DECLARATION

I, Chandra Kanta Bhattacharjee, hereby declare that the subject matter of the thesis is the record of the work done by me, that the content of this thesis did not form basis of the award of any previous degree to me or to the best of my knowledge to anybody else, and that the thesis has not been submitted by me for any research degree in any other university/institute.

This is being submitted to the Assam Don Bosco University for the award of degree of Doctor of Philosophy in Department of Biotechnology.

Signature

(Chandra Kanta Bhattacharjee)

Research Scholar

Signature

(Dr. Prasanta K. Borah)

Supervisor

Signature with date and seal

(Name of the Head of the Department)

Head of the Department

Head
Department of Life Science
Assam Don Bosco University
Tapesia Gardens, Sonapur,
Assam-782402, India