

# RESUME

**NAME:** DR. AMITAVA BANERJEE

**DESIGNATION:** Assistant Professor (Agricultural Entomology)

**CONTACTS:**

**1. OFFICIAL ADDRESS FOR CORRESPONDENCE:**

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**4. ORCID ID:** 0000-0003-3805-6029

**5. GOOGLE SCHOLAR PROFILE:** NA

**6. RESEARCHGATE PROFILE:** Amitava Banerjee

**7. DATE OF BIRTH:** 08/08/1978

**8. DATE OF JOINING TO THE UNIVERSITY:** 05/11/2008 (SMS in Howrah KVK)  
29/10/2014 (Assistant Professor)



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**9. ACADEMIC PROFILE:**

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Doctor of Philosophy (Agriculture) in Agricultural Entomology	Bidhan Chandra Krishi Viswavidyalaya	2008
MASTER'S	Master of Science (Agriculture) in Agricultural Entomology	Bidhan Chandra Krishi Viswavidyalaya	2002
BACHELOR'S	Bachelor of Science in Agriculture with Honours	Bidhan Chandra Krishi Viswavidyalaya	2000

**10. EMPLOYMENT HISTORY:(Starting from present position)**

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor	Bidhan Chandra Krishi Viswavidyalaya (Directorate of Research)	29/10/2014	Till date
Subject Matter Specialist	Bidhan Chandra Krishi Viswavidyalaya (Howrah Krishi Vigyan Kendra)	05/11/2008	29/10/2014

**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 MULLaRP	16/05/2017	12/02/2020
2.	Officer In-Charge, AICRP on MULLaRP	10/06/2022	Till date
3.	Assistant Director of Extension Education	17/11/2023	Till date
4.	Drawing & Disbursing Officer of the Directorate of Extension Education	13/12/2023	Till date

**12. AREA OF RESEARCH : (Bulleted list)**

- Bio-ecology of insect pests occurring on field crops as well as in storage along with their sustainable management
- Pulse crop entomology
- Integrated Pest Management

**13. COURSES ASSOCIATED WITH:**

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
<b>UNDERGRADUATE</b>	NIL		
<b>POST GRADUATE</b>	ENT 509	Pests of Field Crops	2+1
	ENT 511	Post Harvest Entomology	1+1
	ENT 523	Forest Entomology	1+1
	ENT 518	Lac culture	2+1
	ENT 520	Plant Quarantine, Biosafety and Biosecurity	2+0
<b>Ph.D.</b>	ENT 603	Insect Ecology and Diversity	2+1
	ENT 610	Integrated Pest Management	1+1

**14. NUMBER OF STUDENTS SUPERVISED:**

**Master's.: Awarded - 08; Pursuing - 03 Doctoral: Awarded - 01; Pursuing - 01**

**15. RESOURCE PERSON FOR OTHER INSTITUTES (involvement in teaching or working as member of academic/ research bodies of other organizations, if any)**

**Paper setter:** Tripura University; Bihar Agricultural University (Sabour); Uttar Banga Krishi Viswavidyalaya; Dr. YSR Horticultural University (A.P.); Visva-Bharati; Orissa University of Agriculture and Technology

**External Examiner:** Tripura University; Bihar Agricultural University (Sabour); Orissa University of Agriculture and Technology; Uttar Banga Krishi Viswavidyalaya; Ramakrishna Mission Vivekananda University (Narendrapur); Visva-Bharati

**Master's Thesis Evaluation & Viva-voce:** Uttar Banga Krishi Viswavidyalaya

**External Expert:** School of Agriculture and Allied Sciences (The Neotia University)

**16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES**

- Indian Society for the Advancement of Insect Science, Punjab Agricultural University, Ludhiana, Punjab since April, 2011.
- Applied Zoologists Research Association (AZRA), Central Rice Research Institute, Cuttack, Odisha since September, 2013.
- Crop and Weed Science Society, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia since June, 2019.
- Indian Society of Pulses Research and Development, Indian Institute of Pulses Research (ICAR), Kanpur, Uttar Pradesh since May, 2022.
- Society for Biotic and Environmental Research, Tripura since December, 2023.

## 17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1.	On Farm Trial: Sulfloxaflor + Spinetoram on grapes	M/S Dow Agro Science India Pvt. Ltd.	Completed	Co-PI
2.	Evaluation of Rallis insecticide, RIL 163/F1 (25% WG) on tea for bio-efficacy (against thrips & loopers), phytotoxicity and residue in two different Agro-climatic Zones of West Bengal	M/S Rallis India Ltd.	Completed	PI
3.	Two seasons efficacy, phytotoxicity and effect on natural enemy studies with Flubendiamide 90 + Deltamethrin 60 w/v SC (Fame Quick 150 SC) in tomato	M/S Bayer Crop Science Ltd.	Completed	PI
4.	Two seasons efficacy, phytotoxicity and effect on natural enemy studies with Gaucho (Imidacloprid 600 FS) as seed treatment on chilli	M/S Bayer Crop Science Ltd.	Completed	PI
5.	Evaluation of Rallis insecticide & fungicide, pre-mixture Origin 8.5% WG for bio-efficacy, phytotoxicity and safety to natural enemies on tomato	M/S Rallis India Ltd.	Completed	Co-PI
6.	Enhancing lentil, lathyrus and chickpea productivity through improved technology under rice fallow areas of West Bengal	International Centre for Agricultural Research in the Dry Areas	Completed	Co-PI
7.	Paid up (sponsored) bio-efficacy trials of Bistrifluthrin 10% EC on cole crops insect pests	M/S Sudarshan Chemicals Industries Ltd.	Completed	PI
8.	Enhancing pulses production for food and nutritional security, improved livelihoods and sustainable agriculture in West Bengal	International Centre for Agricultural Research in the Dry Areas	Completed	Co-PI
9.	Bio-efficacy evaluation of insecticide 'Lancer gold' (Acephate 50% + Imidacloprid 1.8% SP) on chilli for two seasons	M/S UPL Ltd.	Completed	PI
10.	Genetic improvement of lentil for rice fallow ecology: converging nutrient use efficiency and stemphylium blight resistance	International Centre for Agricultural Research in the Dry Areas	Completed	Co-PI
11.	Evaluation of BAS 325 01 I (Insecticide) against gram pod borer and aphids pests of chickpea	M/S BASF India Ltd.	Completed	PI
12.	Bio-efficacy evaluation of coded CCP-003 G against stem borer of maize	M/S Crystal Crop Protection Ltd.	Completed	PI

13.	Evaluation of bio-efficacy and phytotoxicity of BAS 441 01 I SC against Thrips, mites, Whitefly and Aphids pests on Chilli	M/S BASF India Ltd.	Completed	PI
14.	Market driven production, processing, brand building and direct marketing of variety specific pulses as well as value added pulse products mobilizing farmers cluster for improvement of livelihood and nutritional security	Department of Marketing, Government of West Bengal	Completed	Co-PI
15.	Bio-efficacy of Chlorantraniliprole 18.5% SC (Tagros) against fruit borer of chillies	M/S Tagros Chemicals India Pvt. Ltd.	Completed	PI
16.	Bio-efficacy evaluation of GPI 2520 in maize for two seasons	M/S UPL Ltd.	Completed	PI
17.	Bio-efficacy evaluation of FIN21-01 against different insect pests of chilli for two seasons	M/S FMC India Pvt. Ltd.	Completed	PI
18.	Bio-efficacy of Cyantraniliprole 10.26% OD {w/w} (Tagros) against insect pests in chilli crop	M/S Tagros Chemicals India Pvt. Ltd.	Completed	PI
19.	Efficacy evaluation of Chlorantraniliprole 18.5% w/w SC (Coragen <sup>®</sup> ) against different insect pests on soybean when applied as a foliar spray with drone-paid up trial	M/S FMC India Pvt. Ltd.	Completed	PI
20.	Bio-efficacy evaluation of KI-3 on tomato for two seasons	M/S Sulphur Mills Ltd.	Ongoing	PI

## 18. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME

### A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	HRD programme entitled 'Contemporary findings on varietal and management recommendation for Pulses & Network Research Highlights' for the Subject Matter Specialists of KVKs organized by DEE, BCKV	December 19-20, 2023	FACC, BCKV, Kalyani	Assistant Director of Extension Education
2.	HRD programme entitled 'Emerging crop management strategies in weather induced stresses' for the Subject Matter Specialists of KVKs organized by DEE, BCKV	March 7-8, 2023	FACC, BCKV, Kalyani	Assistant Director of Extension Education

### B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	Short term Course / Training Programme on 'Jute & Allied Fibre crops : Agrobiodiversity and Sustainability in Crop Production' organized by Crop Improvement Division of CRIJAF (ICAR)	September 30-October 1, 2005	CRIJAF, W.B.	Participant

2.	Training Programme on 'Market Led Extension' organized by MANAGE	August 1-5, 2011	MANAGE, Hyderabad	Participant
3.	Training Programme on 'Climate Change and Agriculture' organized by SAMETI, Narendrapur and MANAGE, Hyderabad	February 6-10, 2012	SAMETI, W.B.	Participant
4.	Orientation cum Training Programme on 'Recent Advancement of Field & Horticultural Crops' organized by Directorate of Extension Education, BCKV	March 5-7, 2012	FTC, BCKV, Kalyani, W.B.	Participant
5.	<b>Summer School</b> on New horizons in biotic stress management under changing climate scenario organized by Crop Protection Division, CRRI (ICAR), Cuttack	September 10-30, 2013	CRRI, Cuttack, Odisha	Participant
6.	<b>21 days Training</b> on 'Plant Biosecurity and Incursion Management' organized by NIPHM, Hyderabad	June 5-25, 2018	NIPHM, Hyderabad	Participant
7.	3 days Training on 'Non- Insect Pest Management - Mites, Crabs, Snails, Slugs and Avian' organized by NIPHM, Hyderabad	July 14-16, 2021	On-line	Participant
8.	5 days Training on 'Pesticide Application Techniques and Safety Measures' organized by NIPHM, Hyderabad	September 13-17, 2021	On-line	Participant
9.	<b>21 days Scientific Training</b> on 'Agricultural Research Methodologies Practices and their Management' organized by SVWS & College of Hort. & Forestry, CAU, Pasighat, Arunachal Pradesh	October 04-24, 2021	On-line	Participant
10.	3 days Training on 'Invasive Alien Species: Introduced and Emerging Pests' organized by NIPHM, Hyderabad	November 16-18, 2021	On-line	Participant
11.	5 days Training on 'AESA and Ecological Engineering in Pest Management' organized by NIPHM, Hyderabad	February 14-18, 2022	On-line	Participant

## 19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc

### A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	XII Annual Group Meeting (AGM) of All India Coordinated Research Project on Nematodes in Cropping Systems (ICAR) organized by AICRP on Nematodes in Cropping Systems, ICAR	July 6-7, 2015	FACC, BCKV, Kalyani, Nadia, W.B.	<b>Member</b> of Organizing Committee

2.	National Symposium on 'Impact of Climate Change, Biodiversity and Good Plant Protection Practices on Crop Productivity' organized by Association for Advancement in Plant Protection, Plant Health Clinic Laboratory, Directorate of Research, BCKV, Kalyani, Nadia, West Bengal	December 22-23, 2016	FACC, BCKV, Kalyani, Nadia, W.B.	<b>Member</b> of Organizing Committee
3.	International Conference on "Agricultural Innovations for Sustainable Development Goals with Special Focus on Natural Farming (AISDGONF-2023)" organized by CWSS, Bidhan Chandra Krishi Viswavidyalaya, Kalyani, Nadia, West Bengal	September 30-October 2, 2023	FACC, BCKV, Kalyani, Nadia, W.B.	<b>Member</b> of Organizing Committee
4.	3 <sup>rd</sup> Biotic Science Congress, 2023 and International Conference on Advancement in Plant Health Research – Retrospect & Prospect organized by SBER, Tripura	December 7-8, 2023	Visva Bharati, Sriniketan, West Bengal	<b>Executive Member</b> of Organizing Committee

#### B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	National Symposium on 'Biodiversity management for 21 <sup>st</sup> century' organized by SPESD & BHU	June 28-30, 2003	BHU, Varanasi	Made poster presentation
2.	National Symposium on 'Frontier areas of entomological research' organized by The Entomological Society of India	November 5-7, 2003	IARI, New Delhi	Made poster presentation
3.	National Symposium on 'Crop production under changing environment' organized by The Agricultural Society of India, BCKV and Directorate of Agriculture, Govt. of W.B.	November 27-29, 2003	BCKV, Mohanpur, W.B.	Made poster presentation
4.	International Conference on 'Environment and development' organized by Institute of Social Studies	February 4-8, 2004	Science City, Kolkata, W.B.	Made <b>oral presentation</b>
5.	National Seminar on 'Banana industry- present scenario and future strategies' organized by AICRP on Tropical Fruits, BCKV and Dept. of Food Processing Industries and Hort., Govt. of W.B.	June 11-13, 2004	FTC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
6.	National Symposium on 'Aphids in agriculture and forestry' organized by Dept. of Zoology, University of Kalyani and The Aphidological Society	November 24-25, 2004	The University of Kalyani, W.B.	Made <b>oral presentation</b>

7.	XXXVII <sup>th</sup> Annual Convention of The Indian Society of Agricultural Chemists and Symposium on 'Pesticide chemistry- Agriculture interface: New frontiers' organized by BCKV and Indian Society of Agriculture Chemists	November 27-28, 2004	FTC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
8.	First International Weed Science Seminar on 'Innovative approaches for eco-safety weed management' organized by West Bengal Weed Science Society	January 21-24, 2005	Kolkata, West Bengal, India	Made poster presentation
9.	5 <sup>th</sup> All India People's Technology Congress organized by Forum of Scientists, Engineers and Technologists	February 19-20, 2005	Science City, Kolkata, W.B.	Made <b>oral presentation</b>
10.	UGC Sponsored National Conference-cum-Workshop on 'Scientific growing, socio-economic value and proper utilization of medicinal and aromatic plants for the welfare of the rural people' organized by Bejoy Narayan Mahavidyalaya	February 25-27, 2005	B. N. Mahavidyalaya, Itachuna, Hooghly, W.B.	Made <b>oral presentation</b>
11.	12 <sup>th</sup> West Bengal State Science & Technology Congress organized by West Bengal State Science & Technology Department, Govt. of W.B.	28 <sup>th</sup> February & 1 <sup>st</sup> March, 2005	West Bengal Univ. of Technology, Kolkata, W.B.	Made <b>oral presentation</b>
12.	National Seminar on 'Coastal resources & their sustainable management: Issues & strategies' organized by BCKV	November 24-27, 2005	FTC, BCKV, Kalyani, W.B.	Made poster presentation
13.	National Symposium on 'Sustainable production and export of horticultural crops' organized by Society for the Advancement of Horticulture and F/Hort., BCKV	December 2-4, 2005	FTC, BCKV, Kalyani, W.B.	Made poster presentation
14.	1 <sup>st</sup> Congress on Insect Science organized by Indian Society for the Advancement of Insect Science	December 15-17, 2005	Punjab Agricultural University, Ludhiana	Made poster presentation
15.	National Seminar on 'Integrated production and management of tropical fruits' organized by AICRP on Tropical Fruits, BCKV	April 11-12, 2006	FTC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
16.	National Symposium on 'Plant protection: Technology interface' organized by Association for Advancement in Plant Protection, BCKV	December 28-29, 2007	FTC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
17.	International Symposium-cum-Workshop in Acarology organized jointly by Bidhan Chandra Krishi Viswavidyalaya, Zoological	April 8-10, 2010	FTC, BCKV, Kalyani, W.B.	Made poster presentation

	Survey of India, International Journal of Acarology, UK and Acarology Development Foundation, USA			
18.	First International Seminar 2010 on 'Climate change and environmental challenges of 21 <sup>st</sup> century' organized by Institute of Environmental Sciences, Rajshahi	December 7-9, 2010	University of Rajshahi, Bangladesh	Made <b>oral presentation</b>
198.	3 <sup>rd</sup> Congress on Insect Science organized by Indian Society for the Advancement of Insect Science, PAU	April 18-20, 2011	Punjab Agricultural University, Ludhiana	Made poster presentation
20.	Seminar on 'Transfer technology of strategic pesticides' organized by ICAR	June 01, 2011	NASC, New Delhi	Participated ( <b>nominated by ICAR</b> )
21.	Group Discussion of AICRP on Tropical Fruits organized by Project Coordinator (Tropical Fruits), IIHR, Bangalore and AICRP on Tropical Fruits, BCKV	July 18-21, 2011	FTC, BCKV, Kalyani, W.B.	Participated
22.	Third Global Conference on 'Plant pathology for food security' organized jointly by Indian Society of Mycology and Plant Pathology and Maharana Pratap University of Agriculture and Technology	January 10-13, 2012	Rajasthan College of Agriculture, Udaipur, India	Made poster presentation
23.	Golden Jubilee Seminar on 'Advances in agricultural research towards food security and environmental sustenance' organized by PSB, Visva-Bharati	September 01-03, 2012	Visva Bharati, Sriniketan, W.B.	Made poster presentation
24.	International Symposium on 'Food security dilemma: Plant health and climate change issues' organized by Association for Advancement in Plant Protection, BCKV	December 7-9, 2012	FTC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
25.	National Conference on 'Challenges in biodiversity and resource management' organized by Dept. of Zoology, University of Kalyani	February 26-27, 2013	The University of Kalyani, W.B.	Made <b>oral presentation</b>
26.	AZRA Silver Jubilee International Conference on 'Probing biosciences for food security & environmental safety' organized by Applied Zoologists Research Association	February 16-18, 2014	Central Rice Research Institute, Cuttack, Odisha	Made <b>oral presentation</b>
27.	7 <sup>th</sup> National Extension Education Congress-2014 on 'Transitional research – Extension for sustainable small farm development' organized by Society of Extension Education, Agra	November 8-11, 2014	ICAR Research Complex for NEH Region, Umiam, Meghalaya	Made <b>oral presentation</b>



28.	National Conference on 'Sustainable and self sufficient production of pulses through an integrated approach' organized by University of Agricultural Sciences, Bengaluru & ICAR-IIPR	May 21-22, 2016	UAS, GKVK, Bengaluru	Participated
29.	Annual Group Meet on Kharif pulse seeds of AICRP on Pigeonpea, MULLaRP and Arid Legumes' and Brainstorming session on pulses organized by AICRP on Pigeonpea and AICRP on MULLaRP, ICAR	May 22-24, 2016	UAS, GKVK, Bengaluru	Presented Annual Report
30.	International Conference on 'Agriculture, food science, natural resource management and environmental dynamics: The technology, people and sustainable development' organized by Dept. of Agril. Extension, BCKV and 'Krishi Sanskriti', New Delhi	August 13-14, 2016	FACC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
31.	Rabi Group Meet on AICRP, MULLaRP crops organized by ICAR	September 8-9, 2016	IIPR, Kanpur	Presented Annual Report
32.	National Symposium on 'Impact of climate change, biodiversity and good plant protection practices on crop productivity' organized by Association for Advancement in Plant Protection, BCKV	December 22-23, 2016	FACC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
33.	International Symposium on 'Eco-Efficiency in Agriculture & Allied Research' organized by CWSS, BCKV	January 20-23, 2017	FACC, BCKV, Kalyani, W.B.	Made poster presentation
34.	Annual Group Meet on Kharif Pulses of AICRP on MULLaRP and Arid Legumes organized by ICAR	May 6-8, 2017	GBPUA&T, Pantnagar	Presented Annual Report
35.	Rabi Group Meet on AICRP, MULLaRP crops organized by ICAR	September 8-9, 2017	IGKV, Raipur	Presented Annual Report
36.	Group Meet on Mungbean, Urdbean, Cowpea and Guar for Spring, Summer & Rice Fallow Cultivation organized by ICAR	November 10-11, 2017	RVSKVV, Gwalior	Presented Annual Report
37.	1 <sup>st</sup> Farm Innovation Congress, 2018 and National Conference on 'Innovative farming for food and livelihood security in changing climate' organized by Innovative Farming, SAAI and AICRP on STCRC, BCKV	January 12-13, 2018	FACC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
38.	Two Days National Seminar on 'Advancement in green technology for controlling and managing	March 22-23, 2018	The University of Kalyani,	Made poster presentation

	current environmental pollution' organized by Dept. of Ecological Studies and ICEE, University of Kalyani and Dept. of Higher Education, Science and Technology and Biotechnology, Govt. of West Bengal		W.B.	
39.	National Seminar on 'Agri-chemicals for a benign environment' organized by The Society for Fertilizers and Environment and BCKV	March 29, 2018	FACC, BCKV, Kalyani, W.B.	Made poster presentation
40.	Annual Group Meet on Kharif Pulses of AICRP on MULLaRP and Arid Legumes organized by ICAR	April 28-30, 2018	SDAU, S. K. Nagar, Gujarat	Presented Annual Report
41.	International Conference on 'Agriculture and allied sciences: the productivity, food security and ecology' organized by Dept. of Agril. Extension, BCKV and 'Krishi Sanskriti', New Delhi	August 13-14, 2018	FACC, BCKV, Kalyani, W.B.	Made <b>oral presentation</b>
42.	Annual Group Meet on Rabi Pulses of AICRP on MULLaRP crops organized by ICAR	September 14-15, 2018	AAU, Jorhat	Presented Annual Report
43.	Group Meet on Mungbean, Urdbean, Cowpea and Guar for Spring, Summer & Rice Fallow Cultivation organized by ICAR	November 24-25, 2018	ICAR Research Complex for NEH Region, Tripura	Presented Annual Report
44.	International Conference on 'Livelihood promotion, bio-diversity conservation and social security in Indian Sundarbans' organized by PSB, Visva-Bharati, Hiranmaypur Agro-horticultural Society for Technology and Rural Development, Basanti, Andrewspalli Centre for Integrated Development, Jogeshganj, North 24 Parganas and Techno India University, Kolkata, West Bengal	December 7-9, 2018	Jharkhali, Basanti, W.B.	Made <b>oral presentation</b>
45.	National Seminar on 'Use of agro-chemicals for a sustainable agriculture and environment' organized by The Society for Fertilizers and Environment and BCKV	March 27, 2019	FACC, BCKV, Kalyani, W.B.	Made poster presentation
46.	Annual Group Meet on Kharif Pulses of AICRP on MULLaRP and Arid Legumes organized by ICAR	May 19-21, 2019	ANGRAU, Lam, Guntur	Presented Annual Report
47.	Annual Group Meet on Rabi Pulses of AICRP on MULLaRP crops	September 12-13, 2019	CAU, Imphal	Presented Annual Report

	organized by ICAR			Report
48.	Group Meet on Mungbean, Urdbean, Cowpea and Guar for Spring, Summer & Rice Fallow Cultivation organized by ICAR	November 11-12, 2019	BARC, Trombay, Mumbai	Presented Annual Report
49.	National Seminar on 'Agro-chemical inputs and it's extension approaches towards food and bio-security: prospects & challenges (AEFS-2019)' organized by SAMETI (WB), RKMVERI and SSKVK	November 15-16, 2019	SAMETI, Narendrapur, W.B.	Made <b>oral presentation</b>
50.	International Symposium on 'Agriskills for convergence in research, industry & livelihood' organized by CWSS, BCKV	November 28-December 1, 2019	FACC, BCKV, Kalyani, W.B.	Made poster presentation
51.	Annual Group Meet on Kharif Pulses of AICRP on MULLaRP organized by ICAR	June 2-4, 2020	On-line	Presented Annual Report
52.	Annual Group Meet on Rabi Pulses of AICRP on MULLaRP organized by ICAR	August 28, 2020	On-line	Presented Annual Report
53.	National Webinar on 'Sustainable pest management of organic banana: Need of climate smart agriculture' organized by Bihar Agricultural University, Sabour	August 31, 2020	On-line	<b>Key note Speaker</b>
54.	One day Technical Webinar on 'Integrated pest management for maize crop with special reference to fall armyworm' organized by ICAR-IIMR, Ludhiana	October 9, 2020	On-line	Participant
55.	National Webinar on 'Modern tools and techniques for doubling pulses and oilseeds production' organized by Dept. of Agronomy, College of Agriculture, Tripura	October 16-17, 2020	On-line	<b>Key note Speaker</b>
56.	National Webinar on 'Recent trends in vertebrate pest management' organized by NIPHM, Hyderabad	November 23, 2020	On-line	Participant
57.	International Webinar on 'Advances in stored grain protection' organized by NIPHM, Hyderabad	November 25, 2020	On-line	Participant
58.	International Webinar on 'Recent trends in plant biosecurity: International and national perspectives' organized by NIPHM, Hyderabad	December 04, 2020	On-line	Participant
59.	Annual Spring/Summer/Rice Fallow Group Meet on MULLaRP and Arid Legumes-2020 organized by ICAR	December 09, 2020	On-line	Presented Annual Report
60.	Annual Group Meet on Kharif	May 27-28,	On-line	Presented

	Pulses of AICRP on MULLaRP organized by ICAR	2021		Annual Report
61.	Annual Group Meet on Rabi Pulses of AICRP on MULLaRP organized by ICAR	August 16-17, 2021	On-line	Presented Annual Report
62.	International Webinar on 'Fruits, vegetables and tropical tubers in shaping global food and nutrition security' organized by ICAR-AICRP-TC, BCKV and Institute of General and Physical Chemistry, Belgrade, Serbia	November 12, 2021	On-line	Participant
63.	Annual Spring/Summer/Rice Fallow Group Meet on MULLaRP and Arid Legumes-2021 organized by ICAR	December 06, 2021	On-line	Presented Annual Report
64.	Annual Group Meet on Kharif Pulses of AICRP on MULLaRP organized by ICAR	May 10-11, 2022	CSK HPKV, Palampur, H.P.	Presented Annual Report
65.	Annual Group Meet on Rabi Pulses of AICRP on MULLaRP organized by ICAR	August 17-18, 2022	On-line	Presented Annual Report
66.	International Seminar on 'Emerging Trends in Biological Sciences' organized by Dept. of Botany, Suri Vidyasagar College	November 08, 2022	Suri Vidyasagar College, Suri, W.B.	Made <b>oral presentation</b>
67.	Annual Spring/Summer/Rice Fallow Group Meet on MULLaRP and Arid Legumes-2022 organized by ICAR	November 18, 2022	On-line	Presented Annual Report
68.	Annual Group Meet of AICRP on Kharif Pulses organized by ICAR	May 11-13, 2023	On-line	Presented Annual Report
69.	9 <sup>th</sup> International Conference on 'Environment and ecology' organized by Dept. of Env. Science, The University of Burdwan and Int. Foundation for Env. and Ecology, Kolkata and Confederation of Indian Universities, New Delhi	June 22-24, 2023	The University of Burdwan, W.B.	Made <b>oral presentation</b>
70.	Annual Rabi Pulses Group Meet of AICRP on Rabi Pulses organized by ICAR	September 1-3, 2023	MPKV, Rahuri, Maharashtra	Presented Annual Report
71.	International Conference on 'Agricultural innovations for sustainable development goals with special focus on natural farming' organized by CWSS, BCKV	September 30-October 2, 2023	FACC, BCKV, Kalyani, W.B.	Made poster presentation
72.	3 <sup>rd</sup> Biotic Science Congress, 2023 and International Conference on 'Advancement in plant health research – Retrospect & prospect' organized by SBER, Tripura	December 7-8, 2023	Visva Bharati, Sriniketan, W.B.	Made <b>oral presentation</b>

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

- **Developed Grasspea variety (Bidhan Khesari – 1).**
- An award '**Best Krishi Shikshak Samman 2023**' conferred by Society of Biotic and Environmental Research (Tripura) at Visva Bharati, Sriniketan.
- **Nominated expert from the Department of Entomology** (Nominated by Hon'ble Vice-Chancellor, BCKV)
- **Nominated as visiting scientist in ICAR-NDRI** at Kalyani, Nadia, West Bengal (Nominated by Hon'ble Vice-Chancellor, BCKV)
- **Editor/ Editorial Board Member** of different journals e.g. Journal of Crop and Weed, Journal of Plant Health Archives and magazines e.g. Krishi Bidhan, Prajukti
- **Team Leader/ Member of Monitoring Team** of mandated trials of AICRP on MULLaRP, AICRP on Kharif Pulses and AICRP on Rabi Pulses.
- **Chairman and Co-Chairman** in different sessions of International/ National Seminars/ Symposia/ Conferences as well as in Farmer-Scientist Interaction Sessions of Krishi-O-Udyan Mela in Golden Jubilee Celebration of BCKV.
- **Rapporteur** in different Annual Group Meets of AICRP and in International/ National Seminars/ Symposia/ Conferences.
- **Coordinator** of Innovative Farmer Award Screening Committee.

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

- Nil

## 22. PUBLICATIONS

### A. BOOKS

1. '**Tropical Fruits**' published by Directorate of Research, BCKV in 2011 [Edited]
2. '**Dhaner rog-poka o onyanyo shotru : chinhitokaron, khotir porimap paddhoti**' (in Bengali) published by Directorate of Research, Bidhan Chandra Krishi Viswavidyalaya, Kalyani, Nadia, West Bengal in 2013 [Manual]
3. '**Howrah Jelar Prekkhite Kichu Samayopojogi Krishi Projukti**' (in Bengali) published by Howrah Krishi Vigyan Kendra, Jagatballavpur, Howrah in 2014
4. '**Recommended practices of some important crops/ breeds for Howrah district**' (in Bengali) published by Howrah Krishi Vigyan Kendra, Jagatballavpur, Howrah in 2015
5. **Book of Abstract** (National Symposium on 'National Symposium on "Impact of Climate Change, Biodiversity and Good Plant Protection Practices on Crop Productivity' held at BCKV, Kalyani, Nadia, West Bengal during December 22-23, 2016) published by AAPP, Directorate of Research, BCKV in 2016 [Edited]
6. '**Arthokori Phuler Chash**' (in Bengali) published by AICRP on Floriculture, Directorate of Research, BCKV in 2018

### B. BOOK CHAPTERS (Best 10)

1. **Banerjee, Amitava** and Bandyopadhyay, Biwsanath 2022. Pests of Cashew Nut and Their Management. In: Pests of Fruit Crops (Edtd. by N. Laskar and V. Phani). NIPA Genx Electronic Resources & Solutions P. Ltd., New Delhi, pp. 331-356. [ISBN: 978-93-94490-70-3]
2. Ray, Sabyasachi and **Banerjee, A.** 2022. Genetic Engineering of Insects and Their Application. In: Futuristic Trends in Biotechnology, IIP Proceedings, Volume 2, Book 28, Chapter 19. Iterative International Publishers (IIP). pp. 216-231. [ISBN: 978-93-95632-84-3]

3. Ray, Sabyasachi and **Banerjee, Amitava**. 2024. Insect Fauna Associated with Economically Important Forest Flora. In: Futuristic Trends in Agriculture Engineering & Food Sciences, IIP Series, Volume 3, Book 3, Chapter 10. Iterative International Publishers (IIP). pp. 121-149. [e-ISBN: 978-93-5747-402-3]
- C. RESEARCH PAPERS (Best 10)**
1. Samanta, S., Barman, M., Chakraborty, S., **Banerjee, A.** and Tarafdar, J. 2021. Involvement of small heat shock proteins (sHsps) in developmental stages of fall armyworm, *Spodoptera frugiperda* and its expression pattern under abiotic stress condition. *Heliyon*, <https://doi.org/10.1016/j.heliyon.2021.e06906>
  2. Samanta, S., Barman, M., Thakur, H., Chakraborty, S., Upadhyay, G., Roy, D., **Banerjee, A.**, Samanta, A. and Tarafdar, J. 2023. Evidence of population expansion and insecticide resistance mechanism in invasive fall armyworm (*Spodoptera frugiperda*). *BMC Biotechnology*, <https://doi.org/10.1186/s12896-023-00786-6>. 23:17.
  3. Pal, S., Samanta, S. and **Banerjee, A.** 2021. Seasonal incidence of pulse aphid (*Aphis craccivora* Koch.) and its natural enemies on field pea (*Pisum sativum* L.) in relation to some abiotic factors in Alluvial Zone of West Bengal. *Legume Research*, DOI: 10.18805/LR-4464.
  4. Singh, K., Majumder, T., Mallick, A., Samajder, A., Modak, M., Devi, M.S., **Banerjee, A.**, Sarkar, A., Patel, L.C., Ghosh, S.M. and Roy, K. 2023. Defensive role of plant latex on insect pests' suppression: a critical review. *American Journal of Plant Sciences*, 14: 1375-1398. <https://doi.org/10.4236/ajps.2023.1411093>.
  5. **Banerjee, A.** and Samanta, Snigdha. 2023. Assessment of avoidable yield losses due to major pests of lentil in Eastern India. *Journal of Entomological Research*, 47(4): 625-631. DOI: 10.5958/0974-4576.2023.00115.9.
  6. Ray, Sabyasachi and **Banerjee, A.** 2022. Antixenotic mechanism of resistance in different chickpea genotypes against gram pod borer (*Helicoverpa armigera* Hübner). *Journal of Entomological Research*, 46(Suppl.): 949-956. DOI: 10.5958/0974-4576.2022.00162.1
  7. Bera, Sayani and **Banerjee, A.** 2022. Estimation of crop losses due to major insect pests of grass pea (*Lathyrus sativus* L.) in Gangetic plains of Eastern India. *Journal of Entomological Research*, 46(3): 467-472. DOI : 10.5958/0974-4576.2022.00082.2
  8. **Banerjee, A.** and Samanta, S. 2021. Evaluation of different integrated pest management modules against lentil aphid (*Aphis craccivora*) in lower Gangetic plains of Eastern India. *Journal of Entomological Research*, 45(4): 686-691. DOI : 10.5958/0974-4576.2021.00108.0
  9. **Banerjee, A.** and Pal, S. 2021. Evaluation of some newer insecticides against gram pod borer (*Helicoverpa armigera* Hübner) on field pea. *Journal of Entomological Research*, 45(1): 87-94. DOI : 10.5958/0974-4576.2021.00014.1
  10. Malik, Suprava, **Banerjee, A.** and Samanta, A. 2021. Evaluation of IPM module against major insect pests of green gram, *Vigna radiata* (L.) Wilczek in lower Gangetic plains of West Bengal. *Environment Conservation Journal*, 22(3): 111-115. Doi: <https://doi.org/10.36953/ECJ.2021.22313>




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Signature with Date