**Primary Health Centre in Salem District**

**ISRO Data Used:**

* **Web Map Service (WMS) URL**
* URL - <https://bhuvan-vec2.nrsc.gov.in/bhuvan/wms>
* version - 1.1.1
* layer - "lineament:TN\_LN50K\_0506"
* matrixSet- "EPSG:4326"
* layerExtent :76.234,8.075,80.349,13.565,
* format: "image/png"

**Steps in GIS**

Step 1: Create a New Project in QGIS

Step 2: Add a new layer (Vector Layer) to include India\_District\_Boundary.shp

Step 3: Right Click India\_District\_Boundary, open attribute table and filter the records (NAME\_2 =’Salem’)

Step 4: Add another layer (WMS/WMTS Layer), refer the URL and layer as <https://bhuvan-vec2.nrsc.gov.in/bhuvan/wms> and lineament:TN\_LN50K\_0506 respectively.

Step 5: Create a new shapefile layer, draw polygon by superimposing the Salem district

Step 6: Create the 3 CSV files namely (Block.csv, Population.csv, PHC.csv)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Block.csv | | | | |
| ID | PHC | Block | Easting | Northing |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Population.csv | | | | |
| ID | Block | Easting | Northing | Population |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PHC.csv | | | | |
| ID | PHC | Block | Easting | Northing |

Step 7: Mark label using Block.csv and PHC.csv

Step 8: Mark Categorized and classify based on population using Population.csv

Step 9: Click project and choose new print layout and draw the map

Step 10: Add north arrow, scale label and legend

Complexity:

This map is used to identify the Primary Health Centre located in various places of salem district. Block wise population is also added and it is very much useful to schedule the vaccination camping.