

DECLARATION

I declare that the thesis entitled **Green approaches towards transition-metal-catalyzed and metal-free C-C and C-heteroatom coupling reactions** has been prepared by me under the guidance of Dr. Sajal Das (Guide), Associate Professor of Chemistry, University of North Bengal and Prof. Basudeb Basu (Co-Guide), Professor 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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