

RESUME

NAME: Dr. Md. Nasim Ali

DESIGNATION: Associate Professor

CONTACTS:

1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

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5.GOOGLE SCHOLAR

PROFILE:<https://scholar.google.com/citations?user=bIX79a8AAAAJ&hl=en>

6.RESEARCHGATE PROFILE: https://www.researchgate.net/profile/Md_Nasim_Ali

7.DATE OF BIRTH: 03/08/1978

8.DATE OF JOINING TO THE UNIVERSITY: 03/11/2015



9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph. D. (Ag.) in Genetics	BCKV	2007
MASTER'S	M. Sc. (Ag.) in Genetics	BCKV	2003
BACHELOR'S	B. Sc. (Ag.) Hons.	BCKV	2001

10. EMPLOYMENT HISTORY:

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Associate Professor	BCKV, Nadia	03 rd November 2015	Till date
Assistant Professor	RKMVERI, Belur (erstwhile RKMVU)	12 th May 2007	2 nd November 2015
Junior Scientist	WBSCST (DST, WB)	26 th December 2006	11 th May 2007

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

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	Course Coordinator, DBT sponsored M. Sc. teaching Programme in Agricultural Biotechnology at BCKV.	14 th February 2017	31 st March 2020
2.	Head of the Department, Department of Agricultural Biotechnology	17 th February 2021	Continuing
3.	Member, BCKV Accreditation Committee	30 th November 2021	-
4.	Member, Annual Report Committee	30 th November 2021	Continuing
5.	Member, ICAR-Nodal Cell, BCKV	9 th December 2022	Continuing

6.	Coordinator, JRF and SRF coaching cell for the Module Plant Biotechnology	21 st December 2022	Continuing
7.	Member of Website Committee, BCKV	31 st May 2023	Continuing
8.	Secretary, Faculty Council, Faculty of Agriculture, BCKV	1 st June 2023	30 th November 2024

12. AREA OF RESEARCH :

- Molecular markers and Crop Improvement against biotic and abiotic stress
- Enhancing Plant Secondary Metabolites through *in vitro* culture
- DNA Barcoding for Species identification
- Metagenomics and Bacterial Bioremediation

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	ABT-304	Principles and Practices of Agricultural Biotechnology	1+1
	EC-366	Micropropagation Technologies	1+2
POST GRADUATE	MBB-501	Principles of Biotechnology	3+0
	MBB-504	Techniques in Molecular Biology	0+3
	MBB-508	Introduction o Bioinformatics	2+1
	MBB-591	M. Sc. Seminar	0+1
Ph.D.	MBB-601	Plant Molecular Biology	3+0
	MBB-608	Computational and Statistical tools in Biotechnology	2+1
	MBB-691	Ph. D. Seminar I	0+1

14. NUMBER OF STUDENTS SUPERVISED:

Master's.

11

Doctoral:

09

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Sustainable Agriculture with Low cost Technology (Phase-I-III)	Rural Technology Action Group-Eastern India (RuTAG-EI), IIT, Kharagpur	Completed	PI
2	Efficacy of microbial pesticides and natural enemy to control pest in the farmers' field	Department of Science & Technology, Govt. of West Bengal	Completed	PI
3	Study on Bamboo <i>in vivo</i> and <i>In vitro</i> growing in South Bengal through Morphological and Molecular Approaches	with West Bengal State Council of Science and Technology (WBSCST), under DST, WB	Completed	PI

4	Improved Quality of Rural Life through Scientific Management of Natural Resources	Department of Science and Technology, Government of India	Completed	Co-PI
5	Anti tumor efficacy of Black Tea Polyphenols”	National Tea Research Foundation	Completed	Co-PI
6	In search of potential tumor marker	Department of Science and Technology, Govt. of West Bengal	Completed	Co-PI
7	Applied mutagenesis to develop mutants possessing spine-less and YVMV resistant characters in Okra	Department of Atomic Energy, Board of Research in Nuclear Science (BRNS), Govt. of India	Completed	Co-PI
8	Induced Mutation for resistance to spot blotch of wheat caused by Bipolaris oryzae	Department of Atomic Energy, Board of Research in Nuclear Science (BRNS), Govt. of India	Completed	Co-PI

16. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	One day seminar on ‘Food security and G.M. Crops’	30 th October 2013	RKMVU, Narendrapur	Organizing Secretary
2.	One day workshop to disseminate the knowledge and Experience of the DST (Govt. WB) -Funded project entitled as “Efficacy of microbial pesticides and natural enemy to control pest in the farmers’ field”	22 nd February 2014	Parulda, South 24 Parganas	Organizing Secretary
3.	One day seminar on ‘Food security and Sustainable Agriculture’	on 2 nd March 2014	RKMVU, Narendrapur	Member of Organizing committee
4.	Two days Annual Conference of Bengal Economic Association	21-22 nd March 2015	RKMVU, Narendrapur	Treasurer of Organizing committee
5.	Two days Workshop on BARC Initiative programme on “Rural Technologies for Entrepreneurship Development	26-27 th March 2015	RKMVU, Narendrapur	Programme Coordinator
6.	National Seminar on “Resource based inclusive Agriculture and Rural Development: Opportunities	15-16 th January 2016	RKMVU, Narendrapur	Member of organizing committee

	and challenges”			
7.	International Symposium on “Eco – Efficiency in Agriculture & Allied Research (EEAAR 17)”	20-23 rd January, 2017	FACC, BCKV, Kalyani	Member of organizing committee
8.	State level capacity building workshop on GM Crops and Biosafety	3 rd April, 2018	FACC, BCKV, Kalyani	Organizing secretary
9.	International Seminar on “Agriskills for convergence in research industry & livelihood (ACRIL)”	28 th November to 1 st December, 2019	FACC, BCKV, Kalyani, Nadia.	Member of organizing committee
10.	National Level workshop on Jute Production, Marketing and Utilization strategies	25 th February, 2021	FACC, Kalyani, Nadia	Member of organizing committee
11.	7 th Regional Science & Technology Congress 2024-25	14-15 January 2025	BCKV, Mohanpur, Nadia	Member of organizing committee

17. PATENTS/ HONOURS/ AWARDS/ RECOGNITION:

- Awarded National Scholarship in 1994.
- Qualified National Eligibility Test (NET), 2004 in Genetics.
- Qualified National Eligibility Test (NET), 2006 in Plant Breeding.
- Recognized by International Accreditation Organization (USA) and awarded “Certified Faculty Member” in 2013.
- Received CWSS Young Scientist Award 2016
- Received CWSS Fellow Award 2019
- Executive Editor, Journal of Crop and Weed (ISSN: 09746315) during 2019-2023

18. PUBLICATIONS

A. BOOKS


- Dasgupta, D., Mallick, A. K., Das, P. K., Goswami, R., Dutta, A. and Ali, N. (Eds.) (2012). Integrated Rural Development and Management: Issue, Strategies and Policy Options. Agrobios (India).
- Yeasmin, L. and Ali Md. N. (2014). Evaluation of Salt Tolerance in Paddy. LAMBERT Academic Publishing (Germany).
- Ali, Md. N. and Mandal N. 2018. Practical Manual on Principles and Practices of Agricultural Biotechnology (ABT 304). Faculty of Agriculture, BCKV.
- Ali, Md. N. and Mandal N. 2018. Practical Manual on Micropropagation Technologies (EC-366). Faculty of Agriculture, BCKV.
- Ali, Md. N. and Mandal N. 2018. Practical Manual on Bioinformatics (ABT553). Faculty of Agriculture, BCKV.
- Mandal, N. and Ali, Md. N. 2019. Practical Manual on Plant Tissue Culture and Genetic Transformation (ABT 551). Faculty of Agriculture, BCKV.
- Sharangi, A. B.; Ali, Md. N., and Sinharay, S. (2022). Botany and Breeding of spice crops. New India Publishing Agency, New Delhi.

B. RESEARCH PAPERS (Best 10)

- Chakraborty *et al.* (2014). Rapid Estimation of Compost Enzymatic Activity by Spectral Analysis Method Combined with Machine Learning. *Waste Management*, **34**: 623-631. (<https://doi.org/10.1016/j.wasman.2013.12.010>) (**Elsevier, NASS:14.10**)
- Ali *et al.* (2014). Screening of rice landraces for salinity tolerance at seedling stage through morphological and molecular markers. *Physiology and Molecular Biology of*

- Plants*, **20** (4): 411–423. (<http://dx.doi.org/10.1007/s12298-014-0250-6>.) (**Springer, NAAS: 9.50**)
- iii. Ali *et al.* (2014). Selection of Rice Genotypes for Salinity Tolerance through Morpho-biochemical Assessment. *Rice Science*, **21** (5): 288-298 ([https://doi.org/10.1016/S1672-6308\(13\)60189-4](https://doi.org/10.1016/S1672-6308(13)60189-4)). (**Elsevier, NAAS :11.60**)
 - iv. Ray *et al.* (2017). Elimination and molecular identification of endophytic bacterial contaminants during in vitro propagation of *Bambusa balcooa*, *World Journal of Microbiology and Biotechnology*, **33**: 31, (<https://doi.org/10.1007/s11274-016-2196-z>) (**Springer, NAAS 10.10**)
 - v. Salma *et al.* (2018). Elicitor mediated enhancement of wedelolactone in cell suspension culture of *Eclipta alba* (L.) Hassk. *Plant Cell, Tissue and Organ Culture*, **134**: 409–421. (<https://doi.org/10.1007/s11240-018-1431-8>) (**Springer, NAAS: 9.00**).
 - vi. Kundu *et al.* (2018). Development of transgenic hairy roots and augmentation of secondary metabolites by precursor feeding in *Sphagneticola calendulacea* (L.) Pruski, *Industrial Crops and Products*, **121**: 206-215. (<https://doi.org/10.1016/j.indcrop.2018.05.009>) (**Elsevier, NAAS: 11.90**).
 - vii. Mukherjee *et al.* (2022). Microbiological properties of Beejamrit, an ancient Indian traditional knowledge, uncover a dynamic plant beneficial microbial network. *World Journal of Microbiology and Biotechnology*, **38** (7):111. (<https://doi.org/10.1007/s11274-022-03296-3>). (**Springer, NAAS 10.10**)
 - viii. Mukherjee *et al.* (2023). Revisiting the oldest manure of India, Kunapajala: Assessment of its animal waste recycling potential as a source of plant biostimulant. *Frontiers in Sustainable Food System*, **6**:1073010. (<https://doi.org/10.3389/fsufs.2022.1073010>.) (**Frontiers, NAAS 10.70**)
 - ix. Sarkar *et al.* (2023). Molecular characterization of vermicompost-derived IAA-releasing bacterial isolates and assessment of their impact on the root improvement of banana during primary hardening. *World Journal of Microbiology and Biotechnology*, **39**:351(<https://doi.org/10.1007/s11274-023-03809-8>). (**Springer, NAAS 10.10**)
 - x. Sutradhar *et al.* (2024). The overexpression of OsMed 37_6, a mediator complex subunit enhances salt stress tolerance in rice. *Biocatalysis and Agricultural Biotechnology*, **58**:103212. (<https://doi.org/10.1016/j.bcab.2024.103212>) (**Elsevier, NAAS: 10.00**).
 - xi. Ray *et al.* (2025). Assessment of Bacillus derived indolic components on banana (*Musa acuminata*). *Biocatalysis and Agricultural Biotechnology*, **64**: 103506 (<https://doi.org/10.1016/j.bcab.2025.103506>) (**Elsevier, NAAS: 10.00**).

Date: 13.03.2025


Signature with Date