

Studies on anti-tumor and radioprotective potentials of *Dioscorea alata* L. and *Clerodendron colebrookianum* Walp. in mammalian cell systems

ABHISHEK DAS



DEPARTMENT OF BIOTECHNOLOGY AND BIOINFORMATICS

**NORTH-EASTERN HILL UNIVERSITY
SHILLONG – 793022**

**Studies on anti-tumor and radioprotective
potentials of *Dioscorea alata* L. and
Clerodendron colebrookianum Walp. in
mammalian cell systems**



by

ABHISHEK DAS

DEPARTMENT OF BIOTECHNOLOGY AND BIOINFORMATICS

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

**OF
NORTH-EASTERN HILL UNIVERSITY,
SHILLONG**