

DECLARATION

I, Manoranjan Mandal, hereby declare that the subject matter of this thesis is the record of research work done by me, that the content of this thesis did not form the basis of the award of any previous degree to me or to do the best of my knowledge to anybody else, and that the thesis has not been submitted by me for any research degree in any other University or Institute.

This is being submitted to the University of North Bengal for the degree of Doctor of Philosophy in Geography & Applied Geography.

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1.3.2021
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Date: March 1, 2021