

RESUME

NAME : Dr. Krishna Karmakar

DESIGNATION : Professor

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• OFFICIAL ADDRESS FOR CORRESPONDENCE:

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• GOOGLE SCHOLAR PROFILE: _____

• RESEARCHGATE PROFILE: <https://www.researchgate.net/profile/Krishna-Karmakar>

• DATE OF BIRTH: __01__ / __01__ / __1964__

• DATE OF JOINING TO THE UNIVERSITY: __25__ / __09__ / __1991__

• ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph.D. in Entomology	BCKV	1997
MASTER'S	M. Sc.(Ag.) in Entomology	BCKV	1988
BACHELOR'S	B. Sc.(Ag.) in Agriculture	BCKV	1986

• EMPLOYMENT HISTORY:(Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor	BCKV	25.09.1991	21.10.1997
Associate Professor	BCKV	22.10.1997	24.09.2008
Professor	BCKV	25.09.2008	Continuing

• ADMINISTRATIVE POST(S)/ RESPONSIBILITY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	Teacher-in-Charge Examination BCKV, UBC	26.09.97	20.10.2000
2.	Officer-in-Charge, AINP on Agril. Acarology	21.10.2007	24.05.2016
3.	Assistant Registrar-I BCKV, Mohanpur	18.05.2017	15.11.2017
4.	Head of the Department of Agril. Entomology	20.01.2019	15.02.2023

- **AREA OF RESEARCH : (Bulleted list)**
 - Taxonomy of mites
 - Population dynamics and management of insects and mite pests
 - Biological control of insect and mite pests of crops

• **COURSES ASSOCIATED WITH:**

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	AEN-154	i) Fundamentals ..Entomology II	2+1
	AEN-214	ii) Biological control....	2+1
	EC-314	iii) Biocontrol ... Management	2+1
	EC-364	iv) Non-insect Pests of Crops ...	2+1
	ELP-457	v) Experiential learning on sericulture	
POST GRADUATE	ENT-504	i) Insect Ecology & IPM	2+1
	ENT-505	ii) Adv. Ent. Techniques	1+1
	ENT-551	iii) Biological	2+1
	ENT-554	iv) Agricultural Acarology	1+1
	ENT-604	v) Acarine Pests of Crops	1+1
	ENT-653	vi) Pests of Public Health ...	1+1
Ph.D.	ENT-701	i) Advance Insect Ecology	2+0
	ENT-704	ii) Acarine Taxonomy	2+1
	ENT-753	iii) Advanced Biological Control	1+1
	ENT-999	iv) Seminar III	1+0

• **NUMBER OF STUDENTS SUPERVISED:**

Master's 24 (Twenty four)

Doctoral 12 (Twelve)

• **PROJECT ACTIVITIES**

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Study on indiscriminate.....	NIPHM, GOI	Completed	PI
2	Evaluation of RIL-225/F1.....	Rallis India Ltd.	Completed	PI
3	Evaluation Tetraniliprole + S.	Bayer Crop Sc. Ltd.	Completed	PI
4	Evaluation Tetraniliprole 240 + Fipronil 240.....	Bayer Crop Sc. Ltd.	Completed	PI
5	Evaluation BAS 441011 SC...	BASF India Limited.	Completed	PI
6	Evaluation PDP 60 on paddy..	Seedlings India Pvt.	Completed	PI
7	Testing of.. UPFI 115 in Okra	UPL House	Completed	PI

• **CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME ORGANIZED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Training organised to develop officers and farmers capacity building of crop protection	1-2 days	BCKV	Teaching

• **SEMINAR/ SYMPOSIUM/ WORKSHOP etc**
ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	International Symposium-cum workshop in Acarology in Association with Acarology Development Foundation, USA	8-10 th April 2010	BCKV, Kalyani	Organizing Secretary
2.	Taxonomy and Management of Mite and Insect Pests of Economic Importance	13-14 th March 2013	BCKV, Mohanpur	Organizing Secretary
3.	Organised an online International seminar on mites "Acari talks"	29th July 2021	BCKV, Mohanpur	Organizing Secretary

• **PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):**

- A provisional filing of patent on “Mass production, transportation and field release technique of predatory mite, *Neoseiulus longispinosus* (Evans)” has been done.
- The best poster award obtained at the National Seminar on “Coastal Resources & their Sustainable Management: Issues & Strategies” organized by BCKV, Mohanpur-741252, West Bengal during November 24-27, 2005.
- The best poster award obtained at the National Seminar on “Integrated production and Post-Harvest Management of Tropical Fruits” Organized by BCKV, Mohanpur, Nadia, West Bengal, during April 11th – 12 th , 2006.
- The best poster award obtained at the “*National Symposium on climate change, plant protection & food security interface*” organized by Association for Advancement in Plant Protection on December 17 to 19th, 2009, at Lake Hall, BCKV, Kalyani, West Bengal.
- Special Recognition Award for Organizing the Acarology Meeting on Taxonomy during April 8-10, 2010 at BCKV, Kalyani, India, in Association with Acarology Development Foundation, West Bloomfield, Michigan, USA.
- The best poster award obtained at the “*International Symposium cum Workshop in Acarology*” organized at Lake Hall, BCKV, Kalyani, West Bengal during April 8-10, 2010.
- Certificate of Award “Dr. H. Nagaraja Memorial Award for outstanding contribution to insect systematics including mites and spider” organized by ICAR-NBAIR & Society for Biocontrol Advancement Bangalore during 15-17 December 2022.

• **INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):**

- Collaborative research work on Taxonomy of Phytoseiidae mites with “Escola Superior de Agricultura Luiz de Queiroz”, USP, Piracicaba Brazil.
- Collaborative research work on Taxonomy of Tetranychid with Unit for Environmental Sciences and Management, Potchefstroom Campus, North-West University, South Africa

• **PUBLICATIONS**

A. BOOKS

- P. Hazra, A. Chattopadhyay, **K. Karmakar** and S. Dutta (2011). Modern Technology in Vegetable Production. *New India Publishing Agency*, Pitam Pura, New Delhi-110088, 413pp.

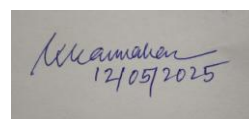
B. RESEARCH PAPERS (Best 10)

- Anamika Kar & Krishna Karmakar (2022). Description of nine new species of phytoseiid mites (Acari: Mesostigmata) from Sikkim, a north eastern States of India, *Zootaxa*, 5182 (3): 201–237, <https://doi.org/10.11646/zootaxa.5182.3.1>
- Priyankar Mondal & Krishna Karmakar (2023). A new species of *Daidalotarsonemus* from Eastern India with re-description of *D. duolamella* Lin, Chen & Zhang, 1998 (Acari:

Tarsonemidae) and keys to the Oriental species, *Biologia*, Volume 78: 129–140, <https://doi.org/10.1007/s11756-022-01245-x>

- Moumi Ganguly & Krishna Karmakar (2022). Two new species of *Steneotarsonemus* (Acari: Tarsonemidae) from the Himalayan forests of West Bengal, India. *Systematic & Applied Acarology*, 27(12): 2476–2492, <https://doi.org/10.11158/saa.27.12.7>
- Sandipan Kayal & Krishna Karmakar (2022). Description of a new species of *Fungitarsonemus* (Acari: Tarsonemidae) from West Bengal, India, *International Journal of Acarology*, 48:8, 628–636, <https://doi.org/10.1080/01647954.2022.2156602>
- Priyanka Mondal, Krishna Karmakar, Moumi Ganguly, Debamitra Chatterjee, & Sunil Kumar Ghosh (2023) Diversity and host specialization of Tarsonemini mites (Acari, Tarsonemidae)—Investigations in the agroclimatic zones of West Bengal, Eastern India. *Journal of Insect Biodiversity and Systematics*, 9 (2), 265–282, <https://doi.org/10.52547/jibs.9.2.265>
- Shubhadeep Biswas & Krishna Karmakar (2023): Descriptions of five new species of phytoseiid mites (Acari: Mesostigmata) from Andaman and Nicobar Islands, *International Journal of Acarology*, 49:1, 34–48, <https://doi.org/10.1080/01647954.2023.2178504>
- Pritha Bandyopadhyay, Krishna Karmakar & Bruce Halliday (2023). Checklist of Indian mites in the family Laelapidae (Acari: Mesostigmata), *Zootaxa*, 5249 (4): 401–424, <https://doi.org/10.11646/zootaxa.5249.4.1>
- Sandipan Kayal & Krishna Karmakar (2023). Description of two new species of *Xenotarsonemus* (Acari: Tarsonemidae) from West Bengal, India with world keys, *Biologia*, 78: 2423–2433, <https://doi.org/10.1007/s11756-023-01373-y>
- Sandipan Kayal & Krishna Karmakar (2023). Description of two new species of genera *Fungitarsonemus* and *Xenotarsonemus* (Acari: Tarsonemidae) from West Bengal, India, *International Journal of Acarology*, 49:3–4, 203–213, <https://doi.org/10.1080/01647954.2023.2233518>
- Shubhadeep Biswas & Krishna Karmakar (2024). Two new species of *Gynaeseius* (Acari: Phytoseiidae) from Andaman and Nicobar islands and a complementary description of *Gynaeseius santosoi*, with a key to the world species of the genus, *Biologia*, 79:73–86, <https://doi.org/10.1007/s11756-023-01498-0>
- Sandipan Kayal & Krishna Karmakar (2024). Description of two new species of *Tarsonemus* (Acari: Tarsonemidae) from the Southern Plateau and Hill Region of India, *Biologia*, 79:135–153, <https://doi.org/10.1007/s11756-023-01509-0>
- Shubhadeep Biswas, Krishna Karmakar, Anamika Kar, Manmeet Brar Bhullar & Paramjit Kaur (2024). Descriptions of three new species of phytoseiid mites (Acari: Mesostigmata) from Punjab, India with keys to the world species of the genus *Paraphytoseius* Swirski & Schechter, 1961, *Biologia*, 79:863–877, <https://doi.org/10.1007/s11756-023-01582-5>
- Sandipan Kayal & Krishna Karmakar (2024). Description of two new species of genera *Daidalotarsonemus* and *Floridotarsonemus* (Acari: Tarsonemidae) from West Bengal, India, *Systematic & Applied Acarology* 29(1): 125–142, <https://doi.org/10.11158/saa.29.1.9>

- Soumita Bera, Sandipan Kayal & Krishna Karmakar (2024). Taxonomic notes on genus *Tarsonemus* (Acari: Tarsonemidae) with description of two new species from West Bengal, India, *Systematic & Applied Acarology* 29(7): 773–793, <https://doi.org/10.11158/saa.29.7.2>
- Shubhadeep Biswas & Krishna Karmakar (2024). A new species of *Paraphytoseius* Swirski & Schechter (Mesostigmata: Phytoseiidae) with redescription of *Phytoscutus salebrosus* (Chant) and *Typhlodromips syzygii* (Gupta) from Andaman & Nicobar Islands, India. *International Journal of Acarology*, 50:8, 644–657, <https://doi.org/10.1080/01647954.2024.2390993>
- Subhra Samanta, Krishna Karmakar & Edward A. Ueckermann (2024). New records and re-description of *Tetranychus merganser* Boudreaux, 1954 and *Tetranychus megauncinatus* Feres and Flechtman, 1986 (Acari: Tetranychidae) from West Bengal, India. *Rec. zool. Surv. India*: Vol. 124(1)/25–32, <https://recordsofzsi.com/index.php/zsoi/article/view/172789>
- Anamika Kar, Olivia Chism, Krishna Karmakar & Prakash Patil (2024). Eriophyid mite *Tegolophus indica* Chakrabarti and Mondal (Acari: Prostigmata) a damaging pest of jackfruit in West Bengal, India. *International Journal of Tropical Insect Science*, Vol. 44, 2825–2832, <https://doi.org/10.1007/s42690-024-01378-3>
- Shubhadeep Biswas & Krishna Karmakar (2024). Two new species of phytoseiid mites (Mesostigmata: Acari) from Andaman and Nicobar Islands with complementary description of *Proprioseiopsis nemotoi* Ehara & Amano, 1998. *Journal of Asia-Pacific Entomology*, <https://doi.org/10.1016/j.aspen.2024.102331>
- Subhra Samanta, Krishna Karmakar & Edward A. Ueckermann (2024). Description of a new species of tetranychid mite and redescription of *Oligonychus sapienticolus* Gupta, 1976 (Acari: Prostigmata: Tetranychidae) from India. *Rec. zool. Surv. India*: Vol. 124(2)/103–111, <https://recordsofzsi.com/index.php/zsoi/article/view/172807>
- Shubhadeep Biswas & Krishna Karmakar (2025). Three new species of *Euseius* (Mesostigmata: Phytoseiidae) from Tamil Nadu, India, with redescription of *Euseius ovalis* and key to the Indian species. *Zootaxa*, 5570(2): 281–308, <https://doi.org/10.11646/zootaxa.5570.2.3>
- Subhra Samanta, Suvash Chandra Bala, Krishna Karmakar & Edward A. Ueckermann (2025). Two new records with complementary description of four species of *Tetranychus* Dufour, 1832 (Acari: Tetranychidae) from West Bengal, India. *Rec. zool. Surv. India*: Vol. 124(4)/329–340, <http://DOI: 10.26515/rzsi/v124/i4/2024/172827>
- Sandipan Kayal, Soumita Bera & Krishna Karmakar (2025). Description of two new species of *Tarsonemus* (Acari: Tarsonemidae) from India, *Systematic & Applied Acarology* 30(3): 528–543, <https://doi.org/10.11158/saa.30.3.4>



Dr. Krishna Karmakar, Professor & Former Head

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