

**LICHEN DIVERSITY OF ULTAPANI FOREST RANGE,
MANAS BIOSPHERE RESERVE, ASSAM AND BIOLOGICAL
ACTIVITY OF SELECTED SPECIES**

**A THESIS SUBMITTED TO
THE DEPARTMENT OF BOTANY, BODOLAND UNIVERSITY**

**FOR THE AWARD OF
DEGREE OF DOCTOR OF PHILOSOPHY IN BOTANY**

**UNDER
FACULTY OF SCIENCE AND TECHNOLOGY**



**SUBMITTED BY
PUNGBILI ISLARY**

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