DECLARATION

I, hereby, declare that this thesis is the result of my own research work which has been carried out under the supervision of Prof. (Mrs.) Pranayee Datta, Head, Department of Electronics and Communication Technology, Gauhati University. The results quoted from other workers have properly been referred to. I would like to declare that this thesis, as a whole or any part thereof, has not been submitted for the award of any research degree to this University or any other University/Institution.

Countersigned by
Research Guide

Prof.(Mrs.) Pranayee Datta
HOD, Dept. of Electronics & Communication Technology
Gauhati University
Guwahati- 781014, Assam

Head, Department of
Electronics & Communication Technology
Gauhati University

Kalpana Roy Sinha
Lecturer, Selection Grade.
Assam Engineering Institute.
Guwahati, Assam.