RESUME

NAME: **ABHIJIT DEBNATH**

DESIGNATION: **PROFESSOR**

CONTACTS:

1. **OFFICIAL ADDRESS FOR CORRESPONDENCE: Survey, Selection & Mass Production of Nodule Bacteria (SSMP), Directorate of Research, BCKV**

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4.ORCID ID: https//orcid.org/0009-0003-2619-8561

5.GOOGLE SCHOLAR PROFILE:_____

6.**RESEARCHGATE PROFILE: _____**

7.**DATE OF BIRTH: 01 / 09 / 1966**

8.**DATE OF JOINING TO THE UNIVERSITY: 17 / 04 / 1997**

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9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph. D.	BCKV	1995
MASTER'S	M. Sc. (Ag.)	BCKV	1992
BACHELOR'S	B. Sc. (Ag.) Hons.	BCKV	1989

10. EMPLOYMENT HISTORY:(Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Lecturer	BCKV	17.04.1997	16.04.2006
Reader	BCKV	17.04.2006	16.04.2009
Associate Professor	BCKV	17.04.2009	16.04.2012
Professor	BCKV	01.11.2012	Till date

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

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	Officer-in-Charge (& DDO), Regional Research station, Majhian, BCKV and UVKV	17.01.2001	14.06.2002
2.	Officer-in-Charge, SSMP, BCKV, Mohanpur	05.01.2012	13.08.2019
3.	Special Officer (Development)	20.11.2015	06.12.2018

12. AREA OF RESEARCH : (Bulleted list)

- **Soil Chemistry**
- **Soil Fertility**

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE		Soil Fertility Management	2+1
POST GRADUATE	a) Soil 503 b) Soil 507 c) Soil 508	a) Soil Chemistry b) Radioiostopes in Soil Plant studies c) Soil Air Water pollution	2+1 1+1 2+1
Ph.D.	Soil 602	Modern Concept in Soil Fertility	2+0

14. NUMBER OF STUDENTS SUPERVISED:
Master's: 16 Doctoral: 06

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1.	Nutrient management strategies for sustaining productivity and quality of tea plantation in selected tea gardens of North Bengal	National Tea Research Foundation	Completed	Co-PI
2.	Establishment of Biofertilizer Production Unit	Central –State	Completed	PI

16. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

17. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

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

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

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20. PUBLICATIONS

A. BOOKS

B. RESEARCH PAPERS (Best 10) Listed Below:

a. **Debnath A.**, Barrow N. J., Ghosh D. and Malakar H. (2011). Diagnosing P status and P requirement of tea (Camellia sinensis L.) by leaf and soil analysis. **Plant & Soil**, 341: 309 – 319. (NAAS – 9.9)

b. Barrow N. J. and **Debnath A**. (2014). Effect of phosphate status on the sorption and desorption properties of some soils of northern India. **Plant and Soil**, 378: 383 – 395. (NAAS – 9.9)

c. Barrow N. J. and **Debnath A.** (2015). Effect of phosphate status and pH on sulphate sorption and desorption. **European Journal of Soil Science**, doi: 10.1111/ejss.12223. (NAAS – 10.0)

d. Barrow N. J., **Debnath A**. and Chatterjee S. (2016). Effect of pH and prior phosphate application on the reaction of fluoride with soils from northern India. **European Journal of Soil Science**, 67: 294 – 302. (NAAS – 10.0)

e. Barrow N. J., Barman P. and **Debnath A.** (2018). Three residual benefits of applying phosphate fertilizer. **Soil Science Society of America Journal**, 82: 1168 – 1176. (NAAS – 8.4)

f. Barrow N. J., **Debnath A**. and Sen A. (2018). Mechanisms by which citric acid increases phosphate availability. **Plant and Soil**, 423: 193 – 204. (NAAS – 9.9)

g. Barrow N. J., **Debnath A**. and Sen A. (2018). Measurement of the effects of pH on phosphate availability. **Plant and Soil**, 454:217–224. (NAAS – 9.9)

h. Barrow N. J., Sen A., Roy N. and **Debnath A**. (2021). The soil phosphate fractionation fallacy. **Plant and Soil**, 459: 1 – 11. (NAAS – 9.9)

i. Barrow N. J., **Debnath A**. and Sen A. (2021). Effect of phosphate sorption on soil pH. **European Journal of Soil Science**. https://doi.org/10.1111/ejss.13172. (NAAS – 10.0)

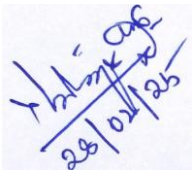
j. Barrow N. J., **Debnath A**. and Sen A. (2023). Investigating the dissolution of soil phosphate. **Plant and Soil**. https://doi.org/10.1007/s11104-023-06102-7. (NAAS – 9.9)

k. Barrow N. J., Roy D. and **Debnath A**. (2022). Evaluating the benefits of legacy phosphate. **Plant and Soil,** 480: 561 – 570. (NAAS – 9.9)

l. Barrow N. J., Parvin S. A. and **Debnath A**. (2024). The effects of pH on phosphorus utilisation by chickpea (*Cicer arietinum*). **Plant and Soil**, 495: 663 – 673. (NAAS – 9.9)

m. Barrow N. J., Asif Sk. Md. and **Debnath A**. (2024). Reaction of organic phosphates with oxides: Effects on pH, the equation used to describe the reaction, and on desorption. **European Journal of Soil Science**. https://doi.org/10.1111/ejss.13462. (NAAS – 10.0)

n. Asif Sk. Md. and **Debnath A**. (2024). Adsorption kinetics of organic phosphates on goethite and aluminium oxide: The equation used to describe the reaction. **European Journal of Soil Science.** https://doi.org/10.1111/ejss.13545. (NAAS – 10.0)



Signature with Date