



DR. ANINDA CHAKRABORTY

Agriculture Professional

ABOUT ME

A dedicated and accomplished Agriculture Ph.D. holder with a strong commitment to advancing sustainable and innovative practices in seed production and quality analysis. Combining academic expertise with hands-on experience, I specialize in optimizing seed production techniques and enhancing seed quality assessment methodologies. Passionate about addressing current challenges in the agricultural sector, I strive to develop impactful solutions that ensure seed viability, purity, and performance for improved agricultural productivity.

WORK EXPERIENCE

Assistant Professor

Aug 2021- Present

Department of Genetics & Plant Breeding and Seed Science & Technology in Centurion University of Technology and Management, Paralakhemundi, Odisha, India, PIN- 76111

- Lab In-charge of **Seed Testing Laboratory**
- Farm In-charge for **125 acres of Paddy Seed Production** in Kharif season
- Farm In-charge for **100 acres of Maize Hybrid Seed Production** in Rabi season
- **NSDC trainer** for "Seed Production Unit"
- Remote Pilot Trainer for Cat 1 Rotorcraft, Certificate No.- IND-E-CUTM-2024-125

RESEARCH EXPERIENCE

- Two years of research experience during persuasion of thesis work entitled "Variation in Seed Production Potential of China Aster Varieties and Its Deterioration due to Storage" during M.Sc. (Ag.) program in Seed Science & Technology.
- Two years of research experience during persuasion of thesis work entitled "Pre-sowing Seed Priming with Ag-Nanoparticle in Green gram: Chemo-Morphic Changes during Seed Development and Response Pattern for Seed Production" during Ph.D. program in Seed Science & Technology.

Prof. M. Subba Rao

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<https://www.researchgate.net/profile/Aninda-Chakraborty>

Haringhata, District- Nadia, West Bengal, India, PIN- 741249.

EDUCATION

Bachelor of Science (Agriculture)

Uttar Banga Krishi Viswavidyalaya

2012 - 2016

Masters of Science (Agriculture)

with specialization in Seed

Science and Technology

Bidhan Chandra Krishi Viswavidyalaya

2016 - 2018

Doctor of Philosophy (Agriculture)

with specialization in Seed

Science and Technology

Bidhan Chandra Krishi Viswavidyalaya

2018 - 2022

EXPERTISE

Seed Production

Field Trial

Seed Testing

Seed Storage

Seed Quality Analysis

LANGUAGE

English

Bengali

Hindi

Odia

PUBLICATION

BOOK

- Sanjoy Kumar Bordolui and Aninda Chakraborty (2020). Mission Seed Technology. Objective Book on Seed. Lambert Publication.
- Aninda Chakraborty, DJMSNK Sri Veda, Jui Ray and Sanghamitra Rout (2025). Advances In Seed Treatment Technologies. International Books and Periodicals Supply Service.

RESEARCH ARTICLE: 11

REVIEW ARTICLE: 1

PATENT

- Sanghamitra Rout, Aninda Chakraborty et. al., Seed Quality Analyzer Device. 399422-001. 07/11/2023. 04/01/2024

BOOK CHAPTER: 3

ABSTRACTS / CONFERENCE PROCEEDINGS : 7

TRAINING PROGRAM / WORKSHOPS ATTENDED: 8

CONFERENCE / WORKSHOPS ORGANISED

- International Workshop on "Upliftment of Agriculture sector of Viksit Bharat 2047" from July 08th-14th, 2024 with Eco Fast Agri Solution.
- "3 Days virtual training program on Analysis and Visualization of biometrical data in agricultural research using R software" by Department of Genetics and Plant Breeding, Centurion University of Technology and Management from October 23rd-25th, 2024.
- "2 days hands-on training on Basic Techniques of Molecular Biology" by Department of Genetics and Plant Breeding, Centurion University of Technology and Management from October 28th-29th, 2024.
- "3 days National Conference CSA:IAS 2025 Climate Smart Agriculture: Innovation and Adoption for Sustainability" by Centurion University of Technology and Management from January 21st-23rd, 2025.