# DECLARATION BY THE CANDIDATE

I, Happy Borgohain, hereby declare that the subject matter in this thesis entitled, **"Neutrinoless double beta decay, lepton flavor violation and neutrino phenomenology in left-right symmetric model"**, is a presentation of my original research work. Although contributions of others are involved, every effort is made to indicate this clearly, with due reference to the literature and acknowledgment of collaborative research and discussions.

The work is original and has not been submitted earlier as a whole or in part for a degree or diploma at this or any other institute or university.

This thesis is being submitted to the Tezpur university for the degree of Doctor of Philosophy in Physics.

**Place:**                                                                                    (Happy Borgohain)

**Date:**                                                                                        TZ121758