

RESUME

Dr.Sunita Mahapatra

NAME: Dr.Sunita Mahapatra

DESIGNATION: Assistant Professor (Stage 3)

CONTACTS:

1. **OFFICIAL ADDRESS FOR CORRESPONDENCE:**

2. **PHONE :** Mobile: 8697510002
WhatsApp: 8697510002

3. **EMAIL :** Institutional: mahapatra.sunita@bckv.edu.in
Alternative:sunitamahapatra@yahoo.co.in

4. **ORCID ID:** <https://orcid.org/0000-0002-8476-0490>

5. **GOOGLE SCHOLAR PROFILE:**
https://scholar.google.com/citations?user=nCW_Mt0AAAAJ

6. **RESEARCH GATE PROFILE:**https://www.researchgate.net/profile/Sunita-Mahapatra?ev=hdr_xprf

7. **DATE OF BIRTH:** 30/10/1982

8. **DATE OF JOINING TO THE UNIVERSITY:** 27/10/2014



9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Plant Pathology	BCKV	2011
MASTER'S	Plant Pathology	BCKV	2007
BACHELOR'S	B.Sc. (Hons.) Ag.	BCKV	2005

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Asst.Professor	Uttar Banga Krishi Viswavidyalaya	18.01.2011	27.10.2014
Asst.Professor	Bidhan Chandra Krishi Viswavidyalaya	28.10.2014	18.01.2015
Asst.Professor (Stage2)	Bidhan Chandra Krishi Viswavidyalaya	19.01.2015	18.01.2020
Asst.Professor (Stage3)	Bidhan Chandra Krishi Viswavidyalaya	19.01.2020	continuing

11. ADMINISTRATIVE POST(S)/ RESPONSIBILITY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	Provost, Ph.D. Girls, Matangini Abas	12.04.2021	10.02.2022

2.	Provost, M.Sc. Girls, Nivedita Abas	12.12.22	continuing

12. AREA OF RESEARCH : (Bulleted list)

- Soil beneficial microbes
- Plant diseases epidemiology
- Wheat pathology

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	PPA205	Diseases of field and Horticultural crops and their management-1	1+1
	PPA256	Diseases of field and Horticultural crops and their management-II	1+1
POST GRADUATE	PL.PATH 505	Principles of plant pathology	2+1
	Pl Path 507	Principles of Plant diseases management	2+1
Ph.D.	Pl Path 605	Principles and Procedures of Certification	1+0
	Pl Path 606	Plant Biosecurity and Biosafety	2+0

14. NUMBER OF STUDENTS SUPERVISED:

Master's. 11 Doctoral 5

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1.	WHEAT PATHOLOGY LABORATORY UPGRADATION	CIMMYT, Maxico	COMPLETED	PI
2.	"Survey and surveillance for wheat blast caused by Magnaporthe oryzae pathotype Triticum and strategic research to manage it"	DAC & FW, MOA & FW, New Delhi	Completed	Co-PI
3.	Induced mutation for resistance to spot blotch of wheat caused by <i>Bipolaris sorokiniana</i> (Shoem.),	RNARC, Mumbai, Trombay, GOI	Completed	PI
4.	Accelerating Genetic Gains in Maize and Wheat for Improved Livelihoods (AGG)	Bill & Melinda Gates Foundation (BMGF) and the United Kingdom's Department for	Completed	Co-PI

		International Development (DFID)		
5.	Bio-efficacy and phytotoxicity of Thiophanate methyl 450g/l + Pyraclostrobin 50g/l FS) against Aspergillus, Fusarium and other seedling diseases of garlic.	M/S BASF India Ltd.	Completed	PI
6.	“Bio-efficacy and phyto-toxicity evaluation of Motive (Mancozeb 68% + Hexaconazole 4%) against disease complex of black gram”	Indofil Industries Limited	Continuing	PI

16. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

17. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

18. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

- Fellow of Society for advancement of wheat and barley research (SAWBAR) 2024.
- Fellow of Indian Phytopathological Society (IPS) 2025
- Best publication award by SADHNA- 2014 (Society for Advancement of Human and Nature).
- Young Scientist Award by Society for Scientific Development, Agriculture and Technology, Meerat, U.P.
- Best oral research paper presentation award in 3rd International Conference on Agriculture, Horticulture and Plant Science held in New Delhi, 25-26 th June, 2016.
- Young scientist award by International Journal of Tropical Agriculture in 3rd International Conference on Agriculture, Horticulture and Plant Science held in New Delhi, 25-26th June, 2016.
- Young scientist award by Crop and Weed Science Society, 2017
- Best oral presentation award at International Conference on Biodiversity, Climate Change and Environmental Sciences, 2017 at Coimbatore, Tamil Nadu, India.
- Act as lead speaker in brainstorming session of “Blast Proofing India” at Indian Institute of Wheat and Barley Research, Karnal, 8th August 2018. Organised by Indian Phytopathological Society and Society of Wheat and Barley Research.

- Lead speaker in PAASE CONFERENCE on the topic of International Web Conference on “Perspective on Agricultural and Applied Sciences in COVID-19 Scenario (PAAS-2020)” October 4-6, 2020.
- Ph.D. student Miss Sunanda Chakraborty, won best oral presentation (1 st position) on “Development of a rapid leaf detached assay for the phenotyping of spot blotch of wheat” authored by Ranajit Kundu, Sunanda Chakraborty, Srikanta Das and Sunita Mahapatra” during the IPS East Zone virtual symposium held on January 19-20, 2021 at ICAR- National Rice Research Institute, Cuttack, Odisha, India - 753006 on ‘Robust plant protection strategies for sustainable agriculture’

19. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):

FOREIGN TRAINING RECEIVED:

- i. Foreign visit nominated by CIMMYT for a training programme on “ Standardization of stem rust field notes and germplasm evaluation, with discussion on stripe and leaf rust” from 29.09.2018 to 9.10.2018 in Njoro, Kenya.
- ii. Foreign visit nominated by CIMMYT for a training program on “Wheat blast screening and surveillance training in Bangladesh” from 12.02.19 to 28.02.19 in Jassor, Bangladesh.

INTERNATIONAL PROJECT FUNDING

- WHEAT PATHOLOGY LABORATORY UPGRADATION, sponsored by CIMMYT, Maxico.as PI

20. PUBLICATIONS

A. BOOKS

B. RESEARCH PAPERS (Best 10)

1. Roy C, He X, Gahtyari NC, Mahapatra S and Singh PK (2023) Managing spot blotch disease in wheat: Conventional to molecular aspects. *Front. Plant Sci.* 14:1098648.doi: 10.3389/fpls.2023.1098648 **NAAS 11.60**
2. Chakraborty S, Mahapatra S, Hooi A, Bhushan BT, Almansour MI, Ansari MJ, Hossain A (2024) Survey, isolation and characterisation of *Bipolaris sorokiniana* (Shoem.) causing spot blotch disease in wheat under the climatic conditions of the Indo–Gangetic plains of India, *Heliyon*, 10(22), e40398, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2024.e40398> **NAAS 8.5**
3. Chakraborty, S., Mahapatra, S., Hooi, A. et al. Assessing the wheat cultivars against spot blotch resistance using phenotyping and gene based SSR markers. *Trop. plant pathol.* 50, 10 (2025). <https://doi.org/10.1007/s40858-025-00703-6> **NAAS 7.5**
4. Molla, M.A., Mahapatra, S., Chakraborty, S. et al. Disease risk analysis of spot blotch of wheat under different dates of sowing for Indo-Gangetic plains of India. *CEREAL RESEARCH*

5. Chakraborty, S., Mahapatra, S., Hooi, A. et al. Insights into the influence of partial disease resistance components on host preference of *Bipolaris sorokiniana* in wheat. *J Plant Pathol* (2024). <https://doi.org/10.1007/s42161-024-01670-8>
NAAS 8.2
6. Das, T., Mahapatra, S., Bhushan, B.T. et al. Molecular identification and characterizations of rhizobacterial isolates collected from lentil rhizosphere of Indo-gangetic plains. *Braz J Microbiol* (2024). <https://doi.org/10.1007/s42770-024-01366-2>
NAAS 8.2
7. Das, T., Sen, A. & Mahapatra, S. Characterization of plant growth-promoting bacteria isolated from rhizosphere of lentil (*Lens culinaris* L.) grown in two different soil orders of eastern India. *Braz J Microbiol* 54, 3101–3111 (2023). <https://doi.org/10.1007/s42770-023-01100-4>
NAAS. 8.2
8. Kashyap, P.L., Kumar, S., Sharma, A. et al. Molecular diversity, haplotype distribution and genetic variation flow of *Bipolaris sorokiniana* fungus causing spot blotch disease in different wheat-growing zones. *J Appl Genetics* 63, 793–803 (2022). <https://doi.org/10.1007/s13353-022-00716-w>
NAAS 8.40
9. Sudheer Kumar , Prem Lal Kashyap, Sunita Mahapatra, Poonam Jasrotia , Gyanendra Pratap Singh (2020). New and emerging technologies for detecting *Magnaporthe oryzae* causing blast disease in crop plants .*Crop Protection* <https://doi.org/10.1016/j.cropro.2020.105473>
NAAS. 8.17
10. Rayanoothala, P., Mahapatra, S., Das, S. et al. ISSR marker based genetic divergence study for charcoal rot disease resistance triggered by salicylic acid elicitor in Mungbean (*Vigna radiata* (L) Wilczek). *Trop. plant pathol.* 48, 667–674 (2023). <https://doi.org/10.1007/s40858-023-00608-2>
NAAS 8.5

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Date:21.02.25

Signature with Date