RESUME

NAME: Dr. Sankhajit Roy

DESIGNATION: Assistant Professor

CONTACTS:

1. **OFFICIAL ADDRESS FOR CORRESPONDENCE:**
   Department of Agricultural Chemicals; F/Ag.; BCKV,
   Mohanpur; Dist.- Nadia; State- West Bengal; India

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3.EMAIL : Institutional: ____roy.sankhajit@bckv.edu.in_____
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_____roysankhabckv@gmail.com_____

4. **ORCID ID: _____**
5. **GOOGLE SCHOLAR PROFILE:_Yes_____**
6. **RESEARCHGATE PROFILE: ___Yes_____**
7. **DATE OF BIRTH: __10___/___04___/__1970_____**
8. **DATE OF JOINING TO THE UNIVERSITY: ___01____/___11__/____2006_____**

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9. ACADEMIC PROFILE:

Level	Name of the degree with discipline/ department	Institute	Year of passing
Doctoral	Ph.D. (Agriculture) in Agricultural Chemicals	BCKV	2004
Master's	M.Sc.(Ag.) in Agricultural Chemistry and Soil Science	BCKV	1996
Bachelor's	B.Sc. (Ag.) Hons.	BCKV	1994

10. EMPLOYMENT HISTORY:(Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor	**BCKV**	**01.11.2006**	**Till date**
Agriculture Development Officer	**Dept. of Agriculture; Govt. of West Bengal**	**31.10.2003**	**31.10.2006**

11. ADMINISTRATIVE POST(S)/ RESPONSIBILIY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1	**Agriculture Development Officer/ Extension**	**31.10.2003**	**31.10.2006**

12. AREA OF RESEARCH : (Bulleted list)

- Pesticide Residue Analysis.
- Fate and Behaviour of Pesticides in different environmental compartments viz. Food, water, soil etc.,
- Biopesticides.

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	ACH 208	Crop Protection Chemicals and their application	1+1
	EC-262	Chemistry of Pesticides	2+1
	ELP 456	Organic Production	0+10
POST GRADUATE			
	AC - 502	Chemical Laboratory Techniques	1+2
	AC - 503	Basic Chemistry	3+1
	AC - 504	Natural Product Chemistry	2+1
	AC - 507	Agrochemicals for Disease Management	2+1
	AC - 509	Chromatographic and Spectroscopic Techniques	2+1
	AC - 510	Pesticide Residue Chemistry	2+1
	AC- 591	Master's Seminar	1+0
Ph.D.			
	AC-602	Chemistry of Biopesticides	2+1
	AC - 603	Advanced Organic Chemistry	2+1
	AC- 604	Pesticide Metabolism, Persistence and Decontamination	2+1
	AC - 799	Doctoral Seminar-I	1+0
	AC - 999	Doctoral Seminar-II	1+0

14. NUMBER OF STUDENTS SUPERVISED:

Master's.____09_____Doctoral_____6_____

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Residue & persistence….soybean	M/s. UPL Ltd.	Ongoing	**PI**
2	Residue and persistence… spinosad in different crops	M/s. Penshibao Wang Pvt. Ltd.	Ongoing	**PI**
3	Residue study of spinosad… Grapes	M/s. Mahamaya industries Ltd.	Ongoing	**PI**
4	Residue study…. Dow AgroScience molecules	M/s. Dow Agroscience India Pvt. Ltd.	Ongoing	**PI**
5	Post-harvest Processing of Marigold and other Flowers for income generation of the farming community of West Bengal	RKVY (RAFTAAR), Govt of West Bengal	Ongoing	**Co-PI**
6	Residue and persistence study of Crystal molecules in Rice, groundnut, sugarcane and soybean	M/s. Crystal Phosphates Ltd. , New Delhi	Completed	**PI**

7	Residue Study of paraquat Dichloride 24% SL in Potao & Maize"	M/s. Krishi Rasayan Export pvt. Ltd. , Kolkata	Completed	**PI**
8	Residue study of Cyhalofop butyle in Rice:	M/s. Dow Agroscience, Mumbai	Completed	**PI**
9	Residue study Glyphoate … of Tea Potato & Rice	M/s. Mahamaya industries Ltd.	Completed	**PI**
10	Residue study…..in Maize …onion	M/s. Indofil Co. ltd.	Completed	**PI**
11	Residue of Biffenthrin 10% EC in Rice & cotton and Thiodicarb 75% WP in Brinjal, cotton and chilli ''	M/s. Krishi Rasayan Pvt. Ltd	Completed	**PI**
12	Long Term Residue of various products of Biostadt	M/s. Bio-Stadt India Pvt. Ltd.	Completed	**PI**
13	Long term Residue studies on Crystal Molecules"	M/s. Crystal Crop Care Pvt Ltd., New Delhi	Completed	**PI**
14	Residue Study of paraquat Dichloride 24% SL in Potao & Maize"	M/s. Krishi Rasayan Export Pvt. Ltd., Kolkata	Completed	**PI**
15	Establishment of a testing and training centre for food and water quality (PIC No. R201900371) Co-PI	Govt. of West Bengal	Completed	**Co-PI**
16	Establishment of a centre for biological control (PIC No. R201900372)\ Co-PI	Govt. of West Bengal	Completed	**Co-PI**
17	Residue studies of New molecules of Makhteshim Agan"	M/s. Makhteshim Agan India Pvt. Ltd.		**Co-PI**
18	Residue Analysis of New & Conventional Molecules	M/s. Krish Biotech Export Pvt. Ltd., Kolkata	Completed	**Co-PI**
19	Residue studies on GSP molecules"	M/s. GSP Crop Science Pvt. Ltd.	Completed	**Co-PI**

16. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

17. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED: N/A

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

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

2001: Awarded German Academic Exchange Service **DAAD (**Sandwich) Scholarship for the year 2001-02 by **DAAD**, Germany for conduction advance research study in Germany.

2018: Awarded **Post Doctoral Scholarship by DAAD**, Germany in the year 2018 at Forschungszentrum Juelich, Germany.

2019: Recipient of Dr. A.P.J. Abdul Kalam Scientist Award by Society of Tropical Agriculture.

19. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list): N/A

20. PUBLICATIONS

A. BOOKS:

B. RESEARCH PAPERS (Best 10):

Sl. No.	Title with page no., volume	Journal Name	Year	NAAS rating
1.	Saha S., Adhikari A., Ghosh P. K., Shaw A. K., Roy D., Choubey S., Basuli D., Tarafder M., **Roy Sankhajit** and Hossain Z. (2024) "Untying arsenite tolerance mechanisms in contrasting maize genotypes attributed to NIPs-mediated controlled influx and root-to-shoot translocation, redox homeostasis and phytochelatin-mediated detoxification pathway." 362: 142647	*Chemosphere,* **Elsevier**	**2024**	**14.80**
2.	Kumar V., Swain H.S., Upadhyay A., Ramteke M.H, Dhruba Jyoti Sarkar D.J, **Roy Sankhajit** and Das B.K. (2023) "Bioaccumulation of Potentially Toxic Elements in Commercially Important Food Fish Species from Lower Gangetic Stretch: Food Security and Human Health Risk Assessment", *Biological Trace Element Research*, 1-14	*Biological Trace Element Research,* **Springer**	**2023**	**9.90**
3.	Hazra D.K., Mondal P., Purkait A., Mandal S., Bhattacharyya S., Karmakar R, **Roy Sankhajit**, Banerjee T and Banerjee H. **"**Determination of quizalofop-p-ethyl in onion: residual dissipation pattern, weed control efficiency, and food safety assessment under field conditions**",** *Environmental Monitoring and Assessment*, 195(9): 1067	*Environmental Monitoring and Assessment,* **Springer**	**2023**	**9.0**
4.	Bagchi T.B., Chattopadhyay K.,	*Journal of Cereal*	**2021**	**9.80**

	Sivashankari M., **Roy Sankhajit**, Kumar A., Biswas T. And Pal S. (2021) "Effect of different processing technologies on phenolic acids, flavonoids and other antioxidants content in pigmented rice", *Journal of Cereal Science*,100: 103263	*Science*, **Elsevier**		
5.	Adhikari A., Adhikari S., Ghosh S., Azahar I., Shaw A. K., Roy D., **Roy Sankhajit**, Saha S., Hossain Z. "Imbalance of redox homeostasis and antioxidant defense status in maize under chromium (VI) stress", 169	*Environmental and Experimental Botany*, **Elsevier**	**2020**	**11.70**
6.	Adhikaria S. , Ghosh S , Azahar I , Adhikari A , Shaw A.K. , Konar S., **Roy Sankhajit**, Hossaina Z. (2018) "Sulfate improves cadmium tolerance by limiting cadmium accumulation, modulation of sulfur metabolism and antioxidant defense system in maize", **153**, 143-162	*Environmental and Experimental Botany*, **Elsevier**	**2018**	**11.70**
7.	Ghosh S., Singh K., shaw A. K., IkbalAzahar, Adhikari S., Ghosh U., Basu U., **Roy Sankhajit**, Saha S., Sherpa A. R. And Hossain Z. "Insights into the miRNA-mediated response of maize leaf to arsenate stress", **137**: 96–109	*Environmental and Experimental Botany*, **Elsevier**	**2017**	**11.70**
8.	Ganguly P. Barik S. R., Patra S., **Roy Sankhajit** and Bhattacharyya A. "Persistence of Chlorfluazuron in cabbage under different agro-climatic conditions of India and its risk assessment"Vol. **36** (11), pp. 3028 – 3033	*Environmental Toxicology and Chemistry*, **Wiley**	**2017**	**10.10**
9.	Shaw A. K., Bhardwaj P. K., Ghosh S., **Roy Sankhajit**, Saha S., Sherpa A. R., Saha S. K. and Hossain Z. "β – aminobutyric acid mediated drought stress alleviation in maize (*Zea mays* L.)", **23**(3): 2437 – 53	*Environ Sci Pollut Res*, **Springer**	**2016**	**11.80**
10.	Sarkar M.A.; **Roy S.**; Kole R.K. and Chowdhury A. "Persistence and metabolism of Imidacloprid in different soils of West Bengal", **57**,598-602.	***Pest Management Science,*** **Wiley**	**2002**	**10.10**

Date: 10.03.2025

Signature with Date