

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: Mr. Kaushik Pramanik

Designation: Assistant Professor

Department: Agriculture

School: Agriculture

Research Area: Insecticide Bioefficacy, IPM, Pollinator Ecology and Biology, Solitary Bees, Beneficial Insects, Insect-Plant Interactions, Insect Behaviour and Ecology

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: <https://scholar.google.com/citations?user=MUOs6QUAAAJ&hl=en>

Orchid ID: <https://orcid.org/0000-0002-4618-2212>

Scopus ID:

Vidwan ID: <https://vidwan.inflibnet.ac.in/profile/648297>

B. Publication details:

1. Conference proceedings/ Conference paper:

Sl. No.	Name of the Conference	Title of the paper	Month & Year of Publication	Author(s) Name	National/ International	doi number (if any)	ISSN/ISBN no.
1.	Entomological Students Conclave – 2025, Assam Agricultural University, Jorhat, Assam, India	Comparative foraging behaviour of different <i>Megachile</i> bees in pigeonpea (<i>Cajanus cajan</i> (L.) Millsp.) in the New Alluvial Zone of West Bengal, India	March, 2025	Pramanik, K., & Jha, S.	National		9-788196-834210
2.	National Conference on “Pollinators for Food Security”. Dept. of Zoology, School of Biological Science, Central University of Kerala, Periya 671 320, Kasaragod, Kerala, India	Common <i>Megachile</i> bees (Megachilidae; Hymenoptera) from West Bengal, India: Host range, diversity, nesting habitat and conservation strategies	January, 2025	Pramanik, K., & Jha, S.	National		
3.	Agriskills towards Nutritional Security and Sustainability (ANSS). Brainware University, Barasat, Kolkata-700125, India	Impact of ecosystem type on seasonal diversity of leaf foraging sources for leafcutter bees (Megachilidae; Hymenoptera) in West	April, 2024	Pramanik, K., & Jha, S.	National		

		Bengal, India					
4.	6th CWSS International Conference on Agricultural Innovations for Sustainable Development Goals with Special Focus on Natural Farming (AISDGONF-2023). Crop and Weed Science Society (CWSS) at Farmers' Academy & Convention Centre (FACC), BCKV, Kalyani, Nadia, West Bengal, India	Studies on leaf foraging sources of leaf-cutter bees (Megachilidae; Hymenoptera) in West Bengal, India: Implications for conservation” at the conference	October, 2023	Pramanik, K., & Jha, S.	International		
5.	International Conference on Natural Farming for Revitalizing Environment and Resilient Agriculture ((NF-RERA, 2023), College of Agriculture, Iroisemba, Central Agricultural University, Imphal, Manipur-795004, India.	Natural Farming-Based Food System for Improving Different Aspects of Food and Nutrition Security	March, 2023	Pramanik, K., & Nandi, P.	International		978-81-947184-4-4.
6.	VIIth International Conference in Hybrid Mode on Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS-2022), organized by Astha Foundation, Meerut (U.P.) India.	Production of honey in India-present status and future approaches	November, 2022	Pramanik, K., & Nandi, P.	International		978-81-958010-1-5
7.	IVth International Conference in Hybrid Mode on Innovative and Current Advances in Agriculture & Allied Sciences (ICAAAS-2022) at Himachal Pradesh University, Summer Hill, Shimla (H.P.) India.	Insect Hybridization: a promising approach to tackle insect pests.	June, 2022	Pramanik, K., & Nandi, P.	International		978-93-91057-31-2

2. Publications in SCI/Scopus indexed Journals:

Sl. No	Name of the Journal (mention SCI/scopus)	Title of the paper	Month & Year of Publication	Author(s) Name (Highlight the corresponding and 1 st author in every article)	doi number	Issue No. & Volume No.	Page no.	ISSN of the journal
1.	Systematic & Applied Acarology	A new genus and three new species of eriophyoid mites (Acari: Eriophyoidea) from the New Alluvial Zone of West Bengal, India.	2025	Mandal, D., Ghosh, I., Pramanik, K., Bala, S. C., & Debnath, P.	https://doi.org/10.1111/58/saa.30.8	30(8)	1464–1473	1362-1971
2.	Journal of Entomological Research	Studies on species diversity of fruit flies on ash gourd in the New Alluvial Zone of West Bengal.	2025	Ghosh, I., Pramanik, K., Pramanik, S., Gupta, A. K., & Debnath, P.	https://doi.org/10.5958/0974-4576.2025.00072.1	49(2)	438-443	0974-4576
3.	Arthropod-Plant Interactions	Comparative seasonal plant diversity and leaf foraging pattern of leafcutter bees (Megachilidae: Hymenoptera) in urban, semi-urban and agricultural areas of Eastern India.		Pramanik, K., Layek, A., Visakh, N. U., & Jha, S.	https://doi.org/10.1007/s11829-025-10134-4	19(2)	26	1872-8847
4.	International Journal of Advanced Biochemistry Research	An understanding of the biochemical foundation for plant-pollinator interactions.	2024	Das, R., Bhuiya, M., Visakh, N. U., Layek, A., & Pramanik, K.	https://doi.org/10.33545/26174693.2024.v8.i4Sa.930	8(4)	51-58	2617-4707
5.	Environment Conservation Journal	Assessing the bioefficacy of Cyantraniliprole 10.26% OD against fruit borer and thrips on chilli under field condition.	2024	Layek, A., Pramanik, K., Das, R., Nandi, P., & Debnath, P.	https://doi.org/10.36953/ECJ.23362607	25(1)	41-49	0972-3099
6.	Journal of Entomological Research	Relative abundance and effect of weather parameters on the prevalence of major insect pests complex of tomato in the eastern region of Uttar Pradesh.	2023	Pramanik, K., Meena, R. S., Barman, M., Layek, A., & Debnath, P.	https://doi.org/10.5958/0974-4576.2023.00015.4	47(1)	88-93	0974-4576
7.	Journal of Entomological	Effect of newer insecticide molecules	2023	Pramanik, K., Meena, R. S., &	https://doi.org/10.5958/0974-4576.2023.00015.4	47(2)	373-376	0974-4576

	Research	against fruit borer, <i>Helicoverpa armigera</i> (Hubner) in tomato.		Chauhan, R.	8/0974-4576.2023.00067.1			
8.	Environment Conservation Journal	Relative bioefficacy of different insecticides against sucking pest complex of tomato (<i>Lycopersicum esculentum</i> L.) and their effect on natural enemies present under field condition.	2023	Pramanik, K., Meena, R. S., Barman, M., Layek, A., & Nandi, P.	https://doi.org/10.36953/ECJ.13792408	24(2)	108-119	0972-3099
9.	Journal of Experimental Zoology-India	Bio-efficacy of newer insecticides against serpentine leaf-miner [<i>Liriomyza trifolii</i> (Burgess)] infesting tomato (<i>Lycopersicum esculentum</i> L.) in the alluvial tract of Eastern Uttar Pradesh.	2023	Pramanik, K., Meena, R. S., Anita, & Layek, A.	https://doi.org/10.51470/jez.2023.26.1.497	26	497-500	0972-0030
10.	Journal of Experimental Zoology-India	Bio-efficacy of certain newer insecticide molecules against whitefly (<i>Bemisia tabaci</i> Genn.) and aphids (<i>Aphis gossypii</i> Glover) infesting chilli crop.	2023	Anita, Raju, S. V. S., Pramanik, K., Vinay, N., & Husen, A.	https://doi.org/10.51470/jez.2023.26.1.567	26	567-573	0972-0030
11.	Environment and Ecology	Bioefficacy of Some New Molecule of Insecticides against Sucking Pests of Chilli (<i>Capsicum annum</i> L.) in Gangetic Basin of West Bengal.	2023	Nandi, P., Sarkar, A., Pramanik, K., & Layek, A.	https://doi.org/10.60151/envec/WGPW7845	41(3A)	1613—1619	0970-0420
12.	Chemical Science Review and Letters	Recent Status of Global Polychlorinated Biphenyls Contamination.	2021	Sil, A., Saha, S., Barman, M., Pramanik, K., & Chakrabarty, S.	-	21(11)	57-67	2231-3443
13.	Journal of Entomology and Zoology Studies	Essential oils: A boon towards eco-friendly management of phytopathogenic fungi.	2020	Sil, A., Pramanik, K., Samantaray, P., Mondal, F., & Yadav, V.		8(4)	1884-1891	2320-7078

3. Book chapter:

Sl. No.	Title of the book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)
1.	Sustainable management of insect pests by using nanomaterials. (Book title: Nanomaterials for Enhanced Plant-Based Food Production)	Elsevier, Academic Press	Pramanik, K., & Ghosh, I.	2025	978-0-443-23688-4	-
2.	Origin and Geographical Distribution of Fenugreek. (Book title: Fenugreek: Improvement in Yield Potential Through Plant Growth Regulators (PGRs) and Polymerized Polysaccharides)	CRC Press. Taylor & Francis Group	Seal, D., Layek, A., & Pramanik, K.	2025	978-1-00359-367-6	-
3.	Physiological and Molecular Mechanism of Insect Herbivory Tolerance in Plants: A Potential Tool for Resistance Breeding. (Book title: Plant Stress Tolerance- Molecular Mechanisms and Breeding Strategies)	CRC Press. Taylor & Francis Group	Pramanik, K., Layek A., Mahalanobish, D., Roy, D., & Majumder, D.	2025	978-100354-323-7	https://doi.org/10.1201/9781003543237-18
4.	The use of insects in the cosmetic industry. (Book title: Insects as Humans' Fenemies (From Friends to Foes))	Nova Science Publishers. New York	Pramanik, K., Vijay T.M., & Suhas M.S.	2025	979-8-89530-410-5	https://doi.org/10.52305/LAXP0217
5.	Scope of Genetically Engineered Organisms in Food Science and Pest Management Strategy. (Book title: Food Process Engineering and Technology Safety, Packaging, Nanotechnologies and Human Health)	Springer, Singapore	Pramanik, K., Barman, M., Kundu, R., & Singh, S.K.	2024	978-981-99-6831-2	https://doi.org/10.1007/978-981-99-6831-2_8
6.	Climate Change and Millets: A Global Food Security for an Improving Livelihood. (Book title:	Narendra Publishing House	Pramanik, K., Seal, D., & Layek, A.	2023	978-935-651242-9	-

	Millets and other potential crops: ensuring climate resilience and nutritional security)					
7.	Recombinant DNA technology: Technique and applications in modern era. (Book title: Trends in Biotechnology)	IIP Proceedings	Barman, M., Pramanik, K., Kundu, R., Mukherjee, S., & Das, A.	2023	978-93-95632-83-6	-
8.	Flourishing the Climate Resilient Fruit Crops to Ensure Global Food and Nutritional Security. (Book title: Millets and other potential crops: ensuring climate resilience and nutritional security)	Narendra Publishing House	Layek, A., Pramanik, K., & Seal, D.	2023	978-935-651242-9	-
9.	Drones: A novel technology for and disease management sustainable pest in horticultural crops. (Book title: Handbook of Horticulture)	Shriyanshi Prakashan, Agra.	Layek, A., Pramanik, K., Seal, D., Mandal, D., & Debnath, P.	2023	978 – 93-81247-20-4	
10.	Vegetables: A Food to Ensure Economic and Dietary Security. (Book title: Millets and other potential crops: ensuring climate resilience and nutritional security)	Narendra Publishing House	Seal, D., Layek, A., & Pramanik, K.,	2023	978-935-651242-9	-
11.	Potential Interaction of Phorid Fly <i>Megaselia scalaris</i> (Loew) with Various Economically Important Arthropod Fauna. (Book title: Research Highlights in Agricultural Sciences)	B. P. International	Pramanik, K., Layek, A., Mandal, D., Debnath, P., & Roy, D.	2022	978-93-5547-938-9	https://doi.org/10.9734/bpi/rhas/v4/4527A
12.	Pest Outbreak and Climate Change. (Book title: Recent Advances in Agricultural Entomology)	SR edu Publications	Pramanik, K., Layek, A., & Debnath, P.	2022	978- 93-92941-13-9	-
13.	Organic Pest Management. (Book title: Advances in Agricultural Entomology)	AkiNik Publications	Pramanik, K., & Nandi, P.	2022	978-93-5570-505-1	-

14.	Saline Farming: A New Approach towards Ensuring Food Security. (Book title: Advances in Agricultural and Life Sciences)	Weser Books Publication	Sil, A., Barman, M., Pramanik, K., Horijan, B., & Bhattacharyya, K.	2022	-	-
15.	Agricultural/Horticultural Entomology and Nematology. (Book title: Agri Insights)	New Vishal Publication	Sen, S., Ghosh, S., & Pramanik, K.	2020	978-8194619-765	-

4. Text/Reference book published from reputed national/international publishers:

Sl. No.	Title of the Text/Reference book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)
1.	Wheat: Production, Protection & Improvement.	Satish Serial Publishing House, New Delhi, India.	Barman, M., Mukherjee, A., Pramanik, K., Verma, G., Bhattacharya, K., Mahapatra, D., Singh, S.K., Dhaka, A.K.	2022	978-93-90660-08-7	-

5. Project granted:

Sl. No	Sponsoring Agency	Name of the project	Duration		Amount in Lakhs	PI/ CO-PI
			Starting Month & Year	Ending month & Year		

6. Consultancy Project Grant:

Sl No.	Project title	Funding Agency	Duration	Completed (yes/no)	Sanctioned amount (in Rs.)	PI and CO-PI (if any)

7. Patent/IPR granted:

Sl. No.	Name of the patent	Name of the applicant	Name of the inventor	Date of File	Date of Publication	Whether Granted (yes/no); If yes, Date of Grant	Application No.