**
9. **Ms. Kodidhala Vaishnavi (2021)** *: Screening of lentil germplasm against Stemphylium blight.*
10. **Ms. Khusboo Saheen Siddiqui (2023):** *Performance of Trichoderma Isolates for Health Management in Maize.*

8. Any other relevant information

a. Travelling fellowship to CIMMYT, Mexico, 2012
b. Travelling fellowship to CIMMYT, Kenya, 2016
c. President, Eastern Zone, Indian Phytopathological Society, 2019-20
d. Member, Board of studies, Department of Plant Pathology, Visva Bharati
e. Member, Faculty Council, 2016-2019
f. Received S. B. Chattopadhyay Memorial Award 2024.