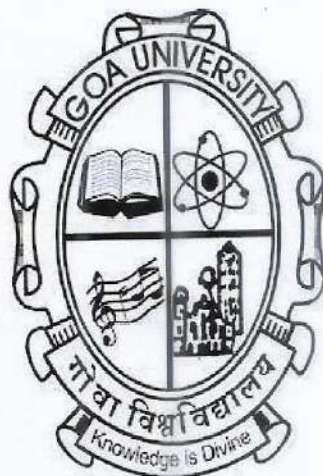


HYDROGEOMORPHOLOGICAL ANALYSIS AND FLOOD RISK SIMULATION STUDY OF TEREKHOL RIVER AND SELECTED WATERSHEDS IN NORTH GOA USING GEOSPATIAL TOOLS

Dissertation submitted to Goa University in partial fulfilment of the
requirements for the award of degree of

**MASTER OF SCIENCE
IN
APPLIED GEOLOGY**

By
VRINDA P K (B.Sc.)



School of Earth, Ocean and Atmospheric Science

Goa University,

Taleigao Plateau,

Goa, India.

2021-2022

CERTIFICATE

This is to certify that the dissertation entitled **"HYDROGEOMORPHOLOGICAL ANALYSIS AND FLOOD RISK SIMULATION STUDY OF TEREKHOL RIVER IN NORTH GOA USING GEOSPATIAL TOOLS"** which is being submitted by Ms. Vrinda P K in partial fulfillment of the requirement for the award of Master of Science in Applied Geology, School of Earth, Ocean and Atmospheric Science, Goa University, is an authentic record of the student's own work carried out by him under my guidance and supervision. The matter embodied in the dissertation has not been submitted for the award of any other degree or diploma to any other University or Institution.

Place: Goa University

Date:

Guide,

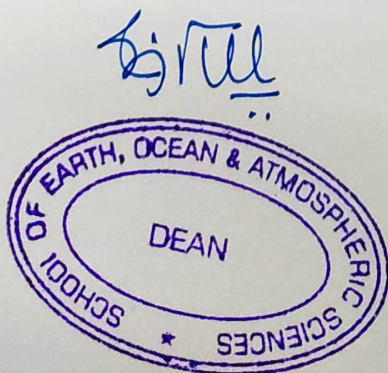

Dr. Mahender Kotha 9/5/2022

Professor

SEAOS

Goa University

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DECLARATION

I hereby declare that dissertation entitled "**HYDROGEOMORPHOLOGICAL ANALYSIS AND FLOOD RISK SIMULATION STUDY OF TEREKHOL RIVER IN NORTH GOA USING GEOSPATIAL TOOLS**" which is being submitted by Ms. Vrinda P. K. in partial fulfilment of the requirement for the award of Master of Science in Applied Geology, School of Earth, Ocean and Atmospheric Science, Goa University, is an authentic record of the outcome of the work carried out by me under the guidance and supervision of Dr. Mahender Kotha, Professor, School of Earth, Ocean and Atmospheric Science, Goa University, Taleigao Plateau, Goa. I further declare that the matter embodied in the dissertation has not been submitted for the award of any other degree or diploma to any other University or Institution.

Signature,



Vrinda P K

MSc Applied Geology

Place: Goa University