

RESUME

NAME: Dr. Subhas Chandra Kole

DESIGNATION: Professor

CONTACTS:



1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

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4. ORCID ID: _____

5. GOOGLE SCHOLAR PROFILE: _____

6. RESEARCHGATE PROFILE: <https://www.researchgate.net/profile/Subhas-Kole>

7. DATE OF BIRTH: 21.07.1961

8. DATE OF JOINING TO THE UNIVERSITY: 08.01.1990

9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph.D. in Agril. Chem. & Soil Sci.	BCKV	1992
MASTER'S	M.Sc.(Ag.) in Agril. Chem.& Soil Sci.	BCKV	1986
BACHELOR'S	B.Sc. (Ag.) Hons.	BCKV	1984

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Professor	BCKV	08.01.2007	Continuing
Reader/ Associate Professor	BCKV	08.01.1999	07.01.2007
Lecturer (Res.) Sr. Scale	BCKV	08.01.1995	07.01.1999
Lecturer (Research)	BCKV	08.01.1990	07.01.1995

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

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1	Head, Deptt. Agril. Chem.& Soil Science,	01.09.2023	Continuing
2	Officer In Charge, Survey Selection & Mass Prod. of Nodule Bacteria	19.07.2021	11.09.2023
3	Member of the Executive Council	March, 2002	Feb., 2006
		Nov., 2009	March, 2011
4	Member of the Court	March, 2002	Feb., 2006
5	Member of the Faculty Council (F/Ag)	March, 2002 Feb., 2009	Feb., 2006 March, 2011
6	Provost in hostel	01.04.1996	30.09. 2008
7	NSS Programme Officer	29.03.1994	30.04.2001

12. AREA OF RESEARCH : (Bulleted list)

- Soil arsenic bioremediation through isolation of arsenic volatilizing and oxidizing bacteria.
- Isolation and evaluation of P-solubilizers, S-oxidizers, K-mobilizers, Symbiotic & non-symbiotic N-fixers, Cellulose decomposers.
- Biofertilizer production technology and their effect on crop productivity
- Enrichment of city and other composts with microbial inoculants and other amendments.
- Soil testing and fertilizer recommendation with the generation of targeted yield equations
- Integrated nutrient management for different crops

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDER GRADUATE	ACGP 203	Agricultural Microbiology	1+1
	ACGP(H) 107	Introductory Microbiology	2+1
	EC261	Production and use of Bio-fertilizers	2+1
	ELP 459	Bio-fertilizer Production and Marketing	0+10
POST GRADUATE	ACSS 504	Fundamentals of Soil Microbiology	2+1
	ACSS 552/SOIL 506	Soil Biology and Biochemistry	2+1
Ph.D.	ACSS 704	Advances in Soil Microbial Ecology	2+1
	SOIL 609	Recent Trends in Soil Microbial Biodiversity	2+1
	SOIL 605	Biochemistry of Soil Organic Matter	2+0

14. NUMBER OF STUDENTS SUPERVISED:

Master's: 15 (14 awarded, 1 continued) **Doctoral:** 7 (5 awarded, 2 continued)

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Front Line Demonstration on Oil Seeds (Sub-component D	ICAR	COMPLETED	Co-PI
2	Front Line Demonstration on soil test based crop response	ICAR	COMPLETED	Co-PI
3	NATP project on Fertility evaluation and soil test based integrated fertilizer recommendations	ICAR	COMPLETED	Co-PI
4	Validation of different extractants / methods for estimation of available Nitrogen, Phosphorus and Potassium content in New Alluvial Zone soils of West Bengal	ICAR	COMPLETED	Co-PI
5	Arsenic Management Options including Organic Agricultural System in West Bengal	ICAR	COMPLETED	Co-PI
6	NAIP (Component-4) project on Arsenic in Food Chain; Cause, Effect and Mitigation	ICAR and World Bank	COMPLETED	Co-PI

16. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMMEORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Establishment of biofertilizer production unit through RKVY project	2017-2021	Mohanpur	Co-PI
2	Training course on soil testing for farmers clubvolunteers of NABARD jointly by Directorate of Extension Education and AICRP on STCR,	11.3-31.3. 1997 (3 weeks)	FTC, BCKV Kalyani	Organizer and expert
3	Training cum workshop on production and promotion of different biofertilizers for State and Block level Officers	26.9-29.9.1994 (4 days)	Digha	Resource person
4	Training course on soil testing methodology	23.3-25.3.1998 (3 days)	FTC, BCKV Kalyani	Organizer & expert
5	Three educational tours with B. Sc. (Ag)students	14-20.05.90 28-30.01.94 13-19.05.94	OUAT,NRRI-CuttackDigha Darjelling/Kalimpong	Guide
6	Krishi Mela and organizing soil testing camp (eleven)		BCKV, District of Hooghly, 24 Pgs (N)	Organizer and expert
7	Invited Faculty Lecture on “Information -driven Sustainable Soil Management” by Prof. Asim Biswas, University of Guelph, Canada	15.03.2024	D. R. Sarkar Hall, Mohanpur, BCKV	Organizer
8	Invited Faculty Lecture on “Application of Earth Observations for Water Quality Monitoring” by Dr. Tapas Kumar Biswas, Senior Scientist, CSIRO, Australia	16.01.2025	Seminar Hall, Dept. of Agronomy, Mohanpur, BCKV	Organizer
9	Celebration of World Soil Day	05.12.2022 05.12.2023 05.12.2024	RRS, Gayespur RRS, Gayespur D.R. Sarkar Hall	Organizer
10	Internship training on ‘Production Techniques of Biofertilizers’	1.6-31.7.2023 9.1 - 8.3.2024 (2 months)	SSMP Unit, Mohanpur	Organizer and expert

17. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	State level workshop on integrated nutrient management at BCKV, Kalyani	January 30, 2001	FTC, BCKV Kalyani	Organizer
2	Workshop/ seminar on soil testing for the incharges of the soil testing laboratories of the eastern and north-eastern states	February 5-6, 2001	FTC, BCKV Kalyani	Organizer
3	Annual Workshop for AICRP on STCR	January 31 to February 2, 2002	FTC, BCKV Kalyani	Organizer
4	International Symposium on Food Security Dilemma: Plant Health and Climate Change Issues	December 7-9, 2012	FTC, BCKV Kalyani	Organizer
5	Inauguration of “Establishment of Biofertilizer production unit” on RKVY by the Hon’ble Minister-in-Charge, Agriculture Dept., Govt. of West Bengal	August 17, 2021	Mohanpur, BCKV	Organizer

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

19. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY:

20. PUBLICATIONS

A. BOOKS :

B. RESEARCH PAPERS

1. Hajra, J. N., Manna, M. C. and Kole, S. C. (1992). Preparation and evaluation of enriched city compost in an alluvial soil. *Indian J. Agril. Sci.* 62.: 540-544.
2. Kole, S. C. and Hajra, J. N. (1998). Occurrence and activity of tricalcium phosphate and rock phosphate solubilizing microorganisms in mechanical plant compost of Calcutta and an alluvial soil of West Bengal. *Environ. Ecol.* 16: 344-349.
3. Das, A. C. and Kole, S. C. (2006). Effect of some root associative bacteria on germination of seeds, nitrogenase activity and dry matter production by rice plants. *J. Crop & Weed.* 2: 47-51.
4. Biswas, T. and Kole, S. C. (2012). Microbial Growth and Arsenic Tolerance Ability as Influenced by Inherent Arsenic Loading in polluted Soils of West Bengal. *Nature Environ. Pollut. Technol.* 11: 439-446
5. Majumder, A., Sarkar, S. and Kole, S.C. (2012). Characterization of Efficient Arsenic-Removing Bacteria from *In-vitro* Conditions. *Dynamic Biochem., Process Biotechnol. & Molecular Biol.* 6: 127-130.
6. Majumder, A., Bhattacharyya, K., Bhattacharyya, S. and Kole, S. C. (2013). Arsenic-tolerant, arsenite-oxidising bacterial strains in the contaminated soils of West Bengal, India. *Sci. of the Total Environment.* 463-464: 1006-1014.
7. Majumder, A., Ghosh, S., Saha, N., Sarker, S. and Kole, S. C. (2013). Arsenic accumulating bacteria isolated from soil for possible application in bioremediation. *J. Environmental Biol.* 34: 841-846.
8. Majumder, A., Bhattacharyya, K., Kole, S. C. and Ghosh, S. (2013). Efficacy of indigenous soil microbes in arsenic mitigation from contaminated alluvial soil of India. *Environmental Sci. Pollution Res.* 20:5645-5653.
9. Debnath, A., Kole, S. C. and Joseph Mukhim. (2014). Evaluation of the efficacy of different sulphur amendments and sulphur oxidizing bacteria in relation to its' transformation in soil and yield of mustard (*Brassica juncea*). *Res. on Crops.* 15: 578-584.
10. Kole, S. C., Mitra, S. and Debnath, A. (2015). Effect of Arsenic on efficient symbiont on growth of Bengal gram (*Cicer arietinum* L.) and accumulation in plant parts. *The Ecoscan.* 9: 103-108.

Subhas Chandra Koley
28/03/2025

Signature with Date