



**DEPARTMENT OF ENVIRONMENTAL SCIENCE
TEZPUR UNIVERSITY
NAPAAM, TEZPUR – 784028, ASSAM, INDIA**

**Satya Sundar Bhattacharya, PhD
Assistant Professor**

**Tel: +91-3712-275610-5610
Satya72@tezu.ernet.in**

Certificate of the Supervisor

This is to certify that the thesis entitled “**Influence of silver and oxalate capped iron oxide nanomaterials on plant and soil environment**” submitted to the **School of Sciences** Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in **Environmental Science** is a record of research work carried out by **Ms. Pallabi Das** under my supervision and guidance.

All help received by her from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

Signature

Supervisor

Dr. Satya Sundar Bhattacharya



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Certificate of the Co- Supervisor

This is to certify that the thesis entitled “**Influence of silver and oxalate capped iron oxide nanomaterials on plant and soil environment**” submitted to the **School of Sciences** Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in **Environmental Science** is a record of research work carried out by **Ms. Pallabi Das** under my supervision and guidance.

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Signature

Co-Supervisor: **Dr. Sanjay Pratihar**

Designation: **INSA Young Scientist**

Affiliation: **Organometallic and material chemistry lab.**

Department: **Chemical Sciences**