
CERTIFICATE FROM THE SUPERVISOR

I certify that Mr. **Prasant Nahak** has prepared the thesis entitled “**PHYSICOCHEMICAL STUDIES ON LIPIDIC COMPONENTS WITH SPECIAL REFERENCE TO MONOLAYER, BILAYER AND SOLID LIPID NANOPARTICLE**”, for the award of Ph.D. degree of the University of North Bengal, under my guidance. He has carried out the work at the Department of Chemistry, University of North Bengal.

No part of this thesis has formed the basis for the award of any degree or fellowship previously.



Amiya Kumar Panda

Date: 22.05.2017