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CERTIFICATE

This is to certify that the thesis entitled “*An Investigation on m-Polar Fuzzy Graphs and Application*” which is being submitted by **Sonia Mandal**, a research scholar in the *Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India* in fulfillment of the degree of *Doctor of Philosophy in Science* is a record of bonafide research work carried out by him under my supervision and guidance. The thesis has fulfilled all the requirements as per the regulations of the **Vidyasagar University**, Midnapore. The result 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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