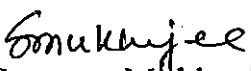


## CERTIFICATE

This is to certify that the thesis entitled "Dusty fluid flows and unsteady free convective flow and mass transfer" being submitted by Mosaraf Hossain for the award of the Degree of Doctor of Philosophy in Science to the University of North Bengal, Raja-Rammohunpur, Darjeeling, is a record of bonafide research work carried out by him under my supervision and guidance. The thesis has reached the standard fulfilling the requirements of the regulations to the Degree. The results embodied in this thesis have not been submitted to any other Institute or University for the award of any Degree or Diploma.

Date: 16.7.04.

  
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