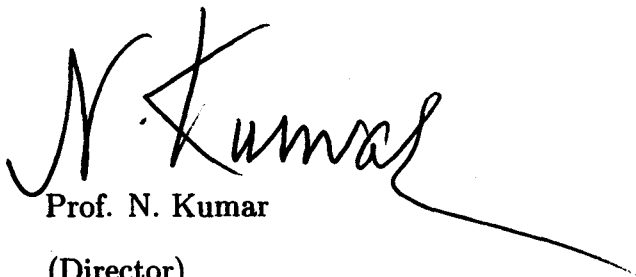



## CERTIFICATE

This is to certify that the thesis entitled **Investigations on the ripple phase of phospholipids** submitted by *Kheya Sengupta* for the award of the degree of DOCTOR OF PHILOSOPHY of Jawaharlal Nehru University is her original work. This has not been published or submitted to any other university for any other degree or diploma.



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