BRIEF CURRICULUM VITAE OF DR.P.K. BISWAS



Name	:	**Dr.Pabitra Kumar Biswas**
Designation	:	Associate Professor in Soil Science
Date of Birth	:	15th April, 1974
Educational qualifications	:	M.Sc. (Ag.) Agricultural Chemistry and Soil Science Ph.D. in Agriculture from Visva-Bharati, 2007
Ph.D. Thesis Title	:	**"Studies on the residue, dissipation and transformation ofPesticides"**
Administrative Service (Earlier Selection)	:	**1.** As Assistant Agricultural Chemist under (**WBAS Research**.), Govt. of West Bengal, STL, Malda and Pulses and Oilseeds Research Station, Berhampore, Murshidabad, West Bengal from **19.07.2002 to 18.09.2008** **2.** As Agricultural Chemist under (**WBHAS Research.Gr.-II**), Govt. of West Bengal, Soil Testing Laboratory, Raiganj, Uttar Dinajpur, West Bengal from **19.09.2008 to 09.08.2010**
Academic service	:	i) Reader in Soil Science, Visva-Bharati**10.08.2010 to 10.08.2013** ii) Associate Professor in Soil Science in Visva-Bharati since, **10.08.2013**
Teaching & Research Experience	:	**14** years
Major Course Taught :		**UG**: Fundamentals of Soil Science (**SSC 111**), Manures, Fertilizers and Soil Fertility Management (**SSC 211**), Problematic Soil and their Management (**SSC 221**), Agro-chemicals (**SSC 222**), Introduction to Soil Microbiology (**SSC 311**), Soil, Plant, Water and Seed Testing (**SSC 312**), Biofertilizer Technology (**SSC 321**), Bioagents and Biofertilizer Production (**SSC 421**) and Rural Agricultural Work Experience (**RAWE)**. **PG**: Analytical Techniques and Instrumental Methods in Soil and Plant Analysis (**Soil 510**), Soil Chemistry (**Soil 503**), Soil Biology and Biochemistry (**Soil 506**), Basic Concepts in Laboratory Techniques (**PGS 504**), Soil Fertility and Fertilizer Use (**Soil 502**), Seminar (**Soil 591**), Thesis (**Soil 599**) **Ph.D.**: Research Methodology (**SSC 600**), Chemistry of Pesticides (**SSC 601**), Advances in soil fertility (**SSC 602**),Review of Literature (**Course 3**)
Research Area	:	Soil Fertility**,** Persistence of Agrochemicals and Biofertilizer evaluation
Supervision of Research	:	Supervised M.Sc. (Ag.) students: **23**, Supervising M.Sc. (Ag.) students: **2** Ph.D. students- degree awarded:**7**, Ph.D. students- guiding: **5**
Research Projects	:	Crystal Crop Protection Ltd (Completed 6 no.s)
Research Publication	:	**85** Research articles in National and International Journals, **11** Book chapters
Current Citations at Google Scholar	:	**810** Citations, h-Index: **25**, i10 index: **18**.
Life Membership and Executive Committee	:	Life member of 'The Society of Pesticide Science', Life member of 'The Indian Society of Weed Science 'Life member of 'The Indian Society of Pulses Research and Development', Life member of 'The Indian Society of Coastal Agricultural Research' Life member of 'The Society of Bio-resource, Environment and Agricultural Research, Life member of 'The Crop and Weed Science Society (CWSS), Life member of 'The Indian Science Congress Association', Life member of 'The Indian Natural Fibre Society', Member of 'The Indian Society of Soil Science (ISSS)
External Expert	:	Examiner, M.Sc. (Ag.) Thesis viva-voce, Setting question paper, Moderator andconducting practical examination in different Universities, Acting as External Expert for conducting Viva-Voce examination, Acting as External Expert for selection committee at Public Service Commission, West Bengal
Extension activities Social Commitment	:	Actively participating in different extension programmes of the Department/institute as resource person in many training programmes, Farmers-scientist meets, Krishimela, Magh Mela, Radio Programme, T.V.Programme, Transfer to technology programme etc.

Research Publications (15) :

1. Majumder, S., Powell, M.A., Biswas, P.K., & Banik, P. (2022). "The impact of Arsenic induced stress on soil enzyme activity in different rice agroecosystem" Environmental Technology & Innovation, 26:102282. (Elsevier). https://doi.org/10.1016/j.eti.2022.102282
2. Mukherjee, A., Mehta, R., Saha, S., Bhattacharyya, A., Biswas, P.K. & Kole, R.K. (2020). Removal of multiple pesticide residues from water by low-pressure thin-film composite membrane. Applied Water Science 10:44. http://doi.org/10.1007/s13201-020-01315-y
3. Purkait, A., Mukherjee, A., Hazra, D.K., Roy, K., Biswas, P.K. & Kole, R.K. (2021). Encapsulation, release and insecticidal activity of Pongamia pinnata (L) seed oil. Heliyon 7: e06557. www.cell.com/heliyon.
4. Purkait, A., Biswas, S., Saha, S., Hazra, D., Roy, K., Biswas, P.K., Ghosh, S.K. & Kole, R.K. (2019). Formulation of plant based insecticides, their bio-efficacy evaluation and chemical characterization. Crop Protection, 152: 104907, 1-9.
5. Supirya Majumder, Pabitra Kumar Biswas and Pabitra Banik (2021). "Impact of Water Regimes and Amendments on Inorganic Arsenic Exposure to Rice" International Journal of Environmental Research and Public Health,18:4643 https//doi.org/10.3390/ijerph18094643
6. Aloke Purkait, Rodas, Ezezew Worede; Deewakar Baral, Dipak Kumar Hazra, Birendra Nath Panja, Pabitra Kumar Biswas and Ramen Kumar Kole (2020). "Development of nanoemulsion formulation of mustard oil, its chemical characterization and evaluation against post-harvest anthracnose pathogens" Indian Phytopathology https://doi.org/10.1007/s42360-020-00237-8
7. Mukhopadhyay Soumi and Biswas P.K. (2019). "Dissipation of Acetamiprid Residues in Okra Fruits and Red Soil of West Bengal" *Pesticide Research Journal* vol. 31 issue 2: 205-210
8. Biswas Pabitra Kumar, Pramanik Sukhendu Kumar, Bhattacharyya Jayati, Bhattacharyya Anjan and Mitra Santi Ranjan (2019). "Photodegradation of Napropamide in Aqueous Methanol under UV Light and Sunlight" *Pesticide Research Journal* vol. 31 issue 2: 197-204
9. Ghosh Manojit, Biswas, Pabitra Kumar, Mahua Banerjee, Malik, Ganesh Chandra and Paul, Sujoy Kumar (2021). "Residual Fate of Herbicide Flumioxazin 50 SC in/on Wheat" *Ecology, Environment & Conservation. 27 (4) : 2021; pp. (1780-1783) ISSN 0971–765X*
10. Das, Anamika and Biswas, P.K. (2019). "Effect of sulphur and biofertilizers on sesame (Sesame indicum L.) Yield and quality in red and lateritic soils of West Bengal, India" *Indian Journal of Hill Farming* Vol. 32(2): 335-341
11. Das, Anamika and Biswas, P.K. (2019). "Effect of sulphur and biofertilizers on growth attributes of sesame (Sesamum indicum L.) and soil fertility in red and lateritic soils of West Bengal, India" *Indian Journal of Hill Farming* Vol. 32(2): 287-294
12. Das, S. P., Ghosh, G. K., Mondal, S., Biswas, P. K., & Kundu, M. C. (2019). Plant growth parameters and soil potassium pool as influenced by potassium fertilization in kharif season rice. International Journal of Current Microbiology and Applied Sciences, 8(03), 1547-1553. http://dx.doi.org/10.20546/ijcmas.2019.803.178. [ISSN: 2319-7692 (Print), 2319-7706 (Online)]
13. Mukhopadhyay Soumi and Biswas P.K. (2019). "Effect of Imazethapyr 10% SL on soil micro-organism and physicochemical properties of soil" *Journal of Emerging Technologies and Innovative Research* (JETIR) vol. 6 issue 2: 504-510
14. Jena B.,Nayak R.K., Biswas P.K. and Das J. (2019). "Zn distribution in soils of Odisha and its management in a cereal based cropping system through graded dose of $ZnSO_4$ application" *International Journal of Chemical Studies* Vol. 11, Issue: 10, 2019, pp. 8437-8440
15. **Biswas, P.K**., Pramanik, S.K., Mitra, S.R. and Bhattacharya, A. (2007) "Persistence of Napropamide in/on Tea under North East Indian climatic condition". *Bull. Environ. Contm. and Toxicol*. 79:566-569
16. Sarkar,M.A., **Biswas,P.K**., Roy,S., Kole,R.K. and Chowdhury,A (1999). "Effect of pH and Type of Formulation on the persistence of Imidacloprid in Water." *Bull. Environ. Contm. and Toxicol*.63: pp-604-609