

Profile

1. Basic Information:

Name: Tanmay Shee

Designation: Lecturer in Botany

Institution: Dinakrushna College, Jaleswar

Date of Joining: 1st October 2024

Email Id: tanmayshee22@gmail.com

Contact Number: 9778523728



2. Academic Qualifications:

Degree	Subject	University	Year
B.Ed.	Pedagogy of Biological and Physical Science	Andhra Keshari University	2025
M.Sc.	Botany	Ranchi University	2022
B.Sc.	Botany (Hons.)	F.M. University	2020

3. Teaching Experience:

Total Teaching Experience: 02 Years

Hons Teaching Experience: 02 Years

4. Area of Specialization:

Plant Physiology, Biotechnology and Molecular Biology

5. Research Details:

M. Sc. Research Area

Callus Induction and Shoot Regeneration of *Vigna radiata* (L.) plant.

This study reveals that *Vigna radiata* (L.) can be successfully regenerated through in vitro tissue culture. Callus formation was obtained from leaf explants using MS medium supplemented with IAA and BAP, while shoot regeneration was achieved from cotyledonary nodes. The study establishes a useful regeneration protocol that can support future genetic improvement of mung bean for traits such as disease resistance, stress tolerance and improved protein quality.

6. Courses Taught:

Microbiology & Phycology, Cell Biology, Molecular Biology, Reproductive Biology and Plant Anatomy, Biotechnology, Analytical Techniques.

7. Workshop / Seminar:

Participated in One day State Level Seminar on “**Membrane Transport**” organized by Department of Botany, Laxminarayan Mahavidyalaya, Jamsuli, Balasore on 17th September 2025.

Workshop

Workshop on Basic Molecular Biology Techniques – ICAR

ICAR-Indian Institute of Agricultural Biotechnology (IIAB), Ranchi (4th – 9th October 2021)

Participated in a workshop on Basic Molecular Biology Techniques, gaining practical exposure to various molecular biology protocols, including *DNA/RNA isolation, PCR, RT-PCR, Agarose Gel Electrophoresis* and related laboratory techniques.

8. Administrative Responsibilities

- Officer-in-charge of Boy's Common Room

Place - Jaleswar



Date: 1st January 2026