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Certificate

This is to certify that, the thesis entitled “**Theoretical Analysis of Step Bearings with Non-Newtonian Rabinowitsch Fluid Model**” submitted to Gulbarga University, Kalaburagi by **Shri. Siddapur Shivappa S.** for the award of the degree of **Doctor of Philosophy in Mathematics** represents his original work and it has not been submitted previously in part or full, for the award of any other degree or diploma of this or any other University or Institution. He has carried out his research work at the Department of Studies and Research in Mathematics, Gulbarga University, Kalaburagi, under my supervision and guidance.

Place: **Kalaburagi**

Date:

Dr. N. B. NADUVINAMANI
Research Guide