

RESUME

NAME: DR. GAUTAM CHAKRABORTY

DESIGNATION: Professor

CONTACTS:

1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

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5.GOOGLE SCHOLAR

PROFILE:https://scholar.google.com/citations?view_op=list_works&hl=en&user=Y1sTnLUAAAJ

6.RESEARCHGATEPROFILE:https://www.researchgate.net/profile/Gautam-Chakraborty?ev=hdr_xprf

7.DATE OF BIRTH: 21/08/1976

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	Ph.D.(Agril. Entomology)	Bidhan Chandra Krishi Viswavidyalaya	2007
MASTER'S	M.Sc. (Agril. Entomology)	Do	2003
BACHELOR'S	B.Sc.(Ag.) Hons.	Do	1999

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Professor	Bidhan Chandra Krishi Viswavidyalaya	27.10.2017	Continuing
Associate Professor	Do	27.10.2014	26.10.2017
Lecturer in Senior Scale	Uttar Banga Krishi Viswavidyalaya	16.06.2010	26.10.2014
Jr. Entomologist (Lecturer)	Do	15.06.2006	15.06.2010

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	01.11.2015	02.12.2021
2.	Dean Students Welfare	21.07.2017	21.07.2020
3.	Dean Students Welfare	Sept, 2022	Jan, 2025

12. AREA OF RESEARCH : (Bulleted list)

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

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	AEN-155	Fundamentals of Entomology	2+1
	SEC (V)-211	Production Technology of Bioagents	0+2
	AEN-204	Pests of Crops and Storage and their Entomology	2+1
	AEN-354	Management of Beneficial Insects	1+1
	AEN (H)-355	Apiculture, Sericulture and Lac Culture	1+1
	AEN (H)-354	Pests of Vegetable, Ornamental and Spice Crops	2+1
POST GRADUATE	ENT-502	Insect Anatomy, Physiology and Nutrition	2+1
	ENT-553	Insect Pests of Horticultural Crops	1+1
	ENT-556	Plant Resistance to Insects	0+1
	ENT-557	Commercial Entomology	1+1
	ENT-608	Insect Pests of Economically Important Field Crops	2+1
	ENT-651	Insect Pathology	1+1
	ENT-657	Storage Entomology	1+1
Ph.D.	ENT-752	Advanced Insect Physiology	2+0

14. NUMBER OF STUDENTS SUPERVISED:

Master's : 7 Doctoral: 4

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Bio-efficacy evaluation of Emamectin Benzoate 5% SG on cabbage crop for the control of diamond back moth	M/S Rainbow AgroScience Pvt. Ltd.	Completed	PI

2	Bioefficacy studies on Velum Prime (Fluopyram 400 Sc) on brinjal	M/S Bayer Crop Science Ltd	Completed	PI
3	Bioefficacy of Fipronil 40% + Imidacloprid 40% WG against thrips, aphid, jassids, fruit borer of chilli and stem borer, leaf folder, BPH, WBPH & GLH on Paddy	M/S Gharda Chemicals Ltd.	Completed	PI
4	Bioefficacy evaluation of Bionematon (<i>Paecilomyces lilacinus</i>) in chilli, cucumber and okra.	M/S T Stanes & Company Ltd.	Completed	PI
5	On Farm Trial: Sulfoxaflor on Wheat & Mustard	Dow AgroScience	Completed	PI
6	Bio-efficacy of Sulfoxaflor 500 WG against mosquito bug, green fly and thrips. Its effect on natural enemies and phytotoxicity in Tea	Dhanuka Agritech Ltd.	Completed	PI
7	Evaluation of bio-efficacy of MAIRM-10 on paddy crop against brown plant hoppers as PI	M/S ADAMA India Pvt. Ltd.	Completed	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
1.	AGM of AICRP Nematode	2015	Kalyani	Organizer

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

- 1st Best Poster Award on International Symposium on Eco-efficacy in Agriculture and Allied Research, 2017
- 2nd Best Poster Award on national Symposium on Impact of Climate Change, Biodiversity and Good Plant Protection Practices on Crop Productivity, 2016.
- 2nd Best Poster Award on 12th National Symposium on Biotic Stress Management Strategies Challenges and Environmental Harmonization, 2017.
- Best poster award (3rd position) on the National seminar on “Agri-chemicals for a benign environment”, 2018

19. 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)

- D.Roy, **G.Chakraborty** and P.K.Sarkar.(2017). Comparative efficacy, non-target toxicity and economics of seven novel pre-mixed formulations against *Maruca testulalis* G. and *Aphis craccivora* K. infesting cowpea. *Journal of Environmental Biology*. 38 (4): 603-609
- **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.

- Suprakash Pal, Rupsanatan Mandal, Indrajit Sarkar, Tulsī Saran Ghimiray, Binay Raj Sharma, Ayon Roy, Suvendu Kumar Roy, **Gautam Chakraborty** and Sabyasachi Mitra. (2017). Species Diversity and Community Structure of Arthropod Pests and Predators in Flax, *Linum usitatissimum* L. from Darjeeling (India). *Brazilian Archives of Biology and Technology*. 60:1-9
- Debashis Roy, Sarkar, P.K., Dibyendu Mondal and **Chakraborty, G.** (2018). Role of abiotic factors on population build up of arthropods fauna in okra ecosystem under gangetic alluvial plain of west Bengal. *International Journal of Advanced Biological Research*. 8(1): 13-18.
- Roy D, **Chakraborty G**, Biswas A, Sarkar PK (2020). Antixenosis, tolerance and genetic analysis of some rice landraces for resistance to *Nilaparvata lugens* (Stål.). *Journal of Asia-Pacific Entomology*, <https://doi.org/10.1016/j.aspen.2020.10.012>.
- **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>
- Roy, D., Sau, S., Adhikary, S., Biswas, A., Biswas, S., **Chakraborty, G.**, & Sarkar, P. K. (2023). Resistance risk assessment in diamondback moth, *Plutellaxylostella* (L.) to fluxametamide. *Crop Protection*, 163, 106101.
- 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>



Signature with Date