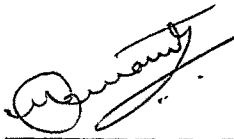


CERTIFICATE

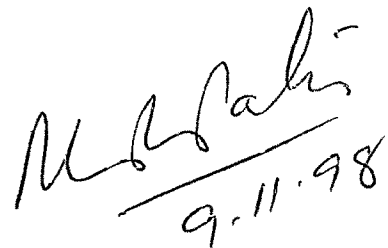
This is to certify that the contents of this thesis comprise original research work of the candidate and have at no time been submitted for any other degree.



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