

A  
Project Report  
on  
**“FOREFRONT FRAMEWORK FOR ROAD  
ANOMALIES SURVEILLANCE”**

SUBMITTED AS THE PARTIAL FULFILMENT OF DEGREE OF  
Master of Science in Geoinformatics

Submitted By

Darshan A. Dhobi

ID NO: 19GI05

Exam No: 3

Under the Guidance of

Mr. Krunal Suthar



Fstd. 1999

**Institute of Science & Technology  
for Advanced Studies & Research**

Affiliated to Sardar Patel University

Recognized under Section 2(f) and 12(B) of the UGC Act, 1956

**INSTITUTE OF SCIENCE AND TECHNOLOGY FOR  
ADVANCED STUDIES & RESEARCH [ISTAR]**

**SARDAR PATEL UNIVERSITY  
VALLABH VIDHYANAGAR - 388120**

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**CERTIFICATE**

This is to certify that Mr. / Miss **DARSHANKUMAR ASHWINBHAI DHOBI**  
Exam Number **3**, student of M.Sc. Geoinformatics, Institute of Science &  
Technology for Advanced Studies & Research, Vallabh Vidyanagar, Gujarat has  
carried out his/her 4<sup>th</sup> semester project work - (PS04CGIN21) in M.Sc.  
Geoinformatics from 01/01/2021 to 30/04/2021 as a partial fulfillment of Master of  
Science in Geoinformatics affiliated to Sardar Patel University.

**Dr. Unnati A. Patel**  
**Asst. Professor,**  
**M.Sc. Geoinformatics**

**Dr. Nirmal Kumar J. I.**  
**Principal**



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Date: 17<sup>th</sup> June 2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Darshan Ashvinbhai Dhobi, student of ISTAR [INSTITUTE OF SCIENCE AND TECHNOLOGY FOR ADVANCED STUDIES AND RESEARCH] ANAND, has successfully completed a 4 Months Internship programme of Road Inspection using Terrestrial Photogrammetry Techniques executed at Enercomp Solutions Pvt.Ltd. from 1st Jan 2021 to 30th April 2021. During the internship programme he was found hardworking and inquisitive.

We wish him all success in his career.

Sincerely,

Suresh Shahdadpuri

[Managing Director]

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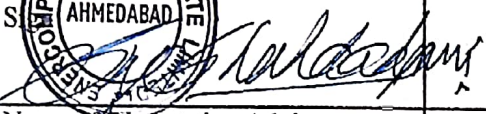
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## Certificate of Dissertation Advisor's consent

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This is to certify that the dissertation titled **Forfront Framework For Road Anomalies Surveillance** has been submitted by **Darshan Dhobi (PS04CGIN21)** towards partial fulfilment of the requirements for the award of M.Sc. Geoinformatics degree at ISTAR and has been carried out under my supervision.

The student has carried out the modifications recommended by the advisors and external examiners adequately and to my satisfaction.

 		Sign
Name of Dissertation Advisor Mr. Suresh Shahdadpuri (External)		Name of Dissertation Advisor Mr. Kunal Suthar (Internal)
Date: 17th June, 2021		Date: 17th June, 2021

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**Darshankumar Dhobi**