

A THESIS ON  
FLOW AND HEAT TRANSFER OF BINGHAM MATERIAL

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C E R T I F I C A T E

is to certify that the thesis entitled "Flow and Heat Transfer of Bingham Material" being submitted by Mr. Ravindra Kumar to the Indian Institute of Technology, Delhi, for the award of the degree of Doctor of Philosophy in Mathematics, is a record of bona-fide research work carried out by him. Mr. Ravindra Kumar has worked under my guidance and supervision for the last three years. His thesis has reached the standard fulfilling the requirements of the regulations relating to the degree.

The results contained in this thesis have not been submitted in part or in full, to any other university or institute for the award of any degree or diploma.

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## A C K N O W L E D G E M E N T S

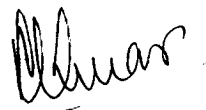
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