

A
Project Report
On
Impact Assessment of Watershed
Development on Environment using
Remote Sensing & GIS

SUBMITTED AS THE PARTIAL FULFILLMENT OF
DEGREE OF
Master of Science in Geoinformatics
Under the Guidance of Space Application Centre (SAC),
ISRO

Submitted by
Rati Singh
ID No. : 18GI04
EXAM No. : 04
Institute of Science & Technology for Advanced Studies &
Research (ISTAR)

Under the guidance of
Dr. Unnati A.Patel



Estd. 1999

Institute of Science & Technology
for Advanced Studies & Research

Constituent College of CVM University

1st Rank among Engg. & Tech. Institutes in Gujarat by KCG (GSIRF) - 2020

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

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**Earth-ecosystems Research and Training Division
(ERTD)**

VEDAS Research Group (VRG)

**Earth, Ocean, Atmosphere, Planetary Sciences and
Applications Area (EPSA)**

CERTIFICATE

This is to certify that **Ms. Rati Singh**, MSc, Department of Geoinformatics, Institute of Science & Technology for Advanced Studies & Research, Vallabh Vidyanagar, Anand, Gujarat has satisfactorily completed her project "**IMPACT ASSESSMENT OF WATERSHED DEVELOPMENT ON ENVIRONMENT USING REMOTE SENSING & GIS**" under the guidance of **Dr. S. P. Vyas**, SCI/Engr.SG/Head, ERTD-VRG-EPSA, and **Prof. (Dr.) Ajai** Emeritus Scientist, Space Applications Centre, Ahmedabad from 10-12-2019 to 23-03-2020. The research work was carried out under **Training and Research in Earth Eco-System (TREES)** Program of Space Applications Centre, Ahmedabad.

Rati Singh
Head ERTD
Space Applications Centre (SAC)
ISRO

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**INSTITUTE OF SCIENCE & TECHNOLOGY
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CERTIFICATE

This is to certify that Mr. / Miss **RATI SINGH** Exam Number **4**, student of M.Sc. Geoinformatics, Institute of Science & Technology for Advanced Studies & Research, Vallabh Vidyanagar, Gujarat has carried out his/her 4th semester project work - (PS04CGIN21) in M.Sc. Geoinformatics from 10th December 2019 to 23rd March 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

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It gives me immense pleasure submitting this project report towards successful completion of my study. This project has given me an opportunity to think, implement and interact with various aspects of technology in the field of Remote Sensing and GIS.

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Rati Singh