



**DEPARTMENT OF MATHEMATICS
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CERTIFICATE

This is to certify that, the thesis entitled **NUMERICAL/ANALYTICAL SOLUTIONS OF GENERALIZED CRANE'S PROBLEMS INVOLVING CONTINUOUS MOVING SURFACE**, which is being submitted by **Mr. RAJU B T** to the Bangalore University, Bangalore, for the award of degree of **Doctor of Philosophy in Mathematics**, is a genuine record of the research work carried out by him under my guidance and supervision during the period 2009-2013.

I further certify that the matter incorporated in this thesis, either partially or fully, has not been submitted by him to any other University or Institution for the award of any degree.

Place: Bangalore

Dr. K. V. PRASAD

Date: