

POST-GRADUATE DEPARTMENT OF MATHEMATICS

UTKAL UNIVERSITY, VANI VIHAR,

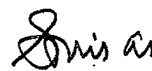
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Dated 17.1.72

This is to certify that the thesis entitled
"A FEW PROBLEMS ON FLOW OF NON-NEWTONIAN LIQUIDS
WITH AND WITHOUT HEAT TRANSFER" being submitted by
Mr. Gouranga Charan Dash, M.Sc. for the award of the
degree of " DOCTOR OF PHILOSOPHY" of the Utkal Unive-
rsity, Vani Vihar, Bhubaneswar, Orissa is a record of
bonafide research work carried out by him under my
supervision and guidance. Mr. Gouranga Charan Dash has
worked for more than two years in the Post Graduate
Department of Mathematics, Utkal University, Bhubaneswar
Orissa and the thesis has reached the standard fulfilling
the requirements of the regulation relating to the degree.
The results embodied in this thesis have not been
submitted to any other University or Institute for the
award of any degree or diploma.



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