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A Project Report on
**DYNAMICS OF SURFACE WATER
EXTENT USING OPTI-SAR
IMAGERY**

Submitted by
MANSI NILESHBHAI PATEL
(Roll no: 21G107)

Guided by:
DR. KRUNAL B. SUTHAR
HOD, Geoinformatics Department -ISTAR
The CVM University
V.V. Nagar-388120, Gujarat, India

Academic year
2022-2023



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A Project Report on
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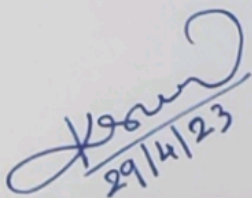


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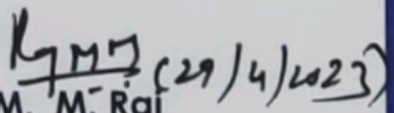


CERTIFICATE

This is to certify that the project work embodied in this report entitled "DYNAMICS OF SURFACE WATER EXTENT USING OPTI-SAR IMAGERY" was carried out by Miss. MANSI NILESHBHAI PATEL (21GI07) 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 (101400401). This project work has been carried out under my guidance and it is up to my satisfaction.


29/4/23

Dr. Krunal B. Suthar
Project Guide,
Head Geoinformatics Department,
ISTAR-CVM University


Dr. M. M. Raj
I/C Principal,
ISTAR-CVM University



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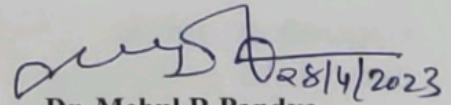


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CERTIFICATE

This is to certify that the internship project report entitled “**Dynamics of Surface Water Using Opti-SAR imagery**” submitted by **Ms. Mansi Patel** in partial fulfillment of the requirement for the award of the degree of **MSc in Geoinformatics** of the Institute of Science and Technology for Advanced Studies and Research (ISTAR)- CVM University, Vallabh Vidyanagar, is a record of bonafide internship project work carried out by her. She has undergone the project for the required period. During this period, we found her sincere, honest and diligent. We wish all success in her future endeavors.

Date: 28/4/2023
Place: SAC, ISRO- Ahmedabad


Dr. Mehul R Pandya

ACKNOWLEDGEMENT

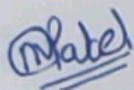
The successful completion of this study required a lot of guidance and assistance from many people. At the end of my training it is a pleasant task to express my thanks to all those who contributed in many ways to the success of this study.

First and foremost, I would like to express my sincere gratitude towards **Dr. Mehul R Pandya** Head, EPSA-BPSG-AED and Dr. S.P. Vyas, Head MISA-RTCG-SRTD for giving me a wonderful opportunity to work under the TREES program.

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I am expressing my deepest thanks to all my colleague trainees who have been extremely cooperative and have helped me to complete my work successfully.



MANSI PATEL
21GI07