

Impact of commonly used herbicide(s)
and pesticide(s) on nitrogen
metabolism of free-living cyanobacterial
isolates from rice fields of Meghalaya

By

Natasha A Nongrum

Submitted in partial fulfillment of the requirement for the
degree of DOCTOR OF PHILOSOPHY IN BIOCHEMISTRY

NORTH EASTERN HILL UNIVERSITY

Shillong, Meghalaya, India.

December 2012