CERTIFICATE

I hereby declare that the whole work now submitted as a Thesis entitled "*Optical and Microwave Remote Sensing in Agricultural Land Studies*" for the degree of **Doctor of Philosophy** in Botany, to The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat is the result of my own investigation, except where acknowledgement to other's work is made and it has, at no time, been submitted for any other degree.

Date : 21/01/2015 Place: Vadodara Malhi Ramandeep Kaur M. (Candidate)

I certify that the above statement is correct.

Prof. Garge Sandhya Kiran (Guide) Head and Professor Department of Botany