

**CHARACTERIZATION AND DIVERSITY ANALYSIS OF  
METAL TOLERANT PSEUDOMONADS FROM URANIUM  
RICH AREA OF MEGHALAYA**

**By**

**BARNALI SARMA**



**DEPARTMENT OF BIOTECHNOLOGY & BIOINFORMATICS  
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NORTH-EASTERN HILL UNIVERSITY  
SHILLONG -793022**

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



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