

DECLARATION

I, Sandip Bordoloi, 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 Electrical and Electronics Engineering.

Sandip Bordoloi

Sandip Bordoloi

Research Scholar

Laskar

Dr. Shakuntala Laskar

Supervisor

Laskar

Dr. Shakuntala Laskar

Head of the Department

Dept. of Electrical &
Electronics Engineering
SCHOOL OF TECHNOLOGY
ASSAM DON BOSCO UNIVERSITY
Airport Road, Apara,
Jorhat - 781017, Assam