

RESUME

NAME: DR. SHANOWLY MONDAL (GHOSH)

DESIGNATION: Assistant Professor (Agricultural Entomology)

CONTACTS:

1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

AICRP on Nematodes in Agriculture, Directorate of Research,
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5.GOOGLE SCHOLAR PROFILE: _____

6.RESEARCHGATE PROFILE: Shanowly Mondal (Ghosh)

7.DATE OF BIRTH: 13/11/1980

8.DATE OF JOINING TO THE UNIVERSITY: 06/06/2014

9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph.D.(Agril. Entomology)	Bidhan Chandra Krishi Viswavidyalaya	2009
MASTER'S	M.Sc. (Agril. Entomology)	Bidhan Chandra Krishi Viswavidyalaya	2005
BACHELOR'S	B.Sc.(Ag.) Hons.	Bidhan Chandra Krishi Viswavidyalaya	2003

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor & OIC	AICRP on Nematodes in Agriculture, BCKV	01.05.2015	Till date
Assistant Professor	AICRP on Fruits, BCKV	15.10.2014	30.04.2015
Assistant Professor	Department of Agricultural Entomology, BCKV	06.06.2014	14.10.2014

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

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1	Officer in Charge, AICRP on Nematodes in Agriculture, BCKV	03.12.2021	Till date
2.	NSS, Programme Officer	19.12.2023	Till date

12. AREA OF RESEARCH : (Bulleted list)

- Insect toxicology
- Economic Entomology
- Nematology
- Integrated Pest Management

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	-	-	-
POST GRADUATE	ENT-502	Insect anatomy, physiology and nutrition	2+1
	ENT-601	Toxicology of insects	2+1
Ph.D.	ENT-602	Insect physiology and nutrition	2+1
	ENT-606	Insect Toxicology and Residues	1+1

14. NUMBER OF STUDENTS SUPERVISED:

Master's : 9 Doctoral: 4

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Bioefficacy, Phytotoxicity and effect on Parasites and Predators of Chlorfenapyr 10% SC on cabbage against Diamond Back Moth	M/S Parijat Industries (India) Pvt. Ltd	Completed	PI
2	Bioefficacy, Phytotoxicity and effect on natural enemies ME5382 2% Granules and ME5382 10% SC on Paddy against stem borer and Brown plant hopper	M/S Arysta Life Sciences. Ltd.	Completed	PI
3	Evaluation of the Bio-efficacy of Ladex 350ZW on rice against stem borer	M/S Horizon Molecules LLP.		
4	Bio-efficacy of IKI 3106 100DC on cabbage against diamond back moth (<i>Plutella xylostella</i>)	ISK Biosciences India Pvt. Ltd.	Completed	PI

5	Bio-efficacy studies on Velum Prime (Fuopyram 400SC) on brinjal	M/S Bayer Crop Science Ltd.	Completed	Co P.I
6	Bio-efficacy of Diflubenzuron 20% + Deltamethrin 2% SC against Shoot and Fruit Borer in Brinjal and <i>Spodoptera</i> spp & <i>Helicoverpa armigera</i> in Tomato	M/S Arysta Life Sciences. Ltd.	Completed	PI
7	Efficacy of Fluazaindolizine (Q8U80) 500SC for the management of root knot nematode on Water melon and Bittergourd crops	DuPont India Private Limited	Completed	PI
8	Bioefficacy evaluation of Acetamiprid 20% SP on Paddy against Brown Plant Hopper	Rainbow Agrosiences Pvt.Ltd.	Completed	PI
9	Bio-efficacy evaluation of Takumi (Flubendiamide) 20% WG against Fall Army Worm in Maize	Rallis India Limited.	Completed	PI
10	Evaluation of Fluensulfone 2% GR (NIMITZ) against root knot nematodes in carrot	ADAMA India Private Limited.	Completed	PI
11	Bio-efficacy evaluation of new insecticide FA-2 on Rice against Stem borer, Leaf folder & Plant hopper	Sulphur Mills Limited.	Completed	PI
12	Demonstration trial of Fluensulfone (NIMITZ 2GR) on Cucumber, Guava and Pointed Gourd	ADAMA India Ltd.	Completed	Co P.I
13	Bio-efficacy of Velum prime (Fluopyram 400 sc) against root knot nematode on tomato and cucumber applied through drip irrigation	M/S Bayer Crop Sciences Ltd.	Completed	Co P.I
14	Efficacy of FIN21-02 against Root knot nematodes in Cucumber	FMC India Private Limited.	Completed	PI
15	Efficacy Evaluation of Fluopyram 400 g/l SC (Velum Prime) on Rice crop against Root Knot Nematode and Rice White Tip nematode	M/S Bayer Crop Sciences Ltd.	Completed	PI
16	Efficacy Evaluation of Fluopyram 400 g/l SC (Velum Prime) on Carrot against Root Knot Nematode (<i>Meloidogyne</i> sp.)”.	M/S Bayer Crop Sciences Ltd.	Completed	PI
17	Efficacy Evaluation of Fluopyram 400 g/l SC (Velum Prime) on Guava against Root Knot Nematode (<i>Meloidogyne</i> sp.)	M/S Bayer Crop Sciences Ltd.	Ongoing	PI
18	Evaluation of bio-efficacy and Phytotoxicity of F 500 50% SG in Chill	M/S Mahamaya Life Science Pvt. Ltd.	Ongoing	PI
19	Harvest residue trial of XDE120 240SC in rice	Corteva Agriscience India Pvt. Ltd.	Ongoing	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 (Bulleed list):

- “Prof. Kachan Baral Best Young Scientist Award-2023” conferred during 3rd Biotic Science congress 2023 and International Conference on “Advancement in Plant Health Research-Retrospect & Prospect” held during 7th to 8th December, 2023 at Visva Bharati, West Bengal

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

20. PUBLICATIONS

A. BOOKS

- Matiyar Rahaman khan, Gautam Chakraborty and **Shanowly Mondal** (2015) Nematodes problem in crops and their management in West Bengal (Book in Bengali version). Directorate of Research BCKV. Pp 1-30.

B. RESEARCH PAPERS (Best 10)

- M.L.Chatterjee and **Shanowly Mondal**. 2012.Sustainable Management of Key Lepidopteran Insect Pests of Vegetables. *Acta Hort.*958: 147-153.
- **S. Mondal (Ghosh)**, A.Kar and G. Chakraborty.2017. Management of root-knot nematode, (*Meloidogyne incognita*) on okra through bioagents. *Current Nematology*. 28(2): 1-6.
- Gautam Chakraborty, **Shanowly Mondal (Ghosh)**, Anamika Kar, Kushal Roy and Aniruddha Pramanik. 2018. A Way to Deal with the Root-knot Nematode (*Meloidogynegraminicola*) in Transplanted Rice of West Bengal. *International Journal of Agriculture, Environment and Biotechnology*. 11 (1): 217-222.
- **S Mondal (Ghosh)**, A Kar and G Chakraborty.2020 Efficacy of some bioagents in managing root-knot nematode,*Meloidogyne incognita* in Bittergourd. *Indian Journal of Plant Protection* . 48(1&2) :108-112.
- Gudipati Naveen and **Shanowly Mondal (Ghosh)**. 2020. Efficacy of some insecticides against gram pod borer *Helicoverpa armigera* on chickpea. *Indian Journal of Entomology* 82(3): 515-518.

- Gautam Chakraborty, Ayan Das and **Shanowly Mondal (Ghosh)**.2021. Efficacy of a new combination insecticide against rice brown plant hopper *Nilaparvata lugens* (stal). *Indian Journal of Entomology*.Online published Ref. No. e20403 DoI No.: 10.5958/0974-8172.2021.00102.4
- **S.Mondal (Ghosh)**, Khumbar Debbarma, G. Chakraborty.2021. Estimation of Yield Loss of Cowpea, [*Vigna unguiculata* (L.) Walp.] with Reaction Response of Few Genotypes against Root Knot Nematode, *Meloidogyne incognita* (Kofoid and White), Chitwood. *Legume Research*.Online published. Ref No. 10.18805/LR-4514
- Amit Gope, Gautam Chakraborty , **Shanowly Mondal Ghosh** , Sayan Sau , Krishnendu Mondal , Abhisek Biswas , Sukamal Sarkar , Pijush Kanti Sarkar and Debashis Roy.2022. Toxicity and Sublethal Effects of Fluxametamide on the Key Biological Parameters and Life History Traits of Diamondback Moth *Plutella xylostella* (L.)*Agronomy*. Online published 12,1656.<https://doi.org/10.3390>
- Amit Gope, Gautam Chakraborty , **Shanowly Mondal Ghosh** , Sayan Sau , Krishnendu Mondal , Abhisek Biswas , Sukamal Sarkar , Pijush Kanti Sarkar and Debashis Roy.2022. Toxicity and Sublethal Effects of Fluxametamide on the Key Biological Parameters and Life History Traits of Diamondback Moth *Plutella xylostella* (L.)*Agronomy*. Online published 12,1656.<https://doi.org/10.3390>
- Sujan Biswas, Shantanu Bista, Debashis Roy, **Shanowly Mondal (Ghosh)**, Suddhasuchi Das, Subhadip Kar and Gautam Chakraborty. 2025. Exploring the effect of novel non-fumigant nematicides on the biological interaction between *Meloidogyne incognita* and pointed gourd (*Trichosanthes dioica* Roxb.) for sustainable management of plant-parasitic nematode. *Journal of Agriculture and Food Research*. <https://doi.org/10.1016/j.jafr.2025.101800>

Shanowly Mondal (Ghosh)

19.05.2026

Signature with Date