

Prof. H. Gangadhara Bhat

Chairman Dept. of Marine Geology Mangalore University

CHAIRMAN'S CERTIFICATE

This is certified that dissertation entitled "Assessment of Urban Heat Island Using Geospatial Techniques: Case study of Windhoek, Namibia" has been carried out

By

Foibe Johannes (ROLL NO: 175235201)

from January 2019 to May 2019 is a record of research work carried out under my supervision during the fourth semester, in partial fulfilment of the award of the Master of Science in Geoinformatics from Mangalore University, Mangalore.

This project was carried out under my supervision and found worthy of acceptance.

Date: 16 May 2019

Place: Mangalagangothri

Chairman

Department of Marine Geology Mangalora University MANGALAGANGOTRI - 574 199 ईएसएसओ-भारतीय राष्ट्रीय महासागर सूचना सेवा केन्द्र पृथ्वी प्रणाली विज्ञान संगठन पृथ्वी विज्ञान मंत्रालय भारत सरकार

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Earth System Science Organisation
Ministry of Earth Sciences
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Scientist 'E' and In-charge, Coastal Geospatial Applications Mission, Tsunami and Storm Surge Early Warning Services Group

CERTIFICATE

This is certified that dissertation entitled "Storm Surge Hazard Assessment along the East Coast of India Using Geospatial Techniques" submitted by Mr. Harshith C Prince (ROLL NO: 175235202) is a bonafide work carried out under my supervision at Indian National Centre for Ocean Information Service (INCOS), Hyderabad in partial fulfillment of the award of the degree of Master of Science in Geoinformatics from Mangalore University, Mangalore during January 2019 to April 2019.

This project was carried out under my supervision and found worthy of acceptance.

Date: 05/04/2019 Place: Hyderabad



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CERTIFICATE

This is certified that dissertation entitled "A Study on Variability of Thermal Fronts and Persistence of Primary Productivity Over the Arabian Sea" submitted by Ms. Shantika G Bhat (ROLL NO: 175235203) is a bonafide work carried out under my supervision at Indian National Centre for Ocean Information Service (INCOIS), Hyderabad, in partial fulfillment of the award of the degree of Master of Science in Geoinformatics from Mangalore University, Mangalore during January 2019 to April 2019.

This project was carried out under my supervision and found worthy of acceptance.

Date: 16/04/2019 Place: Hyderabad



Dr. P. C. Mohanty Project Scientist-B INCOIS, Hyderabad

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CERTIFICATE

This is certified that dissertation entitled "VARIABILITY IN PHYTOPLANKTON SIZE CLASSES IN NORTHERN ARABIAN SEA USING IN SITU AND SATELLITE DATA" submitted by Mr. Shreeharsha M Hegde (Register No: 175235204) is a bonafide work carried out under my supervision at Indian National Center for Ocean Information Service (INCOIS), Hyderabad in partial fulfillment of the award of the degree of Master of Science in Geoinformatics from Mangalore University, Mangalore during January 2019 to April 2019.

This project was carried out under my supervision and found worthy of acceptance.

Date: 23/04/299

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CERTIFICATE

This is certified that dissertation entitled "Multi-Decadal Assessmentof Mangrove Cover Changes and Shoreline Changes of the Indian Part of Sundarbans Using Remote Sensing and GIS Techniques" submitted by Ms. Shwetha Shetty (ROLL NO: 175235205) is a bonafide work carried out under my supervision at Indian National Centre for Ocean Information Service (INCOIS), Hyderabad, in partial fulfillment of the award of the degree of Master of Science in Geoinformatics from Mangalore University, Mangalore during January 2019 to April 2019.

This project was carried out under my supervision and found worthy of acceptance.

Date: 16/04/2019 Place: Hyderabad



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This is certified that dissertation entitled "COASTAL VULNERABILITY ASSESSMENT OF UTTARA KANNDA COAST, KARNATAKA USING REMOTE SENSING AND GIS TECHNIQUES" submitted by Mr. Vamshij Joseph (ROLL NO: 175235207) is a bonafide work carried out under my supervision at Indian National Centre for Ocean Information Service (INCOS), Hyderabad in partial fulfillment of the award of the degree of Master of Science in Geoinformatics from Mangalore University, Mangalore during January 2019 to April 2019.

This project was carried out under my supervision and found worthy of acceptance.

Date: 08/04/2019 Place: Hyderabad



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