

**CHARACTERIZATION AND BIOACTIVITY ANALYSIS OF EPIPHYTIC
AND ENDOPHYTIC BACTERIA ASSOCIATED WITH SOME
ETHNOMEDICINAL PLANTS IN MEGHALAYA**

BY

FENELLA MARY WAR NONGKHLAW

THESIS SUBMITTED

**IN FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY IN BIOTECHNOLOGY**

TO

DEPARTMENT OF BIOTECHNOLOGY & BIOINFORMATICS

NORTH-EASTERN HILL UNIVERSITY

SHILLONG, INDIA

2015