

109 D. (9) Village Information System (VIS)

Preamble:

The Village Information System project provides digital spatial data report on demography, natural resources, climate, land use land cover patterns and socio-economic aspects etc. to aid and support the decision makers and planners to make informed decision-making at village/cadastral level.

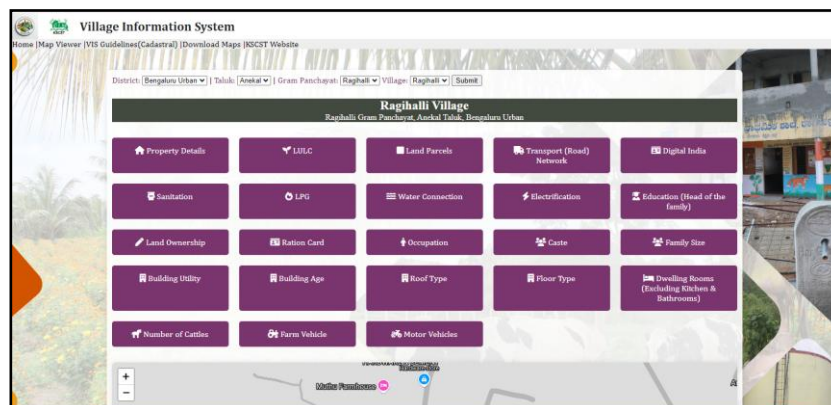
KSCST brought out a document along with Anna University for “Preparation of Digital Base Maps from Cadastral Maps and RS data products”. This document provides detailed workflow of generating digital base maps at village level using existing cadastral maps, High Resolution Satellite Imageries, GPS and through field survey for data collection and validation.

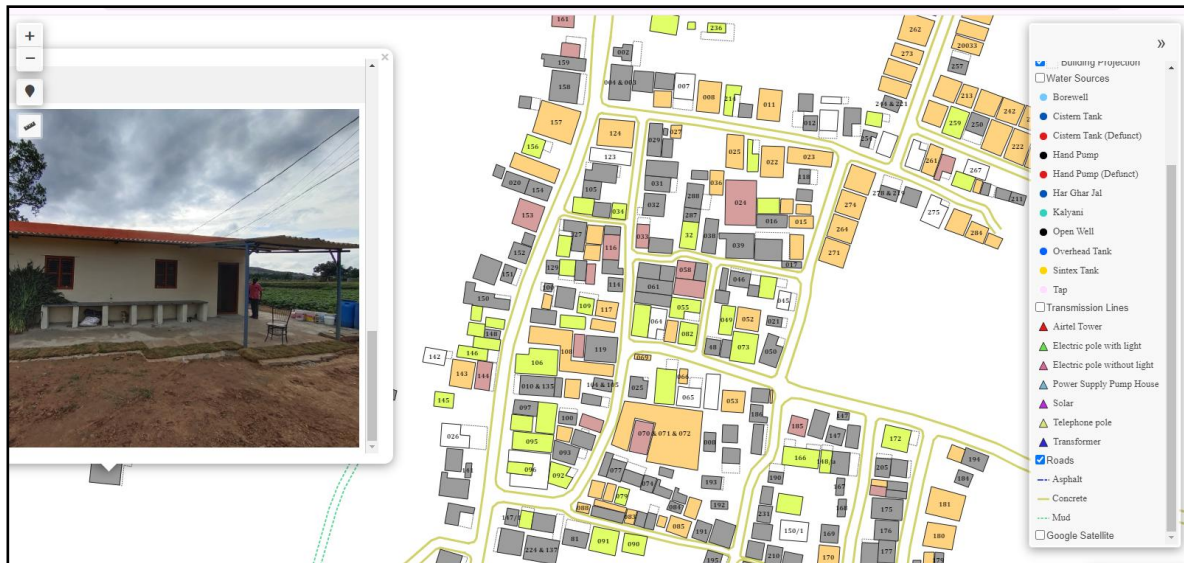
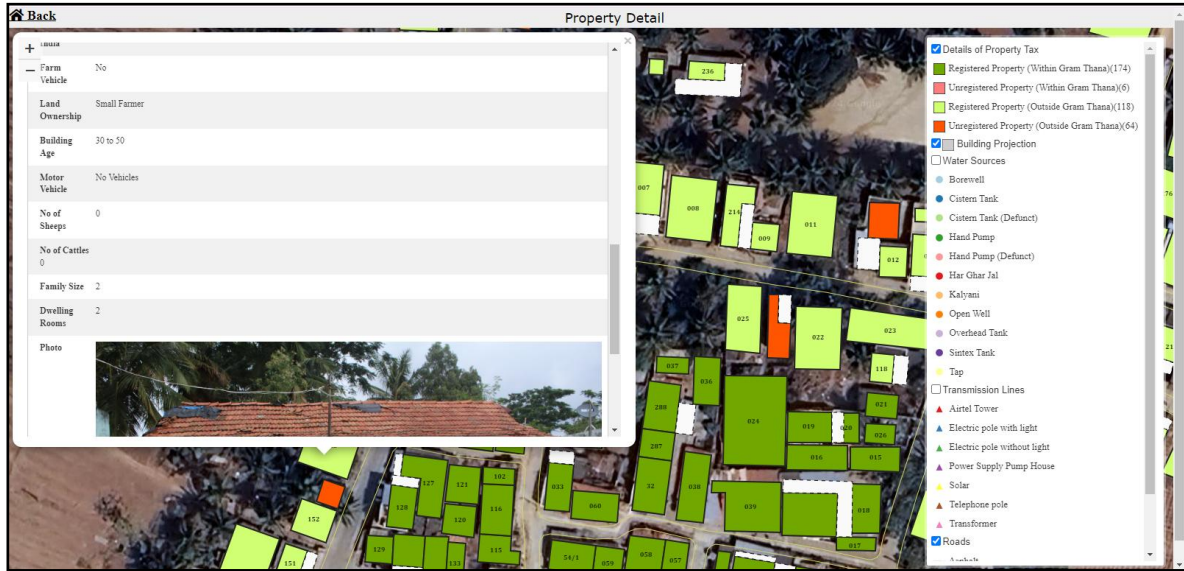
Objectives:

- Generation of village maps using latest geospatial technologies in 1:2000 scale.
- Unique identification code for habitation/dwellings.
- Detailed statistical analysis of each of the parameters to provide inputs for provisioning amenities.
- Mapping of roof/outer dimensions of the buildings.
- Detailed statistical analysis of each of the parameters, their interrelationships etc., with a special reference to various welfare and developmental programmes being implemented by Government of India and the State Governments in the respective regions. For eg., health, sanitation, education, bank account/mobiles phones/Aadhar for digital India program, LPG, category and status of buildings, occupation etc.

Progress: April – November 2024

- Completed VIS mapping of Ragihalli Gram Panchayath and all 37 VIS reports are updated and available in <https://kscst.karnataka.gov.in/> website.
- Completed webmap for Ragihalli village of Ragihalli Gram Panchayath under VIS project, which helps to view, analyze, and visual representation of geo-spatial data (assets, settlements, land parcels, roads, land use/ land cover etc.)
- Proposal for taking up VIS for other Villages in the state is under process to be submitted RDPR, GOK





WEBMAP of Ragihalli village, Anekal taluk, Bengaluru Urban district

Executive Committee: For Information