

DECLARATION

I announce that, this Dissertation is completely my own work designed and carried out by me. Any part of this Dissertation has not been submitted to elsewhere for any degree or publication.

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CERTIFICATE

This is to certify that the work embodied in this dissertation is an original research work done by Md. Azamul Haque under my supervision for the degree of Doctor of Philosophy. The references cited in it have duly been acknowledged. The style contents of the dissertation have been approved and recommended for submission.

Professor Dr. Md. Shafiqul Islam Sikdar

Supervisor