

## DECLARATION

I declare that the thesis entitled “**Novel Pd-Catalyzed Carbon-Carbon and Carbon-Heteroatom Cross Coupling Reactions towards the Synthesis of Diverse Functional Molecules**” has been prepared by me under the guidance of Dr. Sajal Das, Associate Professor of Chemistry, University of North Bengal and co-guidance of Dr. Mrinalkanti Kundu, Scientific Fellow/Director, TCG Lifesciences Pvt. Ltd. No part of this thesis has formed the basis for the award of any degree or fellowship previously.

*Biswajit Mondal.*

**Biswajit Mondal**

Department of Chemistry  
University of North Bengal  
Darjeeling-734013  
West Bengal  
India

DATE: 22/2/2021