

Team ID : mapathon2624

Region Selected : East Godavari, Andhra Pradesh

Problem Statement: State-wise Health Care Indicators Maps

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ISRO Data Used:

1. Base Map from Bhuvan website
2. Administrative Boundaries of District
3. Terrain Map
4. Transport Map
5. Geo location of Health Care Centres from data.gov.in website

Specific Steps in GIS :

1. Imported the base map from Bhuvan using Add WMS layer option
2. Added East Godavari Administrative Boundary layer
3. Imported .csv file of health centres
4. Set the Co-ordinates to WGS 84 EPSG 3246
5. For the imported the .csv file added symbol of hospital
6. Used Mask plugin to remove the surrounding of the District (Clipping)
7. With GPS plugin added GPS functionality

Complexities :

1. Added GPS functionality
2. Calculated the ratio of hospital to population of the area

Application and Uses :

Health Facility is the primary requirement of any human being and it is main motive behind the selection of problem statement. It has added GPS facility which enables user to find the nearby health centre. From the map it is to find the strategic locations for the new health facilities.