

# **A Study on Lake Eutrophication Dynamics and Management Through Data-Driven Modelling**

A Thesis Submitted  
in Partial Fulfilment of the Requirements  
for Award of the Degree of

**Doctor of Philosophy**

**Biswajit Bhagowati**

(Registration No. TZ189805 of 2018)



DEPARTMENT OF CIVIL ENGINEERING  
SCHOOL OF ENGINEERING

**TEZPUR UNIVERSITY**

TEZPUR - 784028, ASSAM, INDIA

November, 2023