A Project Report on
Image Processing Based Android
Application Development for
Calculating Soil Constituents.

Submitted by
JITEN MAHESHKUMAR TILWANI
(Roll no: 21GI05)

Guided by:
DR. KRUNAL B. SUTHAR
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The CVM Universtiy
V.V. Nagar-388120, Gujarat, India

Supervised by:
DR. Kamal Pandey
Scientist - SE & Web Information Manager
GIT & Distance Learning Department
IIRS Campus-ISRO, Dehradun, Uttrakhand.

Academic year
2022-2023

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INSTITUTE OF SCIENCE & TECHNOLOGY FOR ADVANCED STUDIES & RESEARCH
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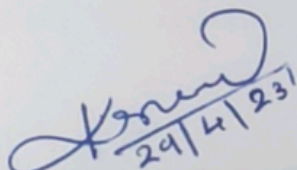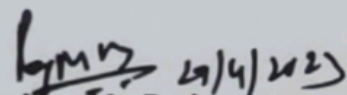
CERTIFICATE

This is to certify that the project work embodied in this report entitled **"IMAGE PROCESSING BASED ANDROID APPLICATION DEVELOPMENT FOR CALCULATING SOIL CONSTITUENTS"** was carried out by Mr. JITEN MAHESHKUMAR TILWANI (21GI05) 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

29/4/2023

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

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देहरादून-248001, भारत
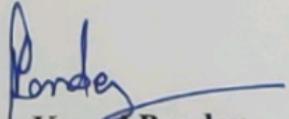दूरभाष : +91-135-2524399
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CERTIFICATE

This is to certify that **Mr. Tilwani Jiten Maheshkumar**, student of Geoinformatics Department from Institute of Science & Technology for Advanced Studies & Research, CVM University, V.V.N., Anand, Gujarat has successfully completed the project work on the topic entitled '**Image Processing based Android application development for calculating Soil nutrients**' during his Summer Internship from January 01, 2023 to April 21, 2023 in supervision of the undersigned at *Indian Institute of Remote Sensing, ISRO, Dehradun*. I found Mr. Tilwani Jiten Maheshkumar very sincere and hardworking during his project.

I wish him success in his future endeavors.

Dr. Kamal Pandey

कमल पांडे / Kamal Pandey
वैज्ञानिक, वेब सूचना प्रबंधक / Scientist, Web Information Manager
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Date: April 21, 2023
Place: Dehradun

ACKNOWLEDGEMENT