

## CERTIFICATE

This is to certify that the thesis entitled “**ANTIOXIDANT RESPONSE EVOKED BY *Zea mays* LEAVES AND ITS EFFECT ON OXIDANT-INDUCED MOLECULAR EVENTS IN SIMULATED *in vitro* SYSTEMS**” submitted to the Avinashilingam University for Women, Coimbatore, for the award of the degree of **DOCTOR OF PHILOSOPHY IN BIOCHEMISTRY**, is a record of original research work done by **B.KIRUTHIKA**, during the period of her study in the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam University for Women, Coimbatore, under my supervision and guidance and the thesis has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University.

*P. J. P. B.*  
*22/3/10*

**SIGNATURE OF THE GUIDE**