

RESUME

NAME: SUVASH CH. BALA

DESIGNATION: ASSISTANT 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=jDTD5nAAAAAJ

6. **RESEARCHGATE PROFILE:** <https://www.researchgate.net/profile/Suvash-Bala>

7. **DATE OF BIRTH:** 10th March, 1977

8. **DATE OF JOINING TO THE UNIVERSITY:** 04th June, 2014



9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph. D. (Agricultural Entomology)	B.C.K.V.	2008
MASTER'S	M.Sc. (Agriculture) in Agricultural Entomology	B.C.K.V.	2001
BACHELOR'S	B. Sc. (Agriculture) Hons.	B.C.K.V.	1999

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor	Vice-Chancellor, BCKV	04.06.2014	Continuing
Assistant Teacher	Gobindapur Kalicharan High School (H.S), Diamond Harbour, 24 PGS (S)	19.09.2009	03.06.2014
Assistant Teacher	Chakkendua Vidyasagar Vidyayatan High School, Maheshtala, Kolkata	14.07.2009	15.09.2009
Young Scientist	Vivekananda Institute of Biotechnology, Nimpith, 24 PGS (S)	01.09.2006	12.09.2008

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

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	Junior Acarologist, All India Network Project on Agril. Acarology, ICAR, Govt. of India	4 th June, 2014	Continue
2.	Acting as Part-time Provost for the Nazrul Abas	9 th March, 2015	20 th June, 2021
3.	Officer In-charge on All India Network Project on Agril. Acarology, ICAR, Govt. of India	15 th September 2020	23 th July 2021
4.	Associate Scientist on AICRP on Honey Bees and Pollination	25 th July 2016	Unto 2021

12. AREA OF RESEARCH :

- Agricultural Acarology
- Nematology
- Economic Entomology

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	AEN 354	Management of Beneficial Insect	1+1
	ELP- 455	Commercial Apiculture	0+10
	ELP-457	Commercial Sericulture	0+10
	ENT 602	Soil arthropods & their Management	1+1
POST GRADUATE	ENT 606	Nematode Taxonomy	1+1
	ENT 802	Advance Nematode Taxonomy	1+1
	ENT 557	Commercial Entomology	1+1
Ph.D.	ENT 802	Advance Nematode Taxonomy	1+1
	ENT-754	Advance Nematological Technique	0+2

14. NUMBER OF STUDENTS SUPERVISED:

Master's. Total = 10 and Doctoral: Total = 2 (1 Thesis submitted and 1 Pursuing)

15. RESOURCE PERSON FOR OTHER INSTITUTES

- ❖ Acting as resource person and delivered lecture on 'Beekeeping and its management to Rural Youth' organized by Director of Extension, BCKV held on 29.2.2016 and 04.3.2016.

- ❖ Acting as resource person and delivered lecture on 'Beekeeping and its impact on crop yield' organized by Nimpith KVK, 24 PGS (S) on 26th May, 2016
- ❖ Acting as resource person and delivered lecture in 'Nematode Awareness Programme' organized by officer In-charge AICRP on nematodes in cropping system (ICAR) on 31st March, 2016.
- ❖ Acted as external examiner at OUAT, Chiplima, Odisha "Crop nematode management (NEM-212)" on 9th to 10th January, 2017.
- ❖ Preparation of question paper (Two sets) on 'Insect pests of Vegetable, Ornamental and Spice Crops' for Dr. YSR Horticultural University, Andhra Pradesh.
- ❖ Acting as resource person and delivered lecture on 'Beekeeping and its impact on Agriculture' organized by ATMA Kharibari Block, Darjeeling from 15th to 16th February, 2017.
- ❖ Acting as resource person and delivered lecture as an expert in farmer's scientist interaction of 'Nematode Awareness Day' jointly organized by District Horticulture office 24 PGS (North) and AICRP on nematodes in cropping system on 7th July, 2018.
- ❖ Participated as a resource person in farmer's scientist interaction on Productivity enhancement of pulses for food and nutritional security, improve livelihood and restoring soil fertility in drought prone areas of West Bengal organized by ATMA project Govt. of West Bengal and BCKV at FACC, Kalyani on 26th March, 2019.
- ❖ Participated as a resource person in Farmer's Scientist interaction on Productivity enhancement of Pulses for Food and Nutritional security, improve livelihood and restoring soil fertility in drought prone areas of West Bengal organized by ATMA project Govt of West Bengal and BCKV at FACC, Kalyani from 06th to 7th November, 2019.
- ❖ Acting as resources person of DAESI Programme at Netaji Subhas Regional Institute of Cooperative Management, Kalyani since 2021.
- ❖ Organized 'Sub Tribal Training Programme' with joint collaboration of ICAR Acarology and AINP on Agril. Acarology, BCKV unit at Muktarpur, Burdwan (E) on 6th March, 2021 and delivered lecture on 'Mite pest problems in West Bengal'.
- ❖ Participated as a resource person in Farmer's Training Cum Nematode Awareness programme organized by AICRP on nematodes in cropping system, BCKV at Chandamari, Kalyani, Nadia, on 22th February, 2024
- ❖ Acted as Examiner for conducting DAESI final examination on 8th March, 18th & 19th April 2024.

16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

- Life Member of 'Crop and Weed Science Society'
- Life Member of 'Society for Fertilizers and Environment'

- Life time member of Scientific and Technical Research Association (Eurasia Research)

17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETE D	PI/ Co-PI
1.	Evaluation of Carbofuran 3%CG against leaf miner and citrus nematode	ADAMA India Private Ltd.	Completed	PI
2.	Bio-efficacy evaluation of coded combination product IIL-DIFACE on chilli and cotton crop	Insecticides India Ltd	Completed	PI
3.	Bio-Efficacy of T.Stances Bio-Pesticides <i>Verticilliumlecani</i> on whitefly in Tomato, <i>B. bassiana</i> on fruit borer in Tomato and <i>M. anisopliae</i> on BPH on Rice	T. Stances Company Ltd.	Completed	PI
4.	Evaluation of BCS AR83685 SC 400 against Nematode-Fungus wilt Complex in Banana and Root knot nematode in Cucumber	Bayer CropScience Ltd.	Completed	PI
5.	Evaluation of Chlorfenapyr 10% SC in Chilli against yellow mite	Parijat Industries (India) Pvt. Ltd.	Completed	PI
6.	Phytotoxicity and effect on parasites & predators and Cost: Benefit ratio of Diafenthiuron 30% + Pyriproxyfen 8% SE in cotton and chilli crops	Parijat Industries (India) Pvt. Ltd.	Completed	PI
7.	Bio-efficacy of coded product PIPL-1140 against bollworm and sucking pest complex in Cotton	Parijat Industries (India) Pvt. Ltd.	Completed	PI
8.	Bio-efficacy, Phyto-toxicity and effect on natural enemies of Emamectin benzoate 5% SG on Brinjal against fruit and shoot borer	Rainbow Agrosiences Pvt. Ltd.	Completed	PI
9.	Bio-efficacy of coded product IKI-3106 100DC against Pod borer in Chickpea	ISK Biosciences India Pvt. Ltd.	Completed	PI
10.	Bio-efficacy evaluation of fungicide 'UPFI 115' as a seed treatment against	UPL Pvt. Ltd.	Completed	PI

	soil & seed borne diseases and insect pests in Wheat			
11.	Bio-efficacy evaluation of Tetraniliprole 40 g/L + Spirotetramat 80 g/L SC against fruit borer, mite and whitefly in Chilli	Bayer CropScience Ltd.	Completed	PI
12.	Bio-efficacy evaluation of coded insecticide CCP-003G against Root Knot nematode and Reniform nematode in Brinjal	Crystal Crop Protection Ltd	Completed	PI
13.	Bio-efficacy and phytotoxicity evaluation of Bifenthrin 10% EC against stem borer, leaf folder and green leaf hopper in Rice	Rainbow Agro sciences Pvt. Ltd	Completed	PI
14.	Bio-efficacy and phytotoxicity evaluation of Chlorantraniliprole 625 g/L FS(Lumivia) against stem borer and leaf folder in direct seeded Rice	DuPont India Private Limited	Completed	PI
15.	Bio-efficacy and phytotoxicity evaluation of Tetraniliprole + Fipronil 480FS as seed treatment of corn against fall armyworm, stem borer and shoot fly	Bayer CropScience Ltd.	Completed	PI
16.	Bio-efficacy and phytotoxicity evaluation of LG-1 against Mango hopper on Mango	Sulphur Mills Limited	Completed	PI
17.	Bio-efficacy and phytotoxicity evaluation of GPI 818 (Granular insecticide) against early shoot borer and top shoot borer in Sugarcane	UPL Limited	Completed	PI
18.	Bio-efficacy evaluation of LG-1 against stem borer, leaf folder and brown plant hopper in Rice'	Sulphur Mills Limited	Completed	PI
19.	Bio-efficacy evaluation of GPI 1820 against early shoots borer, termite and white grub in Sugarcane	UPL Limited	Completed	PI
20.	Bio-efficacy evaluation of FIN21-01 against pod borer, <i>Maruca vitrata</i> , <i>Spodoptera litura</i> and <i>Helicoverpa armigera</i> in Blackgram	FMC India Pvt. Ltd.	Completed	PI
21.	Bio-efficacy and Phytotoxicity evaluation of BAS-44101 ISC against	BASF India Limited	Completed	PI

	leaf minor, whitefly, aphid, leaf hopper, thrips and spider mite in Tomato			
22.	Bio-efficacy and phytotoxicity evaluation of Abamectin 1.9 % EC against two spotted spider mite in Rose	Penshibao Wang Pvt. Ltd.	ongoing	PI

18. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	'Taxonomy of Insects and Mites' ICAR sponsored Niche Area of Excellence Project on Capacity Building in Taxonomy of Insects and Mites	3 rd to 23 rd February, 2015 (21 days)	University of Agricultural Sciences, Bangalore	Participant
2.	Pest Surveillance	16 th to 20 th July, 2018	NIPHM, Hyderabad	Participant
3.	Workshop on 'DNA Barcoding & Genetic Diversity'	17 th Sept. to 1 st October, 2019 (15 days)	University of Kalyani, West Bengal	Participant
4.	Technology interventions towards transformation of Agriculture, Sericulture, Animal husbandry and Allied Sectors to sustainable Enterprises for Atmanirbhar Bharat	11 th to 31 th October, 2020 (21 days)	Zoom Video Conferencing App)	Participant
5.	'Pesticide Application Techniques and Safety Measures'	13 th to 17 th September, 2021	National Institute of Plant health Management Hyderabad	Participant
6.	'Identification of plant associated mites'	8 th to 13 th January, 2024	UAS, GKVK, Bangalore	Participant

19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	National Seminar on "Sustainable Agriculture for Food Security and Better Environment"	17 th to 18 th December, 2015	Farmers' Academy and Convention Centre, BCKV	Presenter

2.	National Symposium on “Nematode Management: A Challenge to Indian Agriculture in the Changing Climate”	8 th to 10 th January, 2015	YASHADA, Baner Roar, Pune, India	Presenter
3.	International Conference on “Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: The Technology, People and Sustainable Development”	13 th to 14 th August, 2016	Farmers' Academy and Convention Centre, BCKV	Presenter
4.	National Symposium “Challenges towards Plant Health under Changing Climate Scenario for Sustainable Agriculture”	24 th to 26 th November, 2016	Farmers' Academy and Convention Centre, BCKV	Presenter
5.	National Symposium on “Impact of Climate Change, Biodiversity and Good plant Protection Practices for Crop Productivity”	22 th to 23 th December 2016	Farmers' Academy and Convention Centre, BCKV	Presenter
6.	International Symposium on “Eco-Efficiency in Agriculture & Allied Research (EEAAR 17)”	20 th to 23 th January, 2017	FACC, BCKV. Kalyani	Presenter
7.	7 th International Science Congress (ISC-2017)	8 th to 9 th Dec, 2017	Phuentsholing Bhutan	Presenter
8.	International conference on “Contemporary Issues in Integrating Climate-The Emerging Area of Agriculture, Horticulture, Biodiversity, Forestry; Engineering Technology, Fundamental/ Applied Science and Business Management for Sustainable Development (AGROTECH-17)”	11 th to 12 th May, 2017	Kalimpong Science Centre	Presenter
9.	National Symposium on “Agriculture and Food Production Today and Tomorrow”	22 nd to 24 th February, 2017	Institute of of Agricultural Science, University of Calcutta	Presenter
10.	National Conference on “Innovation Farming for Food and livelihood Security in changing climate”	12 th to 13 th January 2018	Farmers' Academy and Convention Centre BCKV	Presenter
11.	International Conference on “Agriculture and Allied Sciences: The Productivity, Food Security and Ecology”	13 th and 14 th August, 2018	Farmers' Academy and Convention Centre BCKV	Presenter
12.	International Conference on “Livelihood Promotion, Bio-diversity Conservation and Social Security in Indian Sundarbans”	7 th to 9 th December, 2018	Jharkhali, 24 Parganas (S), West Bengal	Presenter

13.	3 rd ICSTR International Conference on “Science & Technology Research”	26 th to 27 th Feb, 2019	Flora Grand Hotel, United Arab Emirates	Presenter
14.	2 nd ICSTR Bali – International Conference on Science & Technology Research	11 th to 12 th July, 2019	Ibis Bali Kuta, Bali, Indonesia	Presenter
15.	3 rd International Conference “Global Initiatives in Agricultural and Applied Sciences for Eco Friendly Environment (GIASE-2019)”	16 th to 18 th June, 2019	Tribhuvan University, Nepal	Presenter
16.	International seminar on “Agri skills for Convergence in Research, Industry& Livelihood (ACRIL)”	28 th to 1 st December, 2019	Farmers' Academy and Convention Centre BCKV	Presenter
17.	International Conference on "Agriculture, Forestry & Life Sciences" (ICAFSL-20)	6 th February 2020,	Male Maldives	Presenter
18.	International Conference on “Integrated Approaches towards Sustainable Management of Environment for Safe Food, Nutrition and Improved Health”	15 th to 17 th December, 2021	University of Kalyani	Presenter
19.	6 th CWSS International Conference on “Agricultural Innovations for Sustainable Development Goals with Special Focus on Natural Farming” (AISDGONF-2023)	10 th to 12 th March, 2023	Farmers' Academy and Convention Centre , BCKV	Presenter
20.	XIV th Group meeting “AINP on Agril. Acarology”	20 th to 24 th April, 2016	Assam Agril. University, Jorhat	Participant
21.	XV th Group meeting “AINP on Agril. Acarology”	10 th to 12 th Decem, 18	FACC, BCKV	Organizer (convenor)
22.	XVI th Group meeting “AINP on Agril. Acarology”	24 th July, 2020	Online	Presenter
	XVII th Group meeting “AINP on Agril. Acarology”	7 th July 2021	Online	Presenter
23.	XVIII th Group Meeting “AINP on Agril. Acarology”	24 th June, 2022	UAS, Bangalore	Participant
24.	XIX th Group Meeting “AINP on Agril. Acarology”	22 nd to 23 rd August, 2023	Navsari Agril. University, Gujarat	Participant
25.	XII Annual Group Meeting (AGM) of All India Coordinated Research Project on Nematodes in Cropping System (ICAR)	6-7 th July 2015	FACC, BCKV	Organizing member

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

- ❖ Received best oral presentation award from International conference (2017) on Contemporary issue in Integrating Climate-The Emerging Area of Agriculture, Horticulture, Biodiversity, Forestry; Engineering Technology, Applied Science and Business Management for Sustainable Development (AGROTECH-2017) Organised by Himalayan Scientific Society for Fundamental and Applied Research in collaboration with Kalimpong Science Centre, Kalimpong and UBKV.
- ❖ Best Research paper award received from the esteemed journal 'International Journal of Agricultural Science and Research' in 2016

21. PUBLICATIONS

A. MANUAL

S. Jha, S. and Bala, S.C. (2017). Bee keeping manual for Experiential Learning programme on commercial Apiculture, BCKV; pp. 1-93.

B. BOOK CHAPTERS

- ❖ Ghosh, S. K and Bala, S.C (2020). Formulation of Integrated Pest Management (IPM) programme for major vegetable crops under sub-Himalayan region of North East India. In: Integrated Pest Management an applied perspective (eds. Hasan, W., Singh, H., Naz, H., Swami, S., and Singh, P.C.) biotech. PP175-186. ISBN 978-81-7622-472-7.
- ❖ Karmakar, K. Bala, S. C., and Ghosh, S.K. (2018). Booklet published "Mites of jute, coconut & vegetables and their management" in Bengali language and published in XVth group meeting in AINP on Agril. Acarology held on 10 to 12th December, 2018 at Farmers' Academy and Convention Centre, BCKV.

C. RESEARCH PAPERS (Best 10)

Bala, S. C., Khan, M.R and Mukhopadhyay, A. K. (2016). Population dynamic and Survival of Foliar nematode (*Aphelenchoides besseyi*) on tuberose in field. Indian Journal of Nematology. Vol.46, No.2, pp. 97-101.

Bala, S.C., Mukhopadhyay, A.K. and Khan, M. R. (2016). Dipping of Tuberose Bulbs in Carbosulfan 25 EC for Control of Foliar nematode (*Aphelenchoides besseyi*). Indian Journal of Nematology. Vol.46, No.1, PP1-6.

- Bala, S.C. and Nihal. R. (2018). Field evaluation of tuberose cultivars and symptom manifestation caused by foliar nematode, *Aphelenchoides besseyi* in tuberose. International Journal of Current Microbiology and Applied Science. 7(3): 1364-1370.
- Bala, S.C., Nihal R. and Khan, M.R. (2019). Pathogenicity and population dynamics of foliar nematode, *Aphelenchoides besseyi* infecting tuberose in West Bengal, India. Journal of Environmental Biology. 40:1159-1163.
- Bala, S.C. (2021). Diversity of mite fauna and population dynamics of red spider mite, *Tetranychus urticae* (Koch.) associated with rose in West Bengal, India. Journal of Entomological Research. 45 (3): 531-536.
- Bala, S.C. and Karmakar, K. (2021). Diversity of mite fauna associated with agro-horticultural crops in Bihar, India. Journal of Entomological Research. 45 (Suppl.): 1059-1065.
- Molla, I. H. Bala, S. C., Kar, A. and Karmakar, K. (2021). Description of four new species of phytoseiid mites belonging to the genus *Typhlodromus* (*Anthoseius*) De Leon from West Bengal. Zootaxa. 4949(3):541-556.
- Bala, S.C. and Karmakar, K. (2022). Study on diversity and community structure of mite fauna associated with vegetable crops in West Bengal, India. Journal of Environmental Biology. 43, 245-250.
- Bala, S.C. and Karmakar, K. (2022). Diversity and community structure of mite fauna associated with flower plants in West Bengal, India. Journal of Entomological Research. 46 (Suppl.): 1188-1193.
- Bala, S.C. (2024). Mite fauna abundance in Jharkhand and Western part of West Bengal. Journal of Entomological Research. 48 (1): 104-111.


12/06/24

Signature with Date