

# OBJECT BASE CLASSIFICATION OF GANDHINAGAR CITY USING QGIS SOFTWARE

M.Sc. (Geo-Informatics) Semester-IV

Prepared at



**Bhaskaracharya Institute for Space Applications & Geo-informatics**  
Department of Science & Technology, Govt. of Gujarat  
Gandhinagar

Prepared By

**Mr. Bhavinkumar J. Parmar**

EN No: 1209749

Internal Guide:

**Mr. Krunal B. Suthar**

Assistant Professor

Department of Geoinformatics

ISTAR College, V.V. Nagar

External Guide:

**Dr. M. H. Kalubarme**

Project Director,

BISAG, Gandhinagar

SUBMITTED



Estd. 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

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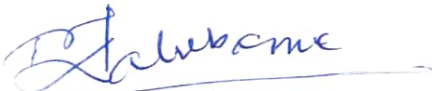
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**CERTIFICATE**

This is to certify that the project report compiled by **Mr. Bhavinkumar Jayantilal Parmar** student of 4<sup>th</sup> Semester **M.Sc. (Geoinformatics)** from **Institute of Science & Technology for Advanced Studies & Research, Vallabh Vidhyanagar** has completed his final semester project satisfactorily. the best of our knowledge this is an original and bonafide work done by him. He has worked on Remote sensing and GIS applications for "**OBJECT BASE CLASSIFICATION OF GANDHINAGAR CITY USING QGIS SOFTWARE**", starting from 3<sup>rd</sup> January 2020 to 30<sup>th</sup> April 2020.

During his tenure at this Institute, he was found to be sincere and meticulous in his work. We appreciate his enthusiasm & dedication towards the work assigned to him. We wish him every success.



**Dr. M. H. Kalubarme**  
Project Director,  
BISAG, Gandhinagar



**T. P. Singh**  
Director,  
BISAG, Gandhinagar

**INSTITUTE OF SCIENCE & TECHNOLOGY  
FOR ADVANCED STUDIES & RESEARCH**  
(MANAGED BY CHARUTAR VIDYAMANDAL)

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Sardar Patel Centre for Science & Technology, Post Box No.13, Vallabh Vidyanagar-388 120, Dist. Anand (Gujarat), INDIA  
Ph: (02692) 234955/234368 Fax: 02692-234955 E-mail: istarcvmvn@yahoo.co.uk Web: www.istar.ac.in

**CERTIFICATE**

This is to certify that Mr. / Miss **BHAVINKUMAR JAYANTILAL PARMAR**  
Exam Number **1**, 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 3<sup>rd</sup> January 2020 to 30<sup>th</sup> April 2020 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