



INSTITUTE OF SCIENCE & TECHNOLOGY FOR ADVANCED STUDIES & RESEARCH

THE CHARUTAR VIDYA MANDAL UNIVERSITY

3rd Rank (5 Star) among All Colleges of Gujarat by KCG (GSIRF)



A Project Report on
GEOSPATIAL ANALYSIS OF LAND USE/LAND COVER
CHANGE AND TIGER HABITAT SUITABILITY OF BUXA
TIGER RESERVE, WEST BENGAL, INDIA

Submitted by

SRABANI GAUTAM BARDHAN

(Roll no: 23GI07, Enrollment No: 22301400301007)

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Academic year

2024-2025



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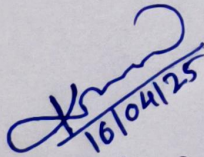
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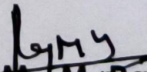
CERTIFICATE

This is to certify that the project work embodied in this report entitled "GEOSPATIAL ANALYSIS OF LAND USE/LAND COVER CHANGE AND TIGER HABITAT SUITABILITY OF BUXA TIGER RESERVE, WEST BENGAL, INDIA" was carried out by Ms. Srabani Gautam Bardhan (22301400301007) at the Geoinformatics department, Institute of Science and Technology for Advanced Studies and Research (ISTAR)- CVM University, Vallabh Vidyanagar fulfilment of the requirement for the award of M.Sc. (Geoinformatics) for the Project Work (201400401). This project work has been carried out under my guidance and it is to my satisfaction.


16/04/25

Dr. Krunal B. Suthar
Project Guide,

Head, P.G. Department of Geoinformatics
ISTAR-CVM University


16/4/25

Dr. M. M. Raj
Principal,
ISTAR-CVM University





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CERTIFICATE

This is to certify that **Srabani Gautam Bardhan**, a student of the Department of Geoinformatics, ISTAR, Gujrat, India, has carried out this internship research entitled "**Geospatial Analysis of Land Use/Land Cover Change and Tiger Habitat Suitability of Buxa Tiger Reserve, West Bengal, India**" under my guidance and supervision.

This dissertation is based on the original work done by the researcher herself. The researcher has fulfilled all the requirements for the completion of an internship project. This dissertation as a whole or any part of it has not been submitted to any other University or Institution for any other degree.

Date: 12.04.2025

(Dr. Monjit Borthakur)

Assistant Professor
Department of Geography
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Assam

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Thanking you

Ms. Srabani Bardhan

(22301400301007)