

Dr. SABUJ GANGULY (Ph.D., BHU)

DST Inspire Fellow; M.Sc. Gold Medallist (I. Ag. Sc., BHU)

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Google Scholar: <https://scholar.google.com/citations?user=3caE3V0AAAAJ&hl=en>

Publons: <https://publons.com/researcher/1580369/sabuj-ganguly/>

Web of Science ResearcherID: AAY-3304-2021

As research scientist, aspiring to explore and find new heights in the field of science through novel experimental and analytical approaches.

Personal details

Date of birth	: 09 th October, 1991
Father's Name	: Mr. Shyamal Ganguly
Nationality	: Indian
Marital status	: Unmarried
Languages known	: English, Bengali & Hindi

Academia

Qualification	Year	University / Board name	Percentage (%)
Ph.D. [Entomology & Agril. Zoology]	2015 to 2021	Banaras Hindu University, Varanasi	83.5
M.Sc. Agriculture [Entomology & Agril. Zoology]	2013 to 2015	Banaras Hindu University, Varanasi	89.3 (University Gold Medalist)
B.Sc. Agriculture	2009 to 2013	Visva Bharati University, Santiniketan	78.6
Intermediate (12 th)	2009	Central Board of Secondary Education	79.8
High School (10 th)	2007	Central Board of Secondary Education	85.0

Research Experience

Doctorate Research:

Supervisor: Prof. C. P. Srivastava

Duration: 2015 - 2021

Work Place: Department of Entomology and Agricultural Zoology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi-221001, U.P., India

Thesis title: Genetic and morphometric variability in *Spodoptera litura* (Fabricius) populations from different agro-climatic zones of India

Post Graduate Research:

Supervisor: Prof. C. P. Srivastava

Duration: 2013-2015

Work Place: Department of Entomology and Agricultural Zoology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi-221001, U.P., India

Thesis title: Screening of some long duration genotypes of pigeonpea [*Cajanus cajan* (L.) Millsp.] against major insect pests

Teaching Experience

- Joined Integral University, Lucknow on 4th January 2021 in the Department of Agriculture and working as **Assistant Professor (Entomology)**.
- Guided **03 (three) students** of Agri-business management (ABM) in their **Master's degree** as **Co-advisor** at Integral University, Lucknow.
- Also appointed as **Course coordinator** of **B.Sc. (Ag.) First year** Group B consisting of around 50 students.
- Resource person for **teaching entomology** in **Summer Refresher Classes on "Resource management in agriculture"** from **8th to 14th June, 2019** at Institute of Agricultural Sciences, Banaras Hindu University.
- Resource person for **teaching entomology** in **Customized Training on Chilli, Tomato and Corn crops for farmers, Agri-entrepreneurs and BLF Executives** from **28th to 29th June, 2019** at Institute of Agricultural Sciences, Banaras Hindu University.

International Exposure

- Studied **International, Agriculture and Rural Development** course at **International Programs: College of Agriculture and Life Sciences, Cornell University, Ithaca, New York** from **August, 2014 to March 2015**.

List of Publications

(A) Published Papers in Journals

SL. NO.	Title with Page nos.	Journal	ISSN/ ISBN No.	Impact factor*/ NAAS Rating	Authors	First/ corresponding author
1.	Organic interventions conferring stress tolerance and crop quality in agroecosystems during the UN Decade on Ecosystem Restoration. https://doi.org/10.1002/ldr.4094 , 2021.	Land Degradation and Development	https://doi.org/10.1002/ldr.4094	4.977*	Deepranjan Sarkar, Pradeep Kumar Dubey, Rajan Chaurasiya, Ardith Sankar, Shikha, Neha Chatterjee, Sabuj Ganguly , Vijay Singh Meena, Sunita Kumari Meena, Hanuman Prasad Parewa, Amitava Rakshit	Co-author
2.	Screening of Some Long Duration Genotypes of Pigeonpea [<i>Cajanus cajan</i> (L.) Millisp.] Against The Infestation of Pod Fly [<i>Melanagromyza obtusa</i> (Malloch)]. 13(1): 153-157, 2018.	The Bioscan	(0973-7049)	5.26	Sabuj Ganguly , C. P. Srivastava and Sitanshu	First and corresponding author
3.	Comparative biology of <i>Spodoptera litura</i> Fabricius on different food sources under controlled conditions. 23(1): 681-684, 2020.	Journal of Experimental Zoology, India	(0972-0030)	5.51	Sabuj Ganguly and C.P. Srivastava	First and corresponding author
4.	Field screening of some long duration pigeonpea [<i>Cajanus cajan</i> (L.) Millsp.] genotypes against the infestation of pod bug, <i>Clavigralla gibbosa</i> (Spinola) and gram pod borer, <i>Helicoverpa armigera</i> (Hübner). 10(3): 2209-2216, 2016.	Journal of Pure and Applied Microbiology	(0973-7510)	5.05	Sabuj Ganguly , C.P. Srivastava, R. Keval and Sitanshu	First and corresponding author
5.	Screening for resistance against Tur Pod bug, <i>Clavigralla gibbosa</i> (Spinola) in long duration Pigeonpea genotypes. 8(4): 428-431, 2020	Journal of Entomology and Zoology Studies	(2320-7078)	5.53	Vijay Kumar, Ram Keval, Sabuj Ganguly and Saswati Premkumari	Co-author

6.	Bioefficacy of newer insecticides against pod fly and podbug infestations in long duration pigeonpea [<i>Cajanus cajan</i> (L.) Millsp.]. 22(2): 1179-1183, 2019.	Journal of Experimental Zoology, India	(0972-0030)	5.51	Saswati Premkumari, C P Srivastava and Sabuj Ganguly	Co-author
7.	Identification of Resistance to Pod Fly, <i>Melanagromyza obtusa</i> (Malloch) infestation in Pigeonpea Genotypes Evaluated in the Field Experiment. 9(9):2546-2554, 2020	International Journal of Current Microbiology and Applied Sciences	(2319-7692)	5.38	T. N. Vijay Kumar, C. P. Srivastava, Sabuj Ganguly , Saswati Premkumari	Co-author
8.	Efficacy of some insecticides against major insect pests of long duration pigeonpea. 83 (2021)	Indian Journal of Entomology	(0367-8288)	5.89	Saswati Premkumari, C. P. Srivastava, Sabuj Ganguly and Ram Keval	Co-author
9.	Monitoring of <i>Helicoverpa armigera</i> (Hübner) through Pheromone Traps in Long Duration Pigeonpea [<i>Cajanus cajan</i> (L.) MillSp] under Agroclimatic Conditions of Eastern U.P. 20(1): 1567-1571, 2017.	Journal of Experimental Zoology, India	(0972-0030)	5.51	Sandeep Chaudhary, C. P. Srivastava and Sabuj Ganguly	Co-author
10.	Monitoring of gram pod borer, <i>Helicoverpa armigera</i> (Hübner) through pheromone traps on long duration pigeonpea [<i>Cajanus cajan</i> (L.) Millsp.]. 5(5): 665-669, 2017.	Journal of Entomology and Zoology Studies	(2349-6800)	5.53	Rahul Kumar Rawat, Ram Keval, Snehel Chakravarty and Sabuj Ganguly	Co-author
11.	Integration of Some Components of Pest Management against Pod Pest Complex on Early Maturing Pigeonpea [<i>Cajanus cajan</i> (L.) Millsp.]. 14(1): 1-9, 2018.	Advances in Research	(2348-0394)	4.80	Ram Keval, Hanumanth, Snehel Chakravarty and Sabuj Ganguly	Co-author
12.	Seasonal Incidence of Major Insect Pests on Early Maturing Pigeonpea [<i>Cajanus cajan</i> (L.) Millsp.] in Relation to Abiotic Factors of Varanasi Region of Indo-Gangetic Plain. 17(5): 1-13, 2018.	Advances in Research	(2348-0394)	4.80	Ram Keval, Hanumanth, Sabuj Ganguly and Snehel Chakravarty	Co-author

13.	Efficacy of Selected Insecticide and Biopesticide Combinations against Major Insect Pests of Late Maturing Pigeonpea [<i>Cajanus cajan</i> (L.) Millsp.]. 18(1): 1-7, 2017.	Journal of Experimental Agriculture International (formerly known as American Journal of Experimental Agriculture)	(2231-0606)	4.69	Ram Keval, Rahul Kumar Rawat, Snehel Chakravarty and Sabuj Ganguly	Co-author
14.	Seasonal Incidence of Plume Moth, <i>Exelastis atomosa</i> (Lepidoptera: Pterophoridae) on Long Duration Pigeonpea, <i>Cajanus cajan</i> . 23(2): 445-452, 2017.	Flora and Fauna	(0971 - 6920)	4.55	Rahul Kumar Rawat Ram Keval, Sabuj Ganguly and Snehel Chakravarty	Co-author
15.	Seasonal Incidence of Gram Pod Borer, <i>Helicoverpa armigera</i> (Hübner) and Tur Pod Fly, <i>Melanagromyza obtusa</i> (Malloch) on Late Maturing Pigeonpea in Varanasi Region of Indo- Gangetic Plain. 19(1): 1-8, 2017.	Journal of Experimental Agriculture International (formerly known as American Journal of Experimental Agriculture)	(2457-0591)	4.69	Ram Keval, Jitendra Khamoriya, Snehel Chakravarty and Sabuj Ganguly	Co-author
16.	Management of increasing soil pollution in the ecosystem. 12(2):1-9, 2017	Advances in Research	(2348-0394)	4.80	Deepranjan Sarkar, Shikha, S. Rakesh, Sabuj Ganguly and Amitava Rakshit	Co-author

(B) Articles/ Chapters published in Books

Sl. No.	Title with Page nos.	Book Title, editor & publisher	ISSN/ ISBN No.	Authors	First/ corresponding author
1.	Biocides through pyrolytic degradation of biomass: potential, recent advancements and future prospects. Pp. 337-352	<u>Biopesticides</u> , Volume 2: Advances in Bio-Inoculants Advances in Bio-inoculant Science, <i>Elsevier</i> , 2022.	https://doi.org/10.1016/B978-0-12-823355-9.00025-0	Avedananda Ray, Sabuj Ganguly and Ardith Sankar	Corresponding author

1.	Role of molecular markers for assessment of genetic diversity in insects. Pp. 41- 64	Applied zoological research for sustainable agriculture & food security. C.P. Srivastava, R. N. Singh, S.V.S. Raju & M. Raghuraman. Dept. of Entomology and Agril. Zoology, Inst. of Agril. Sciences, Banaras Hindu University, Varanasi-221005	(81-85305-54-4)	Snehel Chakravarty and Sabuj Ganguly	Co-author
2.	Insect pest management in organic farming. Pp 3-7	ENVIS Newsletter, CPREEC, Chennai. July-September. 2019. 18(2): 3-7.	(0975-9387)	Sabuj Ganguly and Ardith Sankar	First and corresponding author
3.	Organic farming for sustainable environment. Pp 27-30	<i>Kurukshetra</i> .(Magazine). Issue: April 2018,66 (6): 27-30	(0021-5660)	Deepranjan Sarkar, Sabuj Ganguly and Sikha	Co-author
4.	पर्यावरण-अनुकूल जैविक खेती I Pp 48-52	कुरुक्षेत्र. (Magazine). Issue: April 2018, 64 (6):48-52	(0971-8451)	Deepranjan Sarkar, Sabuj Ganguly and Sikha	Co-author
5.	ITKs for the management of storage pests of pulses. Pp 79	Agrobios Newsletter. Issue: 01September 2019,18(4): 79	(0972-7027)	Saswati Premkumari and Sabuj Ganguly	Co-author
6.	Scope and limitations of Bio-intensive and ecological based IPM Programmes	Agrobios Newsletter. Issue: 01December 2019,18(7): 87-88	(0972-7027)	Sabuj Ganguly , Saswati Premkumari And Mahalle Rashmi Manohar	First and corresponding author
7.	Application of IPM to farmer's realtime situations	Agrobios Newsletter. Issue: 01 January 2020,18(7): 96-97	(0972-7027)	Sabuj Ganguly , Mahalle Rashmi Manohar And Saswati Premkumari	First and corresponding author
8.	Microsporidial and Protozoan insect pathogens	Agrobios Newsletter. Issue: 01December 2019,18(7): 107-108	(0972-7027)	Mahalle Rashmi Manohar, Sabuj Ganguly and Saswati Premkumari	Co-author
9.	Exogenous application of elicitors in host plant resistance	Agrobios Newsletter. Issue: 01 January 2020,18(8): 75-76	(0972-7027)	Mahalle Rashmi Manohar, Saswati Premkumari and Sabuj Ganguly	Co-author

10.	Defensive behavior of ladybird beetle (Coccinellidae)	Agrobios Newsletter. Issue: 01 April 2020,18(11): 99-100	(0972-7027)	Saswati Premkumari, Mahalle Rashmi Manohar and Sabuj Ganguly	Co-author
11.	Beeswax, a miracle of bee hive: its production, composition and uses	Agrobios Newsletter. Issue: 01 June 2020,19(1): 119-120	(0972-7027)	Saswati Premkumari, Sabuj Ganguly and Rashmi Manohar Mahalle	Co-author

(C) Full papers in Conference Proceedings

Sl. No.	Title with Page nos.	Details of conference	ISSN/ ISBN No.	No. of co-authors	First/corresponding author
1	Sabuj Ganguly and Ardith Sankar (2014). : Innovative Approaches in Conservation of Natural Enemies through Establishment of Insect Rearing Park (Entomophagic Park) for Sustainable Agriculture. In: <i>Novel Innovations and Strategies for Boosting Production and Productivity in Agriculture. Pp. 123-128</i>	Ratnesh Kr. Rao, P.K. Sharma and Anil K. Singh (2014). Novel Innovations and Strategies for Boosting Production and Productivity in Agriculture. Mahima Publications	(978-81-926935)	Sabuj Ganguly and Ardith Sankar	First and corresponding author

Projects

Sl. No.	Title	Agency	Period	Grant/ Amount Mobilized (Rs lakh)
1	INDEGENOUS CELPHOS APPLICATOR (ICA)	Design and Innovation Centre (DIC), Indian Institute of Technology (IIT)-BHU. MHRD, Govt. of India	27th December 2018- on going	10,500/-

Seminars / Trainings/ Workshop attended

Sl. No.	Title of the Paper Presented	Title of Conference / Seminar	Organized by	Type : International/ National/State/ Regional/College or University level

1.	Host associated variability in in <i>H. armigera</i> populations of India (Poster)	1st International Conference on Climate change and Adaptive Crop Protection for Sustainable for Sustainable Agrihorticulture Landscape	Society of Plant Protection Sciences, ICAR-NRCSS, Tabiji, Ajmer-305206, Rajasthan	International Conference (20/12/2018 - 22/12/2018)
2.	DNA barcoding: an important tool in entomological research (Oral)	International Symposium on Environmental, Educational and Biological Research for Human Welfare	Society of Educational Development and Environmental Research, Varanasi	International Symposium (25/03/2018 - 26/03/2018)
3.	Genetic variability in <i>H. armigera</i> populations across India (Poster)	International Conference on Novel Applications of Biotechnology in Agricultural Sectors: Towards Achieving Sustainable Development Goal- 2018.	Institute of Agricultural Sciences, BHU, Varanasi, U.P	International Conference (20/03/2018 - 21/03/2018)
4.	a.) Comparative biology of <i>Spodoptera litura</i> Fabricius on three different host plants (Poster) b.) Larval body colour polymorphism in <i>H. armigera</i> populations occurring in different host plants (Poster)	XVI International Conference on Applied Zoological Research for Sustainable Agriculture and Food Security.	Applied Zoologists Research Association and Dept. of EAZ, I. Ag.Sc., BHU	International Conference (09/02/2018 - 11/02/2018)
5.	Innovative approaches in conservation of Natural enemies through establishment of insect rearing park (entomophagic park) for sustainable agriculture. (Poster)	International conference on novel Innovations and Strategies for boosting production and productivity in Agriculture	Banaras Hindu University, Varanasi, U.P.	International conference (15/11/2014 - 16/11/2014)
6.	Pesticidal hazards to Environment: Toxicity of a commonly used organophosphate insecticide against the wild bees, <i>Apis dorsata</i> (Poster)	National Seminar on Agriculture and Biosecurity in changing scenario	Visva Bharati University, Sriniketan, W.B.	National Seminar (01/02/2014- 03/02/2014)
7.	Post- Harvest Technology of Fruits and Vegetables	--	Directorate of Horticulture and Fruit Processing, U.P. Government	Training Programme (01/03/2016- 15/03/2016)

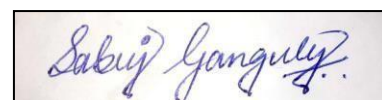
8.	Geographical Information System (GIS) and Global Navigation Satellite System (GNSS)	--	Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India	Certificate Course (25/09/2017-10/11/2017)
9.	Recent Bioinformatics Tools and Techniques in Biological Sciences	--	Centre of Bioinformatics (School of Biotechnology), Banaras Hindu University, Varanasi-221005	University level workshop (20/02/2019-22/02/2019)

Awards, fellowships & memberships

1. Received **B.H.U. Gold Medal** for securing First position at M.Sc. (Ag.) Entomology & Agricultural Zoology Examination 2015
2. Received **Smt. Vidya and Dr. Lallan Rai Gold Medal** for securing First position at M.Sc. (Ag.) Entomology & Agricultural Zoology Examination 2015
3. Awarded **DST- Inspire Fellowship** from Dept. of Science and Technology, Govt. of India.
4. **Prof. P. Kameshwara Rao Award-2017-18** for best poster presentation on “Larval Body Colour Polymorphism collected from different Hosts”
5. Awarded **Young Entomologist Award-2019** by **Agricultural & Environmental Technology Development Society** for considerable contribution in the field of Entomology
6. Awarded **Best Poster Session** in the “5th Uttar Pradesh Agricultural Science Congress” during 22nd -24th Feb, 2020
7. **Life Member of Indian Science Congress Association.**
8. **Life Member of Agricultural & Environmental Technology Development Society.**

Co-curricular

1. Represented **BHU** at **National Level** and **Awarded First position in Painting** at **ICAR- 15th All India Inter Agricultural Universities Youth Festival 2014-15**, organized at **NDRI, Karnal, Haryana.**
2. Awarded **First Prize** at **SRISHTI-2015** in **solo singing.**
3. Awarded **First Prize** at **SRISHTI-2015** in **spot painting.**
4. Awarded **Second Prize** at **SRISHTI-2015** in **poster making.**



(Sabuj Ganguly)⁹