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Ref. No. - VU/GEO/Ph.D./144/2019

Date: 11.04.2019

### CERTIFICATE

This is to certify that Sri Amrit Kamila, Department of Remote Sensing and Geographical Information System of Vidyasagar University has carried out the Ph.D. research entitled: “*Landscape Ecological Studies of Digha-Sankarpur Coastal Tract, West Bengal, India with Application of Remote Sensing and GIS Technology*” under my supervision within the stipulated period from 21<sup>st</sup> May, 2014 to 20<sup>th</sup> May, 2019 under the new Ph.D. regulation of this University and in accordance with UGC regulations, 2009.

The present work is done by Sri Amrit Kamila, is an original research work carried out by the candidate himself and findings for this research have not been used for any other thesis submitted in any University. The result of the Ph.D. research will highlight the chronological development of the coastal landscapes, diversity of plants under the coastal topographic variations, and ecological with economical valuations of landscape units of the part of Kanthi coastal plain, West Bengal India. This is the product of a multidisciplinary research work.

I wish him every success in his life.

**Dr. Ashis Kr. Paul**  
(Supervisor)  
Professor and Head  
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The present work is done by Sri Amrit Kamila, is an original research work carried out by the candidate himself and findings for this research have not been used for any other thesis submitted in any university for the award of any degree. The result of the Ph.D. research is highlighting the chronological development of the coastal landscapes, diversity of plants under the coastal topographic variations with ecological and economical valuations of landscape units of the part of Kanthi coastal plain, West Bengal India. This is a multidisciplinary research work.

**(Dr. Jatisankar Bandyopadhyay)**

Supervisor

Assistant Professor

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