

RESUME



DR. SATYAJIT HEMBRAM

Assistant Professor (Sr. scale) in Plant Pathology

CONTACT DETAILS

PHONE NO. : +919874868191

E-MAIL ID : satyajit@ubkv.ac.in

OFFICIAL ADDRESS : Regional Research Station, Terai Zone,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Coochbehar, West Bengal, India, 736165

2. DATE OF BIRTH : 27/10/1982

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			
Higher Secondary	West Bengal Council of Higher Secondary Education	1998	1999	65.70	1 st	-
Graduation	Bidhan Chandra Krishi Viswavidyalaya	2000	2004	63.70	1 st	-
Master Degree	Bidhan Chandra Krishi Viswavidyalaya	2005	2006	77.60	1 st	Bacteriology
Doctoral Degree	Bidhan Chandra Krishi Viswavidyalaya	2008	2012	77.20	1 st	Mycology

4. Award for PhD Thesis: M.J. Nraasimha Memorial Merit Award (East Zone) by Indian Phytopathological Society, New Delhi in 2014.

5. Experience (Experience and Professional)

a. As Teacher/Researcher

Sl. No.	Employer	Post held	Pay scale	Period of employment		Actual duration
				From	To	
1	Orissa University of Agriculture and	Assistant Professor in Plant Pathology	15600-39100	June, 2011	June, 2012	1 Years 1 Month

Sl. No.	Employer	Post held	Pay scale	Period of employment		Actual duration
				From	To	
	Technology					
2.	Department of Agriculture, Govt. of West Bengal	Assistant Director of Agriculture	15600-42000	July, 2012	August, 2014	2 Years, 2 Months
3.	Uttar Banga Krishi Viswavidyalaya	Assistant Professor (Plant Pathology)	15600-39100.	August, 2014	Till date	11 Years, 1 Month
4.						

6. As Unit Head: Officer In-charge, All India Coordinated Research Project on Maize.

7. As Establishment Head: In-charge, Bio-fertilizer Unit, RKVY building.

8. As Project PI:

Title of the project	Period		Sponsoring / Funding organization	Amount of Fund mobilised (Rs. In lakhs)
	From (D/M/Y)	To (D/M/Y)		
Biotic stress wheat made changing climatic scenario.	Nov, 2015	Oct,17	ICAR-IIWBR, Karnal	2.81
To evaluate the bio-efficacy and Phytotoxicity of ' Juniper ' against the Fruit rot (<i>Colletotrichum cspici</i>), Powdery mildew (<i>Levillula taurica</i>) & Leaf spot (<i>Cercospora capsici</i>) diseases of Chilli crop.	Feb,2016	Jan, 2018	UPL, Mumbai	2.34
To evaluate the bio-efficacy and Phytotoxicity of ' Juniper ' against the Sheath blight (<i>Rhizoctonia solani</i>) & Brown leaf spot (<i>Helminthosporium oryzae</i>) diseases of Paddy.	Feb,2016	Jan, 2018	UPL, Mumbai	2.34
Evaluation of bio-efficacy, phytotoxicity and residue of Cyazafamid 34.5% SC on potato and tomato crops.	Feb,2016	Jan, 2018	Krishi Rasayan Export Pvt. Ltd.	2.50
Survey and surveillance for wheat blast caused by Magnaporthe oryzae pathotype Triticum and strategic research to manage it".	Nov, 2017	Nov, 2020	MFSM, Ministry of Agriculture, Govt. of India	24.788
To Evaluate the bio-efficacy and phyto-toxicity of Iprodione 50% WP against sheath blight disease in rice".	May,2018	Apr, 2020	KREPL, New Delhi	3.36
PI of Project entitled "To Evaluate the bio-efficacy of Picoxystrbin	Aug. 2018	Jul. 2019)	UPL, Mumbai	3.68

22.52%SC against blast disease of paddy				
Bio-efficacy and Phytotoxicity evaluation of coded product CCP-5537SC against Thrips and Cercospora leaf spot of chilli.	Apr, 2019	Mar, 2021	M/s Crystal Crop Protection Ltd., Delhi	3.99
PI of Project entitled "To Evaluate the bio-efficacy and phytotoxicity of Azoxystrobin 12% + Fenopoxymate 2.5% + Emamectin benzoate 1% WDG on chilli".	July, 2020	Jun, 2022	Agro Life Science Corporation	3.36
PI of Project entitled "Assessment of new generation molecules against important diseases of Potato, Tomato and cucumber crops".	July, 2020	Jun, 2022	ADAMA India Private Limited, Hyderabad	16.38
PI of Project entitled "Evaluation of new fungicide MAFRM-14 against Sheath blight (<i>Rhizoctonia solani</i>) in Rice".	Aug, 2021	Jul, 2023	ADAMA India Private Limited, Hyderabad	5.60
PI of Project entitled "To Evaluate the bio-efficacy and phyto-toxicity data generation of Azoxystrobin 5% + Isoprothion 18% + validamucin 3.5% WDG in Paddy crop".	May, 2021	Apr, 2023	Krishi Rasayan Export Pvt. Ltd, New Delhi	5.60
PI of Project entitled "To evaluate the Bioefficacy and Phytotoxicity of fungicide " GPF 2026 " against the diseases of Pad	Aug, 2021	Jul, 2023	UPL, Mumbai	6.16
Evaluation of new fungicide Mastercop (CSPAI-01) against Anthracnose and Bacterial fruit rot disease in Chilli.	Dec, 2021	Nov, 2023	ADAMA India Private Limited, Hyderabad	5.74
Evaluation of new insecticide Cyantraniliprole 120 + Spirotetramat 180 SC "against Thrips, Mites, Whiteflies and Fruit & Shoot borer in Brinjal.	Nov., 2024	Oct., 2026	ADAMA India Private Limited	5.95
Evaluation of Phytalix® (PIN 050) against Sheath Blight, Bacterial Leaf Blight and Leaf Blast of rice.	Aug, 2025	Jul, 2027	Agrevel Crop Science Service	7.00
"Bio efficacy and Phytotoxicity evaluation of NAFR-214 against Blast (Leaf & Panicle), Brown spot and sheath blight diseases in paddy crop.	Aug, 2025	Jul, 2027	NACL, Industries Limited	7.00

9. As Project Co-PI:

Title of the project	Period		Sponsoring / Funding organization	Amount of Fund mobilized (Rs. In lakhs)
	From (D/M/Y)	To (D/M/Y)		
Collection, charecterization, in situ and ex-situ conservation of rice of North-Eastern India including the areas under jurisdiction of the University.	Jan, 2016	Dec,2020	Institutional project (UBKV)	17.50
Exploration of the Soil microbial diversity of different agro-ecological zones of North Bengal for Agricultural use”	Jan, 2016	Dec, 2020	Institutional project (UBKV)	12.0
Development of a PCR based virus detection system for Solanaceous vegetatbles in North Bengal.	Jan, 2016	Dec, 2020	Institutional project (UBKV)	6.0
Evaluation of wheat germplasm under CRP on Agro-biodiversity PGR management component II.	Nov, 2015	Oct,2018	ICAR-NBPGR, New Delhi	3.75
Evaluation of new fungicides offering better chemical management of plant diseases”.	Sept,2017	Aug, 2019	Syngenta India Limited, Kolkata	14.40
Evaluation of Bravo Top 550 SC (Chlorothalonil 40% + Defenconazole 4% SC w/w) against tomato and Chilli diseases.	Sept,2017	Aug, 2019	Syngenta Pvt. Ltd.	2.50
Survey of pest and diseases of medicinal plants in West Bengal”.	Dec, 2017	Nov, 2020	NMPB, Govt. of INDIA	34.01
Bio-efficacy and Phytotoxicity of fungicide UPF-116 and UPFI-116 against diseases of potato.	Dec, 2018	Nov. 2020	UPL, Mumbai	6.72
Test report of newly evolved hybrid varieties of rice against some nutritional as well as regional check varieties.	Dec, 2018	Nov, 2019)	GMS Agritech Pvt. Ltd.	1.68
Bio-efficacy evaluation of coded product CCP-2806 against sheath blight and brown spot in rice.	Apr, 2019	Mar,2021	M/s Crystal Crop Protec Ltd., Delhi	3.99
Assessment of fungicides against important diseases of potato, tomato and cucumber.	Jun, 2019	May, 2021	Godrej Agrovet Ltd.	15.00
To Evaluate the bio-efficacy and phytotoxicity of GPI-418 against insect pest of tomato and chilli.	Oct, 2019	Sept,2021	United Phosphorous	6.72

Title of the project	Period		Sponsoring / Funding organization	Amount of Fund mobilized (Rs. In lakhs)
	From (D/M/Y)	To (D/M/Y)		
			Ltd.	
Evaluation of new generation molecules against important insect & root knot nematode of rice, Brinjal and Guava.	Aug, 2021	Jul, 2023	ADAMA India Pvt. Ltd.	16.45
Testing of newly developed Rice varieties for yield, quality parameters, diseases and pest resistance.	Dec., 21	Nov, 23	Astha agri. Genetics	3.22
Co-PI of Project entitled “Evaluation of bio-efficacy and phytotoxicity of GPF 1215 against diseases of Chilli.	Nov., 22	June, 24	UPL.	4.20
Co-PI of Project entitled “Bio-efficacy study of <i>Bacillus amyloliquefaciens</i> (NAIMCC-CB-0077) against Root Knot Nematode of Tomato” (Project Code: 02.78).	Feb, 2023	Sept,2025	Coromandel International Limited	6.00
Co-PI of Project entitled “Evaluation of IKI-3106 100DC against different insect pests of Pigeon Pea, Tomato and Brinjal under field condition”.	July, 2023	June, 25	ISK Bioscience India Pvt. Ltd.	13.65
Bio-efficacy evaluation of BIOEMATION (<i>Purpureocillium lilacinum</i>) against root knot nematode in tomato.	July. 2025	Jun, 2027	T. Stanes and Company Ltd.	7.00

II. TEACHING EXPERIENCE

Sl. No.	Item	Details	Years
1.	Graduation level	Plant Pathology	13 Years
2.	Masters’ level	Plant Pathology	11 Years
3.	Doctoral level	Plant Pathology	11 Years
4.	Ph.D Student Guidance	Plant Pathology	11 Years
5.	M.Sc. Student Guidance	Plant Pathology	11 Years
6.	Innovation of Teaching Methods	Plant Pathology	11 Years

Research Guidance as Chairman of Advisory Committee or Member of Advisory Committee

Title of the Thesis	Name of students	M.Sc. (Ag) / Ph.D.	Department	Chairman/ Member of Advisory Committee	Year of degree awarded
Dynamics of Wheat Diseases in North Eastern Gangetic plains	Gnansing Jesumaharaja (A-2018-039-D)	Ph.D.	Plant Pathology	Chairman	20.09.2024

Title of the Thesis	Name of students	M.Sc. (Ag) / Ph.D.	Department	Chairman/ Member of Advisory Committee	Year of degree awarded
under the changing climate scenario with special emphasis to Head Bligh					
Identification of promising genotypes from proton beam induced mutant population through reverse genetic approach in <i>T. aestivum</i> .	Twinkle Kumari Bhagat (A-2020-025-D)	Ph.D.	Genetics and Plant Breeding	Member	24.12.2024
Population structure analysis and association mapping for resistance to spot blotch in bread wheat.	Sahanob Nath (A-2017-021-D)	Ph.D.	Genetics and Plant Breeding	Member	26.08.2022
Variability of different isolates of <i>Sclerotium rolfsii</i> and its management	Sibdas Baskey (A-2016-011-D)	Ph.D.	Plant Pathology	Member	03.08.2022
Studies on <i>Ralstonia</i> Wilt of Ginger under Hill Region of West Bengal, India.	Rakesh Yonzone	Ph.D.	Plant Pathology	Member	24.06.2022
Characterization of important foliar disease of Wheat in Eastern Gangetic Plains and factors of disease development	Nibedita Chattopadhyay	Ph.D.	Plant Pathology	Member	11.08.2021
Study the mechanism of defence in wheat as influenced by selected isolates of <i>Trichoderma</i> .	Priya Kundu (A-2023-028-M)	M.Sc. (Ag)	Plant Pathology	Chairman	26.08.2025
Exploring the Growth Promoting Potential of <i>Pseudomonas fluorescens</i> in Chilli Seedling and its Efficacy Against <i>Sclerotium rolfsii</i> .	Priyadarshini Biswal (A-2022-56-M)	M.Sc. (Ag)	Plant Pathology	Chairman	25.09.2024
Evaluation of Cultural and Morphological Characteristics of <i>Bipolaris maydis</i> causing Leaf Blight og Maize (<i>Zea mays</i>)	Partiti Debnath (A-2022-33-M)	M.Sc. (Ag)	Plant Pathology	Chairman	24.09.2024
Basis of resistance in wheat genotypes against <i>Bipolaris sorokiniana</i> causing spot blotch	Bandana Hijam (A-2020-33-M)	M.Sc. (Ag)	Plant Pathology	Chairman	26.09.2022

Title of the Thesis	Name of students	M.Sc. (Ag) / Ph.D.	Department	Chairman/ Member of Advisory Committee	Year of degree awarded
disease and its suitable chemical management.					
Study on Brown Spot disease of Rice and its Management.	Diya Rchita (A-2021-52M)	M.Sc. (Ag)	Plant Pathology	Member	18.09.2023
Effects of Micro climate on Spot blotch disease of Wheat.	Rima Rai (A-2017-21M)	M.Sc. (Ag)	Plant Pathology	Chairman	08.07.2019
Phenotyping of Wheat germplasms in relation to the spot blotch resistance.	Abhijit Nandi (A-2017-01-M)	M.Sc. (Ag)	Plant Pathology	Member	17.07.2019
Elucidation of Defence Responses in Wheat Against <i>Bipolaris sorokiniana</i> (shoemaker) by Using Non-conventional chemicals	Parima Asha Devi (A-2016-20-M)	M.Sc. (Ag)	Plant Pathology	Member	19.06.2018
Response of Nitrogen & Water Management on Spot Blotch of Wheat in North-Eastern Plain Zone	Tanmoy Nag (A-2015-33-M)	M.Sc. (Ag)	Plant Pathology	Member	06.07.2017
Influence of Weather Indices on Spot Blotch Disease of Wheat in North Eastern Plain Zone of India	Rakesh Patsa (A-2015-19-M)	M.Sc. (Ag)	Plant Pathology	Chairman	05.07.2017

a) Professional Trainings

Sl. No.	Topic of Training	Venue & date	Duration	National/ International	Funding Agency (ICAR/ Others)
i.	Phenotyping aids and data recording in field experiments	ICAR-IIWBR, Karnal, January 27-29, 2016	3 days	National	ICAR-IIWBR, Karnal
ii.	Production Protocol for Biocontrol agents, Quality Analysis and Quality Management of Microbial Biopesticides and Biofertilizers.	NIPHM, Rajendranagar, Hyderabad. June 7-27, 2018	21days	National	NIPHM, Hyderabad
iii.	Preparedness on Occurrence of blast like disease on wheat	SEMETI, Narendrapur, Kolkata	1day	National	ICAR-IIWBR, Karnal

Sl. No.	Topic of Training	Venue & date	Duration	National/ International	Funding Agency (ICAR/ Others)
iv.	CAFT training on "Advances in Plant Disease Diagnostic and Forecasting Tools"	Department of Plant Pathology, 29th Nov. to 19 Dec. 2022	21 days	National	CAFT in Plant Pathology, GB PANT, Pantnagar, UK
v.	Precise and Uniform Data Recording and Reporting in Wheat and Barley Crop Protection Trials	ICAR-IIWBR, Karnal, Haryana, Feb. 22-24, 2023	3days	National	ICAR-IIWBR, Karnal
vi.	Advanced Statistical and Machine Learning Techniques for analysis of agricultural Data	Dept. of Agricultural Statistics, UBKV, Feb. 19-28, 2024	10 Days	National	ICAR, New Delhi
vii.	Empowering Educators with AI: From Research Tools to Generative Innovations	Madanapalle Institute of Technology & Science, Andhra Pradesh, India.	6 days	National	Madanapalle Institute of Technology & Science,

b) Seminars/Symposiums/Workshops

Sl. No.	Topic of Seminar/ Symposium/ Workshop	Venue & date	Duration	National/ International	Funding Agency (ICAR/ Others)
i.	"Microbial Diversity and Plant Health"	Lake hall, November 29-30, 2007	2 days	National	Indian Mycological Society, Kolkata
ii.	Jute and Allied Fibres Production, Utilization and Marketing"	NIRJAF, January 9-12, 2008	4 days	International	Indian Fibres Society, CRIJAF and NIRJAF
iii.	Agro biodiversity of Jute and Allied Fibres	ICAR-CRIJAF, July 10-11, 2008	2 days	National	ICAR-CRIJAF
iv.	Plant Pathology in the globalized Era	New Delhi, November 10-13, 2009	4 days	International	Indian Phutopathological Society, New Delhi, India.
v.	Climate Change, Plant Protection & Food Security Interface	Kalyani, Nadia, December 17-19, 2009	3 days	National	Association for Advancement Plant Protection, Kalyani, Nadia.
vi.	Effect of climate change on pest and diseases of key crops in India, Bangladesh and Australia	December 15-16, 2009	2 days	International	B.C.K.V., Mohanpur, Nadia, West Bengal
vii.	Horticulture for rural Development Biotechnology	September, 25, 2010	1 day	National	Jadavpur University,

Sl. No.	Topic of Seminar/ Symposium/ Workshop	Venue & date	Duration	National/ International	Funding Agency (ICAR/ Others)
	and Biochemical Aspects				Kolkata-32 and.
viii.	Emerging challenge and step for mitigation of productivity constrains in food legumes	November, 20, 2010	1 day	National	AICRP on Groudnut, B.C.K.V., Mohanpur, Nadia.
ix.	System Intensification towards food and environmental security	Kalyani, February, 24-27, 2011	4 days	International	Crop and Weed Science Society (CWSS)
x.	Rice based farming systems for livelihood security under changing Climate scenario	Sambalpur, February, 27-29, 2012	3 days	National	College of Agriculture (OUAT), Odisha
xi.	Horticulture for food nutrition and livelihood Options	Bhubaneswar, Odissa. May, 28-31, 2012	4 days	International	ASM Foundation, New Delhi
xii.	Plant Microb Interactions and Crop Health Management	Sriniketan Oct, 6-7, 2012	2 days	National	Visva-Bharati, Sriniketan
xiii.	Blending Conventional and modern Plant Pathology for Sustainable Agriculture	IIHR, Bangalore, Dec, 4-6, 2012	3 days	National	Indian Phytopathological Society
xiv.	Bioresources Management for Sustenance of Ecosystem and Livelihood	Pundibari, 26-29th Nov, 2015	4 days	National	Uttar Banga Krishi Viswavidyalaya, Cooch Behar (WB).
xv.	Plant, Pathogens and People” with the mission “Challenges in Plant Pathology to benefit humankind	NASC Complex, New Delhi, February 23-27, 2016.	5 days	International	Indian Phytopathological Society
xvi.	Quinquennial Review Team meeting	BHU, Varanasi, UP.	1 day	National	ICAR-IIWBR, Karnal
xvii.	57 th All India Wheat & Barley Research Workers Meet	BAU, Ranchi, Jharkhand	3days	National	ICAR-IIWBR, Karnal
xviii.	63 rd All India Wheat & Barley Research Workers Meet	ANDUA&T, Ayodhya, U.P.	3days	National	ICAR-IIWBR, Karnal
xix.	67th Annual Maize Workshop 2025	TNAU, Coimbatore, Tamilnadu	3days	National	ICAR-IIMR

c) Seminars/Symposiums/Workshops/ Training/Krishi Mela organized

Sl. No.	Topic of Seminar/ Symposium/Training/Mela	Venue & date	Duration	National/ District/block	Funding Agency (ICAR/ Others)
1	Mati, Krishi, Udyan Palan, Matsya O Prani Sampad	Basanti	3 days	Block level	Department of

	Mela 2013.	block, 24Pgs				Agriculture, Govt. of West Bengal
2.	Farmers' Sons Training on Improved techniques for cultivation of vegetables and field crops.	Basanti block, 24Pgs	3 days	Block level		Department of Agriculture, Govt. of West Bengal
3.	Mati, Krishi, Udyan Palan, Matsya O Prani Sampad Mela 2014.	Basanti block, 24Pgs	3 days	Block level		Department of Agriculture, Govt. of West Bengal
4.	Farmers training programme on "Problem and management of Plant Parasitic nematodes in Northern part of West Bengal."	UBKV, Coochbehar	One day	Block level		ICAR, AICRP on Nematodes in Agriculture
5.	National seminar on Climate Resilient and Input Efficient Agriculture for Food and Nutritional Security	UBKV, Coochbehar	One day	National level		Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar-736165

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					
2.					

Tribal sub-plan (TSP) and SC sub-plan (SCSP) Schemes programme:

- a) **Front Line Demonstration** and training programme under All India Co-ordinated Wheat and Barley Improvement project **for Tribal and Scheduled cast farmers.**
- b) **Under ICAR-AICRP on Seed (Crops)** training programme and Front-Line Demonstration of improve technology to **Scheduled cast and Tribal farmers.**

Act as Resource person for farmers training at different northern districts of West Bengal

Sl. No.	Details of extension activities
i.	Resource person for one day farmers training programme at Tufanganj II under DPWS
ii.	Resource person for one day farmers training programme at Mathabhanga I under DPWS
iii.	Resource person for one day farmers training programme at Dinhata II under DPWS (TZ)
iv.	Resource person for one day farmers training programme at Jaigirbalabari, Dinhata under AINP-JAF, UBKV. on 16 th Aug 2019.
v.	Resource person for one day farmers training programme at Atiyaldanga, Dinhata under AINP-JAF, UBKV on 17 th August, 2019.
vi.	Resource person for one day farmers training cum input distribution programme at Uttar Chakoakheti, Alipurduar under AICRP-Biocontrol, UBKV on 6 th March, 2019.
vii.	Resource person for one day farmer's training cum input distribution program at Dakshin Santali, Kalchini, Alipurduar under AICRP on Bio-Control, UBKV on 13 th and 26 th March, 2019.
viii.	Resource person for one day farmers training at Fulbari, Mathabanga-II block, Coochbehar under NFSM scheme on 12 th September, 2019.
ix.	Resource person for one day farmers training at Nishiganj-I , Mathabanga-II block, Coochbehar under NFSM scheme on 24 th September, 2019.
x.	Resource person for one day guidance of 5 th semester Botany student of ABN Seal collage , Cooch behar during their educational trip programme to UBKV on 16 th December, 2019.
xi.	Resource person for one day farmer's training program on Vermicompost production at Faculty of Agriculture, UBKV, Pundibari under ICAR-SC Sub plan on 21 st February, 22.
xii.	Resource person for one day farmers training at Conference hall, O/O Joint DA(P), Islampur Sub division, Uttar Dinajpur under NFSM Commercial crop scheme on 11 th March, 2022.
xiii.	Resource person for one day farmer's training program on Quality seed production of field crops at Faculty of Agriculture, UBKV, under ICAR-SC Sub plan on 4 th , 15 th and 25 th , March, 2022.
xiv.	Resource person for one day farmers training program at Suripara village of Alipurduar district under AICRP on Spices , UBKV centre on 29 th September, 2022.
xv.	Resource person for one day farmers training program at Durganagar, Dinhata-II block , Coochbehar under AINP-JAF, UBKV on 5 th January, 2023.
xvi.	Resource person for one day farmers training program on Organic grower at Faculty of Horticulture, UBKV, Pundibari under MIDH scheme on 30 th January, 2023.
xvii.	Resource person for one day farmers training program at Coochbehar KVK, Traning Hall, Pundibari under AICRP on Nematodes , UBKV centre on 8 th February, 2023.

Details about technology generated/ Varietal development

Title of technology developed	Authors with affiliation	Gazette Notification No. & date	Released from	Period of work	Source of fund
Rice Variety Uttar Sugandhi (IET 24616) for West Bengal condition	B Roy, N Sahan, S Hembram , Md W Reza, A Chowdhuriy, M Ghosh, UBKV, Cooch behar	S.O. 4065(E); dated 31 st August, 2022	SVRC	2012-20	Directorate of Research, UBKV
Rice Variety Uttar Ganga (IET 28840) for West Bengal, Odisha, UP, Assam and Tripura condition	¹ B Roy, ¹ S Hembram , ¹ N Sahan, ¹ A chowdhury, ² LV Subba Rao ¹ UBKV, Coochbehar, West Bengal ² IIRR, Hyderabad	S.O. 1560(E); dated 26 th August, 2024	CVRC	2013-22	Directorate of Research, UBKV

Detail of patents/ design/copy write.

S. No	Title	Name of Applicant(s)	Patent No.	Award Date	Country	Status
i.	Innovative Slide Holder for Laboratory Microscope	Dr. Rakesh Yonzone, Dr. Satyajit Hembram and Dr. Maimom Soniya Devi.	187722 429221-001	03/09/224	India	Granted
ii.	Blight Prediction AI Device	KS. Singh, Dr. Satyajit Hembram , Dr. Younus Wani, A. Priyadarshini, Mr. KT. Thakare, N. Mahajan, DD. Chavan, H. Khatoon, A. V. Chandanshive, A. Yadav	198228 445580-001	25/01/2025	India	Granted
iii	CucuMiL: A Forewarning Tool for Cucurbits Downy Mildew disease	DR. SATYAJIT HEMBRAM , DR. G. JESUMAHARAJA, L, DR. R. YONZONE, DR. P. BASAK, DR. S. DUTTA, DR. I. BHATTACHARYA, DR. A. SAHA, DR. D. MAZUMDAR	Application Number:4640 83-001 CBR Number:2138 90 CBR Date:30/06/25 18:02:12	NA	India	Application Under Process (Waiting for Technical Examination)

New Plant disease reports, Germplasm registration and Plant pathogens submission:

Category of achievement	Title	Year	Additional information, if any
New plant disease report	First report of leaf blight (<i>Cladosporium tenuissimum</i> cooke) on <i>swertia chirayita</i> –a critically endangered medicinal plant of sub-himalayan zone.	2016	International Journal of Recent Scientific Research, 7 (2)8923-8925. ISSN: 0976-3031
New plant disease report	Stem Rot, a new disease of <i>Valeriana jatamansi</i> in the Sub-Himalayan zone of Darjeeling district of West Bengal, India.	2016	International Journal of Applied and Pure Science and Agriculture, 02(2):2-5. e-ISSN: 2394-5532.
New plant disease report	First report of leaf spot (<i>Alternaria alternata</i>) on <i>Swertia chirayita</i> – a critically endangered medicinal plant of sub- himalayan. Asian.	2016	Journal of Science and Technology, 07(04):2760-2762 ISSN: 0976-3376
Accession number obtained (27)	27 records were documented for future research on <i>Fusarium</i>	2023	NCBI portal
Accession number obtained (64)	64 records were documented for future research on <i>Rhizoctonia solani</i>	2025	NCBI portal

Professional Recognition/ Award/ Prize/ Certificate, Fellowship received:

- ii. Awarded **Agricultural Scientist Recruitment Board (ASRB)**- National Eligibility Test in NET Examination
- iii. Awarded **M.J. Nraasimha Memorial Merit Award** (East Zone) by Viswa-Varati & Indian Phyto pathological Society, New Delhi in 2014
- iv. Awarded **Best Poster presentation** by NAHEP-IG UBKV, COBACAS & Society for Minor Fruit Medicinal & Aromatic Plant in 2022
- v. Awarded **Best Poster presentation** by Raiganj University & Indian Phyto pathological Society, New Delhi in 2022.
- vi. **Prof. K.C. Mehta Memorial Awards** by Uttaranchal University, Uttarakhand & Agro Environmental Development Society in 2024.
- vii. **Young Plant Pathologist Award** conferred by Commerce & Industry Development Foundation, Eco Fast Agri. Solution in 2024.
- viii. Western Ghat Researcher Association of Agricultural Science and Technology conferred **Extension Service Excellence Award** in 2025.
- ix. **MAAN SAKAM** conferred by Manjhi Pargana Welfare Society, Deogaon, Falakata, Alipurduar-735213, West Bengal, India in 2025.

6. LIST OF PUBLICATION

1. Dutta, S., Saha, S., Chattopadhaya, A., Ghosh, P. P. and **Hembram, S.** (2009). Scheduling of efficient fungicides for the management of fruit and vine rot of pointed gourd. *Pestology XXXIII* (4): 37-41. (ISSN:0970-3012)
2. De, R.K., **Hembram, S.** and Mandal, R. K. 2010. Evaluation of new fungicides on *Macrophomina phaseolina* causing stem rot of jute. *Pestology*, XXXIV (11): 39-44. (ISSN: 0970-3012)
3. Dutta, S. Thapa, G. Roy Barman, A. and **Hembram, S.** (2010) Prediction of Black rot Disease Progression of Cabbage Based on Weather Parameters. *Rajshahi University journal of environmental science*.1:30-33. (ISSN:2227-1015)
4. Dutta, S., Roy Barman, A., **Hembram, S.**, Kuiry, S.P., Ghosh, P.P. and Chattopadhyay, A. (2013). Integrated management of Rhizoctonia root rot of Pea. *Annals of Plant Protection Sciences*. 21(1): 188-120. (ISSN: 0971-3573)
5. **Hembram, S.**, Dutta, S., Bhattacharya, I., Saha, A. and Mazumder, D. (2014). Influence of weather variables on morphological structures of *Pseudoperonospora cubensis*. *Journal of Agrometeorology*. 16(2): 219-221. (ISSN: 0972-1665)
6. **Hembram, S.**, Dutta, S., Bhattacharya, I., Saha, A., Chattopadhaya, A. and Mazumder, D. (2014). Pathogenic variability of *Pseudoperonospora cubensis* in Gangetic alluvial region of West Bengal, India. *Archives of Phytopathology and Plant Protection*, 47(2): 230-239, DOI: 10.1080/ 03235408. 2013.807567. (ISSN: 0323-5408 (Print), 1477-2906 (Online))

7. Dutta, S., Ghosh, P.P., **Hembram, S.**, Kuiry, S.P., Kamei, A and Chattopadhyay, A. (2014). Epidemiology and varietal screening of Okra germplasm against sooty leaf spot disease *Cercospora ablesmoschi*. *Indian Journal of Plant Protection*. 43(1):118-121. (ISSN: 0253-4355)
8. Roy, M.K., **Hembram, S.** and Debnath, A. (2015). Effect of different media and pH on growth and Sporulation of different native *Trichoderma spp.* *The Bioscan*. 10(4): 1833-37. (ISSN:0973-7049)
9. **Hembram, S.** and Baskey, S. (2015). Interaction of different pathogens on the extent of lesion development of betelvine (*Piperis betle*). *International Journal of Recent Scientific Research*. 6(11): 7162-7165. (ISSN: 0976-3031)
10. **Hembram, S.** and Baskey, S. (2015). *In vitro* evaluation of some chemicals against *Phoma piperis-betle* causing leaf spot disease of Betelvine. *International Journal of Sciences & Applied Research*. 2(10): 31-35. (ISSN: 2394-384X (Print), 2394-2401 (Online))
11. Roy, M.K., **Hembram, S.** and Dutta, S. (2015). Effect of Antagonistic Bio-agents and Fungicides on Incidence of Web Blight Disease of Urdbean (*Vigna mungo L.*). *Journal of Agriculture and Technology*. 2(1&2): 60-63. (ISSN: 2348-4721)
12. Dutta S., Ghosh P.P., Roy Barman, A., Kuiry, S.P., **Hembram S.** and Chattopadhyay A. (2016). Efficacy of fungicides and inducer molecule for management of downy mildew of Cucumber under trellis/non-trellis system of cultivation. *Annals of Plant Protection Sciences*. 24(1):118-122. (ISSN: 0971-3573)
13. Baskey, S., **Hembram, S.**, Ali, S., Sharma, B.R., Tudu, B and Chakroborty, S. (2016). First report of leaf blight (*Cladosporium tenuissimum cooke*) on *Swertia chirayita* – a critically endangered medicinal plant of sub Himalayan zone. *International Journal of Recent Scientific Research*. 7(2): 8923-8925. (ISSN: 0976-3031)
14. Baskey, S., **Hembram, S.**, Ali, S., Sharma, B.R., Tudu, B and Chakroborty, S. (2016). Stem Rot, a new disease of *Valeriana jatamansi* in the Sub Himalayan zone of Darjeeling district of West Bengal, India. *International Journal of Applied and Pure Science and Agriculture*. 02(2):195-199. (ISSN:2394-823X)
15. Baskey, S., **Hembram, S.**, Ali, S., Sharma, B.R., Tudu, B and Chakroborty, S. (2016). Survey on fungal diseases of *Swertia chirayita* in Darjeeling district of West Bengal, India. *International Journal of Sciences & Applied Research*. 3(3): 86-89. (ISSN:2394-384X)
16. Roy, M.K., **Hembram, S.**, Dutta, S. and Ray, S. (2016). Effects of antagonistic and compatibility of some native *Trichoderma spp.* under Terai agro-ecological region of W.B. *Green Farming*. 7 (3): 694-497. (ISSN: 0974-0775)
17. Baskey, S., Bandan Thapa, Roy, K., Ali, S., Sharma, B.R. and **Hembram, S** (2016). First report of leaf spot (*Aalternaria alternata*) on *swertia chirayita* – a critically endangered medicinal plant of sub-Himalayan zone. *Asian Journal of Science and Technology*. 7 (4): 2760-2762. (ISSN: 0976-3376)
18. Nandi, S., **Hembram S.**, Adhikari, A., Tiwari, BK and Dutta S (2017). Host Infection beyond the Traditional Range of *Sclerotium (Athelia) rolfsii* with *Physalis minima*. *Bioinformation* 13(10): 333-338.
19. Patsa, R., **Hembram, S.**, Bhattacharya, PM., Bandyopadhyay, S and Dutta, S (2018). Effect of temperature, light on germination and morphological characteristics of *Bipolaris sorokiniana*. *Indian Phytopathological*. <https://doi.org/10.1007/s42360-018-0037-8>.
20. **Hembram, S.**, Baskey, S and Khatua, DC (2018) In-vitro Evaluation of Chemotoxicants Inhibiting the Bacterial Leaf Spot Pathogen of Betelvine (*Pseudomonas betle*). *Int.J.Curr.Microbiol.App.Sci* 7(8): 2872-2876. NAAS: 5.38.
21. **Hembram, S.**, Patsa, R., Baskey, S and Hansda, M (2018). Effect of Weather Indices on Late Blight of Potato and Its Management in Northern District of West Bengal. *Int.J.Curr.Microbiol.App.Sci* (2018) 7(9): 1737-1743. NAAS: 5.38.

22. Patsa, R., **Hembram, S.**, Bhattacharya, PM., Bandyopadhyay, S and Dutta, S (2018). Performance of different wheat genotypes on occurrence of spot blotch disease and yield under varying date of sowing. *Journal of Mycology and Plant Pathology*. 48(4):381–482. **NAAS: 5.79.**
23. **Hembram, S.**, Patsa, R., Baskey, S and Hansda, M (2018). Occurrence and Management of Late Blight Diseases of Tomato in Terai Zone of West Bengal. *Current Journal of Applied Science and Technology* (Past name: British Journal of Applied Science & Technology. 30(4): 1-7. **NAAS: 4.71.**
24. Dutta, S., Bandyopadhyay, S and **Hembram, S** (2019). Management of Rice Blast Disease by Fungicides in Sub Himalayan Zone of West Bengal. *Journal of Mycology and Plant Pathology*. 49 (4):394-404. **NAAS: 5.79.**
25. Patsa, R., Goldar, S., Debnath, D and **Hembram, S** (2020). Efficacy of chemical fungicides against spot blotch (*Bipolaris sorokiniana*) disease management of wheat in northern part of West Bengal. *International Journal of Chemical Studies*. 8 (3): 2627-2631. DOI: <https://doi.org/10.22271/chemi.2020.v8.i3al.9610>. **NAAS: 5.31.**
26. Baskey, S., Khalko, S., **Hembram, S.**, Sharma, BR and Ali, S (2020). Survey for the Incidence of Stem Rot of Groundnut in North Bengal Districts of West Bengal, India. *Int. J. Curr. Microbiol. App. Sci.* 9(01): 328-333. **NAAS: 5.38.**
27. Baskey, S., Thapa, B., Roy, K., Sharma, BR., Ali, S., **Hembram, S.**, Khalko, S and Pal, S (2020). Survey on diseases of medicinal and aromatic plants of North Bengal districts of West Bengal, India. *J Agric Technol*. 7(1&2): 7-12. **NAAS: 3.39.**
28. Yonzon, R., Khalko, S., Sharma, B.R., Bhattacharya, P.M., Bandyopadhyay, S., **Hembram, S.**, and Das, B. (2021). Influence of Crop Rotation on Disease Incidence and Population Dynamics of Ginger Wilt inciting Pathogen (*Ralstonia solanacearum*) under Organic Management Practice in Hill Zone of West Bengal. *Biological Forum – An International Journal*, 13(3): 168-173. **NAAS: 5.11.**
29. Nath, Sahanob; Das, Saikat; Basak, Debojyoti; Rout, Sanghamitra; **Hembram, Satyajit**; Kumar Roy, Suvendu; Kanti Debnath, Manoj; Mandal, Rupsanatan (2021). Exploring the Genetic Variability for Yield Attributing Traits among the Indigenous and Exotic Collection of Wheat in Cis-Himalayan Region of West Bengal, India.; *International Journal of Plant & Soil Science*, 33(24): 106-113. **NAAS: 5.07.**
30. R Yonzon, S Khalko, BR Sharma, **S Hembram**, MS Devi, B Das (2022). Correlation on Population Dynamics and Disease Incidence of Bacterial Wilt Instigating Pathogen (*Ralstonia Solanacearum*) Under Different Intercropping System. *Bangladesh Journal of Botany*, 51 (4): 807-812. **NAAS: 6.34.**
31. Bodeddula Jayasankar Reddy, Sahanob Nath, Sumita Nag, Moumita, Chakroborty, Lakshmi Hijam, Manoj Kanti Debnath, Suvendu Kumar Roy, **Satyajit Hembram** and Rupsanatan Mandal (2022). Heredity divergence and genetic components of local potato (*Solanum tuberosum* L.) cultivars as revealed by molecular markers and quantitative traits. *The Pharma Innovation Journal*, 11(4): 1258-1267. **NAAS: 5.23.**
32. B.J. Reddy, Subir Dutta, Sahanob Nath, Sanghamitra Rout, Sumita Nag, Moumita Chakroborty, **Satyajit Hembram**, and Rupsanatan Mandal (2022) Evaluation of Local West Bengal Potato Cultivars for Late Blight Resistance and Characterization of the Gene that Confers Resistance. *Eco. Env. & Cons.* 28 : S112-S117. **NAAS: 5.41.**

33. Vaidheki M., Gupta, D.S., **Hembram, S.**, Debnath, M.K., Hath, T.K. and Basak, P. (2022). Epidemiological Model for Potato Late Blight in the Northern Part of West Bengal. *Biological Forum – An International Journal*. 14(4a): 297-306. **NAAS: 5.11.**
34. Vaidheki M., Gupta, D.S., Basak,P., Debnath, M.K., **Hembram, S.** and Ajith S. (2023). Prediction of potato late blight disease severity based on weather variables using statistical and machine learning models: A case study from West Bengal. *Journal of Agrometeorology*. 25(4):583-588. **NAAS: 6.00.**
35. Yonzone, R., Khalko, S., Bandyopadhyaya, S., **Hembram, S.**, G Jesumaharaja L, Tarafdar, HK and Sharma, BR (2023). Correlation of major soil enzymes with population dynamics of *Ralstonia solanacearum* under different ginger-based crop rotation system. *Agricultural Mechanization in Asia*. 54(11):16339-16344. **NAAS: 6.29.**
36. Gnanasing Jesumaharaja L., Dhar A., Bhaumik P., Yonzone R., Debnath M.K., Dinesh Kumar P., Ahila Devi P., & **Hembram S** (2023). Assessment of Emerging Wheat Diseases in Northern Region of West Bengal under Changing Climate Scenario. *Biological Forum- An International Journal*, 15(12), 329. **NAAS: 4.96.**
37. Saha, P., Sundarrao, G. S., Roy, B., **Hembram, S.**, Bhattacharya, P. M., Chowdhury, A. K., Sahana, N., & Mandal, S. (2024). Seed Health Testing of Recombinant Inbred Lines Derived from Cross between Kalonunia and Pusa Basmati 1637. *Journal of Advances in Biology & Biotechnology*, 27(5), 558–565. <https://doi.org/10.9734/jabb/2024/v27i5818> **NAAS: 5.30.**
38. Roy B, N Sahana, **Hembram, S.**, GS Sundarrao, S Poddar, P Saha and M Roy. (2025). High Yielding and Lodging Resistant Rice Variety Developed for Medium and Up-land Ecology. *Indian Journal of Plant Genetics Resource*. 38(1), 97-102. DOI: 10.61949/0976-1926.2025.v38i01.11. **NAAS: 5.17.**
39. Hijam, B., Maharaja, G. L. Roy, A.V. Roy and **Hembram, S.** (2025). Assessment of Some Culture Media for Optimum Growth and Sporulation of *Bipolaris sorokiniana* Causing Spot Blotch of Wheat. *International Journal of Economic Plants*. 12(1): 01-06. **NAAS: 5.17.**
40. Rakesh, B., Hijam, L., Mandal, R., Sahana, N. and Hembram, S. (2025). “Introgression of Blast Resistance Gene in Rice through Marker Assisted Breeding in Terai Region of West Bengal, India”. *Journal of Advances in Biology & Biotechnology* 28 (4):216-24. <https://doi.org/10.9734/jabb/2025/v28i42182>. **NAAS: 5.30.**

Popular Articles:

- a) **Hembram, S.** and Baskey, S. Pater pradhan roger Susamhata Pratirodh byabstha (Integrated Management of Important Jute Diseases). *Anndata* (In Bengali), Apri 2009.
- b) Ghosh, PP., **Hembram, S.** and Dasgupta, MK. Rose Rosette Disease. The Rose Annual (English) 2011, pp 21-31.
- c) **Hembram, S.** Some important indigenous medicinal plant of India and their various use. *Bioresource in North Bengal and its Utilization*. (English) 2016, pp 21-31.
- d) Gnanasing Jesumaharaja L, Hijam, B., Ahila Devi, Nandi, A. and **Hembram, S.** Important diseases of jute in north eastern region of West Bengal and its integrated management. *Agri-India TODAY* (ISSN: 2583-0910), 2024, 04(08), pp 51-57.

BOOK CHAPTERS:

S. No	Title	Author's Name	Publisher	Year of Publication
1.	Population Biology of Wheat Blast	Kashyap, PL., Kumar,	CRC Press	2020

S. No	Title	Author's Name	Publisher	Year of Publication
	Pathogen. In Kumar, S., Kashyap, PL., Singh, GP. (Eds.) <i>Wheat Blast</i> , pp 19-33.	S., Sharma, P., Mahapatra, S., Hembram, S. and Singh, GP.	(Taylor & Francis group), Boca Raton, London,	
2.	Identification and Diagnosis of Wheat Blast. In Kumar, S., Kashyap, PL., Singh, GP. (Eds.) <i>Wheat Blast</i> , pp 35-52.	Kashyap, PL., Kumar, S., Gopal, K., Mahapatra, S., Hembram, S. and Singh, GP.	CRC Press (Taylor & Francis group), Boca Raton, London,	2020
3.	Crop Production Estimation Using Remote Sensing. In Mitran, T., Meena, R.S. and Chakraborty, A. (Eds.) - <i>Geospatial Technologies for Crops and Soils</i> , pp 229-243.	Deb, D., Mandal, S., Deb, S., Choudhury, A and Hembram. S.	Springer Nature Singapore Pte Ltd.	2021
4.	Significance of Cyanobacteria in Soil-Plant System and for Ecological Resilience. In Husen, A. (Ed.), <i>Plant Performance Under Environmental Stress (Hormones, Biostimulants and Sustainable Plant Growth Management)</i> . pp 481-492.	Chakraborti, S., Sen, A., Bera, K., Dutta, P., Deb, S., Hembram, S. , and Choudhury A.	Springer Nature Switzerland AG, Gewerbestrasse 11, 6330 Cham, Switzerland.	2021
5.	Sustainable Plant Disease Management. In Partha Sarathi Patra, Kausik Pradhan, Shyamal Kheroar, Amrit Tamang, Pabitra Adhikary (Eds.). <i>Sustainable Farming</i> . Pp 252-276. NIPA genx electronic resources & solutions p. Ltd. 101-103	Baskey, S. and Hembram. S.	Vikas Surya Plaza, CU Blockc LSC Market, Pitam Pura, New Delhi 110034. India.	2021
6.	Use of botanical pesticides in pest management In Rakesh Yonzone and Maimom Soniya Devi (Eds). <i>Innovative Approaches in Plant Protection</i> . Pp 62-94. (ISBN No. 978-81-960970-1-1)	Baskey, S., Tudu ,B. Hembram S., Roy,S. and Mahali, K.	Narendra Publishing House, Chandni Chowk, Delhi, 110006	2023
7.	Pest and Diseases of Some Commercial Medicinal and Aromatic Plants and Their Management. In Shukla, G., Bhat, J.A., Das, A.P. and Chakravarty, S. (eds) <i>Bioprospecting of Ethnomedicinal Plant Resources Sustainable Utilization and Restoration</i> . Pp 375-398.	Pandey, R. and Hembram, S.	Apple Academic Press, Inc. Co-published with CRC Press (Taylor & Francis group),	2024

7. Ph.D Guidance

AREA OF INTEREST :	✓ Morpho-molecular variability study of fungal
--------------------	--

	<p>pathogen and its importance in Agricultural crops.</p> <ul style="list-style-type: none"> ✓ Development of disease resistance and high yielding new varieties for sustainable crop production. ✓ Identification & Mass production of beneficial soil microbes as eco-friendly approaches in plant disease management system. ✓ Development of plant disease forewarning system for early detection to minimise the crop loss and to reduce environmental hazards.
RESEARCH SUPERVISION: M.Sc (Ag.)	13
RESEARCH SUPERVISION : Ph.D	07

Doctoral Thesis

1. Satyajit Hembram, (2012). “*Weather based prediction system for sporulation of Pseudoperonospora cubensis and its pathogenic variability*”.

Master Thesis

1. Satyajit Hembram, (2006). “Interaction of bacterial pathogens of betelvine with *Phoma piperis betle*”.

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

a) Life Member of Professional Societies

Sl. No.	Details of Professional Societies
i.	Cooch Behar Association for Cultivation of Agricultural Sciences, Cooch Behar, W.B.
ii.	Indian Phytopathological Society , New Delhi, India
iii.	Association for Advancement in Plant Protection , BCKV, Kalyani, West Bengal, India
iv.	Indian Science Congress Association , Kolkata, India
v.	Agro Environmental Development Society , Rampur, U.P., India
vi.	Academy for Advancement of Agricultural Science , Nadia, W.B., India
vii.	Manjhi Pargana Welfare Society , Deogaon, Falakata, Alipurduar-735213, West Bengal
viii.	Purulia Dharti Marsal Society , Purulia, West Bengal, India
ix.	Chachuhara Educational and Welfare Trust , Dakshin Dinajpur, West Bengal, India

- x. **Sido kanho Mision**, Purulia, West Bengal, India
- xi. **Uttarkendbona Youth Welfare Society**, Indpur, Bankura, West Bengal, India
- xii. **All India Santali Writer's Association**, West Bengal, India
- xiii. **Santhali Writers Association**, New Delhi, India

b) Invited Lectures/ Chairing the Session or Presentation for Conferences/ Symposia etc.

Sl. No	Title of the Lecture/Academic session	Title of Conference/ Seminar	Organized by	Whether National/ State/ Regional/ University level
1.	Techniques of wheat diseases recording	Phenotyping aids and data recording in field experiments	ICAR-IIWBR, Karnal, Haryana	National
2.	Technology dissemination on plant health management approaches for sustainable production.	Minor fruits, Medicinal & Aromatic plants: Health, Wealth and Sustainability.	Cooch Behar Association for Cultivation of Agricultural Sciences and Directorate of Research, UBKV	National (November 24-26, 2022)
3.	Crop Protection Oral session	Climate Resilient and Input Efficient Agriculture for Food and Nutritional Security	Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar-736165, West Bengal, India.	National (January 19-20, 2023)
4.	Crop Protection Poster session	Climate Resilient and Input Efficient Agriculture for Food and Nutritional Security	Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar-736165, West Bengal, India.	National (January 19-20, 2023)
5.	Tackling disease and pests problems under organic and natural farming system	Current Trends in Plant and Microbial Research for Crop & crop health management	Raiganj University & Indian Phytopathological Society	National (September 06, 2024)

c) Additional Research Responsibilities:

Sl. No	Name of the	Position	Period	Funding
---------------	--------------------	-----------------	---------------	----------------

	coordinated Research project	From	To	organization
1.	All India Coordinated Wheat & Barley Improvement Project Plant Pathologist	2015	Till date	ICAR-IIWBR, Karnal
2.	All India Coordinated Research Project on Nematodes in Agriculture Officer In-Charge	2018	2019	ICAR-IARI, New Delhi
3.	All India Coordinated Research Project on Rice Plant Pathologist	2016	Till date	ICAR-IIRR, Hyderabad
4.	All India Coordinated Research Project on Maize Plant Pathologist	2022	2024	ICAR-IIMR Ludhiana
5.	All India Coordinated Research Project on Maize Officer In-charge	2025	Till date	ICAR-IIMR Ludhiana

d) Additional Administrative Responsibilities:

Sl. No	Name of the Committee	Position	Period	
			From	To
i.	RKVY Monitoring and Implementation Team	Member	2016	Till date
ii.	Purchase committee of Directorate of Research	Member	2017	Till date
iii.	Departmental committee of Plant Pathology	Member	2015	Till date
iv.	Research committee of RRS, Terai Zone	Member	2014	Till date