

CERTIFICATE

This is to certify that the thesis entitled "*A Study Of Some Hydromagnetic Flow And Heat Transfer Problems With Or Without Hall Current*", which is being submitted by **Ruma Rani Patra** to the Vidyasagar University, Midnapore, INDIA, for the award of the degree of *Doctor of Philosophy*, is a record of bonafide research work carried out by her in the department of Applied Mathematics with Oceanology and Computer Programming under my supervision and guidance. In my opinion the thesis has fulfilled all the requirements of the regulations related 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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Place : Midnapore

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