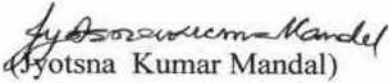


TO WHOM IT MAY CONCERN

This is to certify that the matter contained in this thesis is a genuine piece of research work executed by **Mr. Sharad Sinha**, Lecturer, Dept. of Computer Science and Application, University of North Bengal. He has completed this research work, titled **"AN APPROACH TOWARDS DESIGN AND IMPLEMENTATION OF MICROPROCESSOR-BASED CRYPTOSYSTEMS FOR SECURED TRANSMISSION"**, under my supervision fulfilling the requirements of the regulations relating to the nature and the prescribed period of the research work.

His name has been registered for the degree of Ph. D. (Computer Science) in the University of North Bengal with effect from July 19, 2004 according to the letter from the Registrar with ref. no. 168/Ph.D/CompSc/1655(R)04 dated 12.08.2004.

So far my knowledge is concerned, he was very sincere and laborious in his work and bears a good moral character. I wish him every success in life.


(Jyotsna Kumar Mandal)
Supervisor