## BIODIESEL PRODUCTION FROM NON-EDIBLE OIL VIA TRANSESTERIFICATION REACTION USING HETEROGENEOUS CATALYST DERIVED FROM POST-HARVEST PLANTS

## **A THESIS**

## SUBMITTED TO BODOLAND UNIVERSITY FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN CHEMISTRY IN THE FACULTY OF SCIENCE AND TECHNOLOGY



SUBMITTED BY BIDANGSHRI BASUMATARY DEPARTMENT OF CHEMISTRY BODOLAND UNIVERSITY, KOKRAJHAR–783370, INDIA APRIL, 2024