Project Title: CAB: AgroTech Systems and Business Development

Name: Patel Utsav Jitendrabhai
Designation: Student
Institution: Institute of Science & Technology for Advanced Studies & Research

External Guide: Mr. Nisarg Acharya

Internal Guide: DR. Krunal Suthar
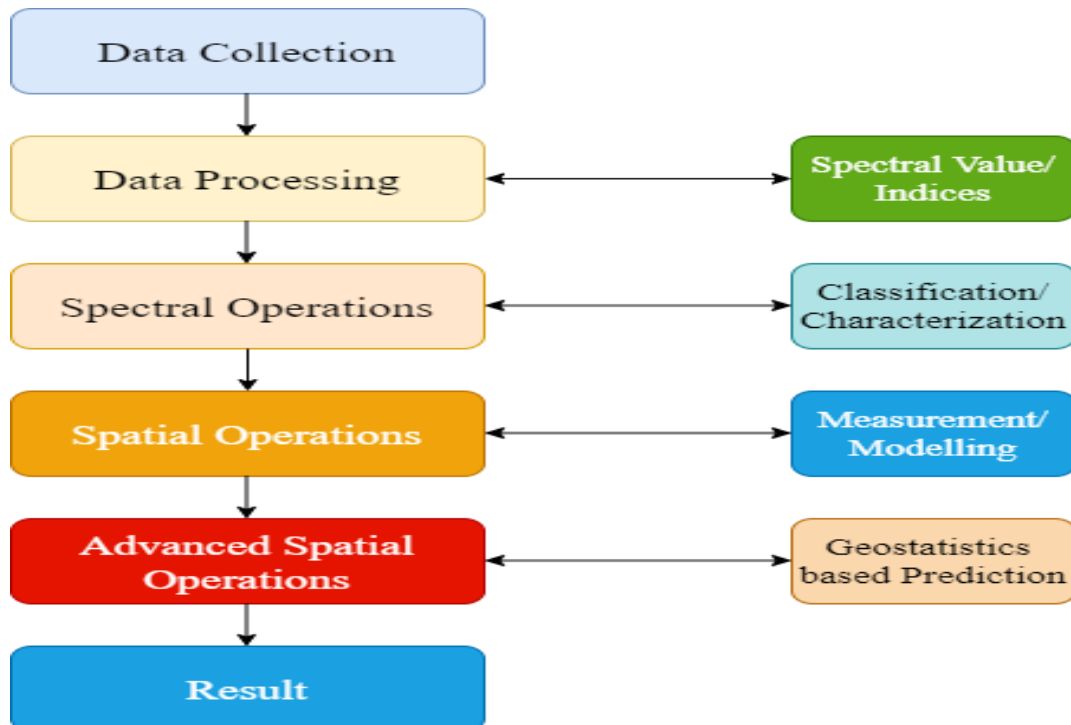**Contact e-mail:** krunal@istar.edu.in

16 JAN 2023 to
15 APR 2023

MAJOR OBJECTIVES:

✓ Understanding the current Agriculture practice with scope of modernization in different segments

✓ Development of Spectral data based classification algorithm using Convolutional Neural Network

METHODOLOGY FLOW CHART:

RESULTS/MAJOR FINDINGS:

✓ CNN Based supervised Image classification for 4 band satellite data

✓ Requirement for the future operations

✓ Market scenario study for Agrotech systems and practices

✓ Strategy to modernize the agriculture field