

# UNIVERSITY OF NORTH BENGAL

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### **DEPARTMENT OF CHEMISTRY**

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Dated 26 / 07 / 2019

# **CERTIFICATE**

I certify that Mr. SANKAR SAHA has prepared the thesis entitled, SYNTHESIS, CHARACTERIZATION OF TRANSITION METAL-DITHIOETHER COMPLEXES AND CATALYTIC APPLICATIONS IN ORGANIC REACTIONS for the award of Ph.D. degree of the University of North Bengal, under the guidance of Prof. (Dr.) Basudeb Basu. 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.

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fcea3381-bf82-4064-a8d0-e90af1c28bee fc88f6a0-9ae7-4d5b-a5c6-f23a1ae7bbfb 5ebcc06c-943b-472a-baa9-eca6ea0eed88

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