

Dr. Md. Nasim Ali

Phone: + (91) 8902107881 (Mobile)
+ (91) 9831941312 (Mobile)
Email: nasimali2007@gmail.com
ORCID ID: orcid.org/0000-0003-4899-3892
Scopus Author ID: 55262713800
Researcher ID: C-4899-2015



Birth: 03 August, 1978

ADDRESS FOR CORRESPONDENCE:

Associate Professor, Department of Agricultural Biotechnology, Faculty of Agriculture, Bidhan Chandra Krishi Viswavidyalaya, P.O: Krishi Vidyalaya, Mohanpur, Nadia-741252

PROFESSIONAL EXPERIENCE:

- Worked as a Junior Scientist in Plant Tissue Culture & Biotechnology cell in West Bengal State Council of Science & Technology, Bikash Bhavan, Salt Lake, Kolkata-700091 from 26th December, 2006 to 11 May, 2007 (both days inclusive).
- Worked as Assistant Professor in the Faculty Centre for Integrated Rural Development & Management under School of Agriculture and Rural Development, Ramakrishna Mission Vivekananda University, Ramakrishna Mission Ashrama, Narendrapur, Kolkata-700103 from 12 May 2007 to 02 November 2015 (both days inclusive).
- Working as Associate Professor, Department of Agricultural Biotechnology, Faculty of Agriculture, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur Nadia-741252 from 03 November 2015.

AREAS OF COMPETENCE:

- Conventional and Biotechnological approaches for crop improvement
- Molecular breeding
- Computational Biology
- Plant tissue culture

CURRENT RESEARCH INTERESTS:

- Crop Improvement for Biotic and abiotic stress

ACADEMIC QUALIFICATION:

- In 2007: Ph. D. (Ag.) in Genetics from Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, W.B.
- In 2003: M. Sc. (Ag.) in Genetics from Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, W.B.
- In 2001: B. Sc. (Ag.) from Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, W.B.

HONORS AND AWARDS:

- 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”
- Awarded Gold medal for best oral paper (entitled as ‘Leaf **mutant of tossa jute (*Corchorus olitorius* L.) and their isozyme diversity**’) presentation in National Conference 2009 on “Plant Sciences: Diversity, Products and Environmental Planning” held on 11th & 12th October, 2009 at Department of Botany, Marwari College, Ranchi organized by Society for Academy of Plant Sciences of India (APSI).
- Awarded for best paper (Second) for paper titling ‘A study on Shelf lifeof *Panchagavya* and *Sanjibani*.....manures’ in National Seminar on ‘Integrated Rural Development and Management: Issues, Strategies and Policy option’ held on 17-18 December. 2010 at IRDM Faculty Centre, Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata-700103
- Awarded for best paper (Third) for paper titling ‘A study on Shelf lifeof *Kunapajala* and *Shasyagavya*.....manures’ in National Seminar on ‘Integrated Rural Development and Management: Issues, Strategies and Policy option’ held on 17-18 December. 2010 at IRDM Faculty Centre, Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata-700103
- Awarded for best paper for paper titling ‘Selection of Salt tolerant *Rhizobium*.....for greengram’ in 18th West Bengal State Science & Technology Congress held on 28th February- 1st March, 2011 at Ramakrishna Mission Residential College (Autonomous), Ramakrishna Mission Ashrama, Narendrapur, Kolkata, W. B.

- Awarded for best poster presentation for paper titling “Evaluation of Yield and Its Components in mungbean under saline and non saline condition” in the “International Seminar on Integrating Agriculture & Allied Research: Prioritizing Future Potential for Secure Livelihoods (ASIAAR) held on 6- 9 November, 2014 organized by Crop and Weed Society, Bidhan Chandra Krishi Viswavidyalaya at Kalyani, Nadia, W. B.

PH. D DISSERTATIONS:

- Acted as Co-guide of Mr. Uttam Saha who has been awarded Ph. D degree under Dr. Pinaki Acharyya (Guide) from the Department of Horticulture, Institute of Agricultural Science, and University of Calcutta.
- Acting as guide for four students registered in the Department of Agricultural Biotechnology at IRDM Faculty Centre of Ramakrishna Mission Vivekananda University.

M. SC. DISSERTATIONS SUPERVISED:

1. As a Supervisor of dissertation work of Lucina Yeasmin, M. Sc. in Agricultural Biotechnology at IRDM Faculty Centre (2010-12).
2. As a Co-Supervisor of dissertation work of Shauroseni Palchowdhury, M. Sc. in Agricultural Biotechnology at IRDM Faculty Centre (2010-12).
3. As a Supervisor of dissertation work of Bhaswati Ghosh, M. Sc. in Agricultural Biotechnology at IRDM Faculty Centre (2011-13).
4. As a Co-Supervisor of dissertation work of Sheela Mahato, M. Sc. in Agricultural Biotechnology at IRDM Faculty Centre (2011-13).
5. As a Supervisor of dissertation work of Vibha Singh, M. Sc. in Agricultural Biotechnology at IRDM Faculty Centre (2012-14).

AS EXTERNAL EXAMINER

- Uttar Banga Krishi Viswavidyalaya, Coochbehar
- Jadavpur University, Kolkata
- Institute of Agricultural Science, Calcutta University, Kolkata.
- Orissa University of Agriculture and Technology, Orissa.

LIFE MEMBER

- The Indian Science Congress Association (ISCA)
- Association for Plant Breeding and Improvement (APBI)
- The Indian Natural Fibre Society (TINFS)
- The Crop and Weed Science Society (CWSS)

EDITORIAL BOARD MEMBER

The member of the editorial board of The "Journal of Phytology" an international online peer-reviewed Journal published by Scienceflora (eISSN : 2075-6240).

PUBLICATIONS

BOOKS

- i. 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*. Udaipur: Agrobios.
- ii. Lucina Yeasmin and Md. Nasim Ali. (2014). *Evaluation of Salt Tolerance in Paddy*. LAMBERT Academic Publishing (Germany).

RESEARCH PAPERS (Best 10 publications)

1. K. Chattopadhyay, **Md. Nasim Ali**, H. K. Sarkar, N. Mandal and S. Bhattacharyya. (2005). Diversity analysis by RAPD and ISSR markers among the selected mungbean [*Vigna radiata* (L.) Wilczek] genotypes. *Indian J. Genet.*, **65** (3): 173-175. (ISSN: 0019-5200)(<http://www.indianjournals.com/ijor.aspx?target=ijor:ijgpb&volume=65&issue=3&article=003>) (**NASS rating 2015:6.19**)
2. **Md. Nasim Ali**, K. Chattopadhyay, H. K. Sarkar, N. Mandal and S. Bhattacharyya. (2007). Diversity among selected blackgram accessions on the basis of RAPD and ISSR markers. *Indian J. Genet.*, **67**(2):171-172. (ISSN: 0019-5200) (<http://www.indianjournals.com/ijor.aspx?target=ijor:ijgpb&volume=67&issue=2&article=016>) (**NASS rating 2015:6.19**)
3. Pratibha Dube, Moumita Gangopadhyay, Saikat Dewanj and **Md. Nasim Ali**. (2011). Establishment of a rapid multiplication protocol of *Coleus forskohlii* Briq. and *in vitro* conservation by reduced growth. *Indian Journal of Biotechnology*, **10**: 228-231. [Impact Factor 0.55] (**NASS rating 2015:6.51**)
4. **Md Nasim Ali**, A Ghosh, B G Sasmal, H K Sarkar and P K Das. 2012. Isozyme diversity in selected leaf mutants of 'tossa' jute (*Corchorus olitorius* L.). *Indian Journal of Biotechnology*, **11**: 333-231. [Impact Factor 0.55] (**NASS rating 2015:6.51**)
5. Pratik Satya, Ruby Banerjee, Chinmay Biswas, Maya Karan, Swagata Ghosh, and **Nasim Ali** (2013) Genetic Analysis of Population Structure using Peroxidase Gene (POG) and Phenylalanine Ammonia-lyase Gene (PALG) Based DNA Markers: A Case Study in Jute

(*Corchorus* spp.) *Crop Science*, DOI: 10.2135/cropsci2013.08.0518; [Impact Factor 1.91]
(**NASS rating 2015:7.48**)

6. Moumita Gangopadhyay, Saikat Dewanjee, Kamelia Chakraborty, **Mahammad Ali** and Salil Gupta. 2013. Continued foliar herbivory by the red spider mite *Tetranychus macfarlanei* on *Plumbago zeylanica* severely reduces the levels of a medicinally important metabolite in the roots, *Journal of plant Interaction*, DOI: 10.1080/17429145.2013.865795 [Impact Factor 0.897] (**NASS rating 2015:6.87**)
7. Lucina Yeasmin, Md. **Nasim Ali**, Saikat Gantait and Somsubhra Chakraborty. 2014. Bamboo: an overview on its genetic diversity and characterization, *3Biotech* DOI 10.1007/s13205-014-0201-5 (Springer).
8. **Md. Nasim Ali**, Bhaswati Ghosh, Saikat Gantait and Somsubhra Chakraborty. 2014. Selection of Rice Genotypes for Salinity Tolerance through Morpho-biochemical Assessment. *Rice Science*, **21**(5): 288-298 (DOI: 10.1016/S1672-6308(13)60189-4) (Elsevier). (**NASS rating 2015:4.59**)
9. Saikat Gantait, Uma Rani Sinniah, **Nasim Ali** and Narayan Chandra Sahu. 2015. Gibberellins: a multifaceted hormone in plant growth regulatory network. *Current Protein & Peptide Science*. [Impact factor: **2.328**]
10. Saikat Gantait, Suprabuddha Kundu, **Nasim Ali** and Narayan Chandra Sahu. 2015. Synthetic seed production of medicinal plants: a review on influence of explants, encapsulation agent and matrix, *Acta Physiol. Plantarum*. 2015. *Acta Physiol Plant*, **37**: 98 (DOI 10.1007/s11738-015-1847-2) [Impact factor: **1.524**] (**NAAS rating 2015: 7.52**).

SEMINAR/SYMPOSIUM/WORKSHOP ATTENDED

Obtained accession number for 13 Sequences of 16S rDNA of Arsenic resistant bacteria.

SEMINAR/SYMPOSIUM/WORKSHOP ATTENDED

International level: 9; National level: 11; State level: 4

PROFESSIONAL TRAINING ATTENDED

1. Training programme on “Conservation and evaluation of germplasm for higher yield and quality with special reference to jute and allied fibre” from 13-17 September, 2004 at CRIJAF, Barrackpore.
2. Training programme on “Protection of jute varieties and testing for distinctness, uniformity and stability” from 8-11 August, 2005 at CRIJAF, Barrackpore.

3. Training programme on “Analysis of Biopesticides for quality control” from 16-10-08 to 24-10-08 at the NPPTI, Hyderabad.
4. Training programme on “Mass production of biocontrol agents” from 17-11-08 to 25-11-08 at the PDBC, Bangalore.
5. Participation in a discussion on “The status of organic farming in Indian context and its future” held at Bhubaneswar, Orissa. 24th–27th October, 2008
6. Participated in ‘36th Orientation Programme’ organized by Academic Staff College, Jadavpur University , Salt Lake Campus during 11 July – 6 August , 2011.
7. Invited as resource person to attend SATNET Asia National Training Programme on “Cost benefit analysis of Agricultural technologies” during 25-27 November 2013 at Thimphu, Bhutan, Organized by Asia and Pacific Centre for Transfer of Technology (APCTT) under United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), New Delhi and Council for RNR Research of Bhutan (CoRRB), Ministry of Agriculture and Forest (MoAF), Bhutan.
8. Invited as resource person to attend SATNET National Training Programme on “Best Practices in Integrated Nutrient Management and Jeevatu Based Cost-effective Organic Farming” during 23-25 April 2014 at Kathmandu, Nepal Organized by Asia and Pacific Centre for Transfer of Technology (APCTT) under United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), New Delhi and Nepalese Farming Institute (NFI), Nepal.
9. Attended ICAR sponsored Winter School on 'Bioinformatics and its Emerging Dimensions in Agriculture' organized at Bioinformatics Centre, KAU during 12th January to 1st February, 2015.

REVIEWED FOR

1. African Journal of Biotechnology, a peer reviewed journal indexed by Chemical Abstracts, CAB Abstracts, AJOL, EMBASE, DOAJ, EBSCO, Open J-Gate, Proquest, Genamics Journal Seek, HINARI, Index Academicus, Medbioworld, ASCI, VCU Library, ABC-Chemistry (ISSN 1684-5315).
2. Journal of cereals and oilseeds, a peer reviewed open access journal indexed by Chemical Abstracts (ISSN 2141-6591).
3. Natural Product Communications, an International Journal for Communications and Reviews (Impact Factor 1.24).
4. Agroforestry Systems (Impact Factor 1.373) an international Journal (Springer)
5. Reviewed for Journal of Plant Research (Springer; Impact Factor 2.51)
6. Reviewed for BMC- Plant Biology Journal (Springer; Impact Factor 3.81)