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**Certificate**

*This is to certify that the thesis entitled "An Approach towards Development of Efficient Encryption Techniques" submitted by Sri Saurabh Dutta, who got his name registered on May 03, 2000 for the award of Doctor of Philosophy (Ph. D.) in Science of the University of North Bengal, is absolutely based upon his own work under my supervision and neither the thesis nor any part of it has been submitted for any degree/diploma or any other academic award anywhere before.*

  
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(Dr. JYOTSNA KUMAR MANDAL)