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CERTIFICATE

I certify that *Mr. Deepak Ekka*, M. Sc. in *Chemistry*, has prepared the thesis entitled "**THERMOPHYSICAL STUDIES ON IONIC LIQUIDS AND AMINO ACIDS IN SOME LIQUID SYSTEMS**", for the award of *Ph. D. Degree (Doctor of Philosophy)* of the *University of North Bengal*, under my guidance. He has carried out the work at the *Department of Chemistry, University of North Bengal*.

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DATE: 07-11-2014