

CERTIFICATE

I hereby certify that the thesis entitled “**Development of *Alternaria carthami* disease resistant transgenic plants of Safflower through overexpression of Chitinase gene transformation**” submitted to Bharathidasan University, Tiruchirappalli-620 024, for the award of the degree of Doctor of Philosophy in Plant Biotechnology, embodies the results of bonafide research work carried out by **Mr.S.PRADEEP KUMAR**, under my guidance and supervision in the Department of Plant Science, School of Life Sciences, Bharathidasan University, Tiruchirappalli.

I further certify that no part of this thesis has previously formed the basis for the award to the candidate of any degree, diploma, associate ship, fellowship or other similar titles of this or any other University or Society.

(B.D.RANJITHA KUMARI)