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## CERTIFICATE

This is to certify that Bappa Sarkar has prepared the thesis entitled PROBLEMS AND PROSPECTS OF IRRIGATION IN KOCH BIHAR DISTRICT, WEST BENGAL - A GEOGRAPHICAL ANALYSIS for the award of Ph. D degree in Geography & Applied Geography of University of North Bengal under my guidance. He has carried out the research work at the Department of Geography & Applied Geography, University of North Bengal and the thesis has been prepared based on the extensive field study for collection of primary data and secondary sources of information.

Vanjantay 25/4/2018 (Dr. Ranjan Roy)

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