

## CERTIFICATE

This is to certify that the thesis entitled “ Heat and Mass transfer to flow of fluid through porous medium and Dispersion of solute” being submitted by Dhritiman Sarkar 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. 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.

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