RESUME

NAME: ARINDAM SARKAR

DESIGNATION: ASSISTANT PROFESSOR

CONTACTS:

1. **OFFICIAL ADDRESS FOR CORRESPONDENCE:**
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5. **GOOGLE SCHOLAR PROFILE:_____**
6. **RESEARCHGATE PROFILE:** https://www.researchgate.net/profile/Arindam-Sarkar-6
7. **DATE OF BIRTH: __**12___/___04___/__1988_____
8. **DATE OF JOINING TO THE UNIVERSITY: ___**30____/___11__/____2015___

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9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL			
MASTER'S	M.Sc (Ag) in Agricultural Chemistry and Soil Science	BCKV	2011
BACHELOR'S	B.Sc (Ag.)	Visva Bharati	2009

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor	BCKV	30/11/2015	Present

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

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)

12. AREA OF RESEARCH : (Bulleted list)

- Nutrient Management
- Soil Physics

- Soil chemistry
- Trace/toxic metal pollution
- Stable isotope
- Environmental geochemistry

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE			
POST GRADUATE			
Ph.D.			

14. NUMBER OF STUDENTS SUPERVISED:
Master's._____ _____Doctoral_____

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

16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES: •

- Indian Society of Soil Survey and Land Use Planning
- Crop and Weed Science Society
- Society for Fertilizers and Environment
- Indian Association of Soil and Water Conservationists

17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI

18. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME

A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Analytical tools and techniques for development of soil health card (SHC) and its interpretations	10 days	ICAR-National Bureau of Soil Survey and Land Use Planning	Attendee

			(NBSSLUP), Nagpur	
2	Recent advances in processing technologies for value addition of jute and allied fibers	10 days	ICAR- National Institute of Research on Jute & Allied Fiber Technology, Kolkata	Attendee
3	Advance microbial technologies to improve nutrient use efficiency and mitigation of greenhouse gas emission from agriculture	21 days	ICAR-Indian Institute of Soil Science (IISS), Bhopal	Attendee
4	Current challenges and strategies for management of soil health and sustainable productivity	21 days	Jawaharlal Nehru Krishi Viswavidyalaya (JNKVV), Jabalpu	Attendee

19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc

A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	International conference on "Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: The Technology, People and Sustainable Development"			
2	International Symposium on "Eco – Efficiency in Agriculture and Allied Research" (EEAAR-2017)			
3	International conference on "Contemporary Issues in Integrating Climate-The Emerging Areas of Agriculture, Horticulture, Biodiversity, Forestry; Engineering Technology, Fundamental/Applied Science and Business Management for Sustainable Development (AGROTECH-2017)			
4	National conference on "Innovative Farming for Food and Livelihood Security in Changing Climate" (2018)			
5	National workshop on "Current Strategies and Emerging Issues of Soil-Water-Environmental Management in Agriculture System"			

	(2019)			
6	International Seminar on "Agriskills for convergence in research, industry& livelihood" (ACRIL) held during 28th November to 1st January, 2019 at FACC, BCKV, Kalyani, West Bengal			

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

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

-

22. PUBLICATIONS

A. BOOKS

B. BOOK CHAPTERS (Best 10)

- Subhendu Jash, Mini Poduval, Golam Moinuddin, **Arindam Sarkar** and Raju Das (2018). Disease of Cashew and their management. In Diseases of Vegetables and Fruits- Current Status and Their Management. Ed. P.C. Trivedi. pp- 194-202
- Arup Sen, Kaushik Batabyal, Sanchita Mondal, **Arindam Sarkar** and Dibyendu Sarkar (2021). Use of Biofertilizers for Sustainable Agriculture. In Agriculturally Important Microorganisms: Mechanisms and Applications for Sustainable Agriculture. Eds. Bibhuti Bhusan Mishra, Suraja Kumar Vinayak and Avishek Pahari. pp 119-136. New India Publishing Agency, New Delhi.
- Subhendu Jash, **Arindam Sarkar**, Rakesh Patsa, Golam Moinuddin, S. Sarkar and Rajib Kundu (2022). Fusarium Wilt of Watermelon and its Management Strategies. In Fusarium Diseases in Plants: Pathogenomics and Management. Ed Bireswar Sinha, pp. 317- 331. Agrobios Research, India.
- Ratneswar Poddar, Arup Sen, **Arindam Sarkar**, Sanmay Kumar Patra, Akbar Hossain (2023). Rehabilitation and Management of Multiple Stresses in Saline and Sodic Soils for Agriculture Sustainability. In Multiple Abiotic Stress Tolerances in Higher Plants. Eds. N.K. Gupta, Yuri Shavrukov, R.K. Singhal, Nikolai Borisjuk, pp. 91-105. CRC Press. https://doi.org/10.1201/9781003300564-7.
- Ratneswar Poddar, Arup Sen, **Arindam Sarkar**, Sanmay Kumar Patra, Akbar Hossain. Climate-Smart Advanced Technological Interventions in Field Crop Production Under Problematic Soil for Sustainable Agricultural Development. In: Chakraborty, R., Mathur, P., Roy, S. (eds) Food Production, Diversity, and Safety Under Climate Change. Advances in Science, Technology & Innovation. Springer, Cham. https://doi.org/10.1007/978-3-031-51647-4_17.

C. RESEARCH PAPERS (Best 10)

- Parthasarathi Chakraborty, **Arindam Sarkar**, Krushna Vudamala, Richita Naik and B. Nagender Nath (2015). Organic matter — A key factor in controlling mercury distribution in estuarine sediment. Marine Chemistry. 173: 302–309. https://doi.org/10.1016/j.marchem.2014.10.005 (IF: 3.81)
- Benukar Biswas, Debashis Chakraborty, Jagadish Timsina, Dhurjjoti Prasad Das Roy, Saju Adhikary, Indranil Das, **Arindam Sarkar**, Bikash Ranjan Ray, Supradip Sarkar, Mousumi Mondal, Sahely Kanthal, Udayan Rudra Bhowmick (2021). Replacing winter rice in non-traditional areas by strawberry reduces arsenic bioaccumulation, and improves water productivity

and profitability. Science of the Total Environment. 788: 147810. https://doi.org/10.1016/j.scitotenv.2021.147810 (IF: 7.96)

- Benukar Biswas, Debashis Chakraborty, Jagadish Timsina, Udayan Rudra Bhowmick, Pratap Kumar Dhara, Dipak Kumar Ghosh , (Lkn), **Arindam Sarkar**, Mousumi Mondal, Saju Adhikary, Sahely Kanthal, Kiranmay Patra, Sukamal Sarkar, Rajender Parsad, Bikash Ranjan Ray (2022). Agroforestry offers multiple ecosystem services in degraded lateritic soils. Journal of Cleaner Production. https://doi.org/ 10.1016/j.jclepro.2022.132768 (IF: 9.30)
- Kundu, Rajib, **Arindam Sarkar**, Golam Moinuddin, Subhendu Jash, Ratneswar Poddar, and Arup Dey (2023). Response of groundnut to phosphorus and bio-organics in Alfisols of Red and Laterite zone of India. Journal of Plant Nutrition. 46: 2016-2030. https://doi.org/10.1080/01904167.2022.2155540 (IF: 2.10)
- Rajib Kundu, **Arindam Sarkar**, Ratneswar Poddar, Subhendu Jash, Golam Moinuddin and Arup Sen (2023). Bio-formulation in combination with inorganic fertilizer improves crop growth, productivity and economics of kharif groundnut (Arachis hypogaea L.) in Red and Laterite soils. Archives of Agronomy and Soil Science. 69(15):3438-3454. https://doi.org/10.1080/03650340.2023.2241828. (IF: 2.40)
- Sanmay Kumar Patra, Ratneswar Poddar, Ranajit Panda, **Arindam Sarkar**, Ahmed Gaber, and Akbar Hossain (2024). Response of cabbage (Brassica oleracea var. capitata L.) to different frequencies of irrigation and levels of soil fertilization in a non-saline coastal Typic Endoaquept. Journal of Coastal Conservation, 28(6), pp.1-15. https://doi.org/10.1007/s11852-023-01011-4 (IF: 2.10)
- Arup Sen, Sk Md Asif, **Arindam Sarkar**, and Himadri Saha (2024). Sorption of sulfur in highly leached humid soils of north east India. Communications in Soil Science and Plant Analysis, https://doi.org/10.1080/00103624.2024.2321922 (IF: 1.80)
- Sanmay Kumar Patra, Ratneswar Poddar, **Arindam Sarkar**, Arup Sen, Sudip Sengupta, Rajib Kundu, Sushanta Saha (2024). Irrigation scheduling and nutrient management in green gram cultivation: An evaluation of yield and water productivity, soil water-nutrient dynamics, energy budgeting and profitability. International Journal of Plant Production. https://doi.org/10.1007/s42106-024-00295-2 (IF: 2.50).
- Sucharita Chakraborty, Parthasarathi Chakraborty, Ed Hathorne, **Arindam Sarkar**, Linsy P., Martin Frank, B. Nagender Nath (2021). Evidence for Increasing Anthropogenic Pb Concentrations in Indian Shelf Sediments during the Last Century. Science of the Total Environment. 760: 143833. https://doi.org/10.1016/j.scitotenv.2020.143833 (IF: 7.96)
- Saranya Jayachandran, Parthasarathi Chakraborty, **Arindam Sarkar**, Deepak Kumar, Ishita and Prakash C Babu (2021). Post depositional changes of sedimentary organic matter influence chromium speciation in continental slope sediments - A case study. Science of the Total Environment. 777: 145783. https://doi.org/10.1016/j.scitotenv.2021.145783 (IF: 7.96)

Arindam Sarkar
6/5/24

Signature with Date