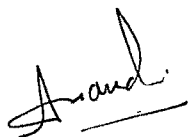


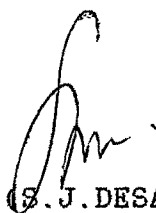
CERTIFICATE

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.



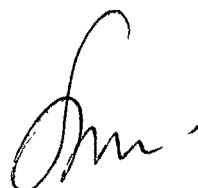
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CANDIDATE



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GUIDE



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HEAD