

# CERTIFICATE

This is to certify that the dissertation entitled ,

**" NUMERICAL SOLUTIONS OF SOME DIFFERENTIAL  
EQUATIONS AND THEIR COMPUTER IMPLEMENTATIONS "**

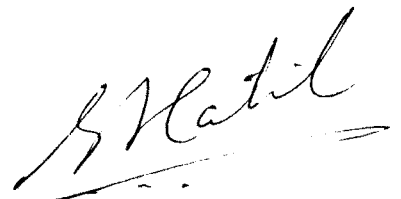
which is being presented by Shri. Algonda Subrao Desai , for the  
partial fulfillment for the award of Degree of Master of Philosophy in  
Mathematics to Shivaji University , Kolhapur is a record of the sincere  
work carried out by him under my supervision and guidance.

Place : Kolhapur.

Date : 30.6.97 .  
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