Karnataka GIS

Stamp and Registration Web Application
User Manual: Version 1.0

KSRSAC

Karnataka State Remote Sensing Applications Centre

Dept. of IT, BT and S&T, Government of Karnataka

2018

KARNATAKA GIS

Stamp and Registration Web Application

Department of Stamp and Registration

User Manual: Version-1.0

KARNATAKA STATE REMOTE SENSING APPLICATIONS CENTRE

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August, 2018

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Document Control Sheet

1	**Security classification**	Public		
	Distribution	To all Data Contributors and Users of KGIS in Government Departments, Academic & Research institutions, Private industry and Public		
2	**Document Issue**	20/08/2018		
3	**Revision**	-		
4	**Document Type**	Technical Document: User Manual		
5	**Document No**	KSRSAC/K-GIS/User Manual /01/JULY-2017		
6	**Title**	Stamp and Registration Web Application User Manual Version 1.0		
7	**Collation**	Pages 8	Figures 15	References -
8	**Project**	KGIS		
9	**Author**	KGIS Team		
10	**Affiliation of Author**	KSRSAC		
11	**Security mechanism**	Sri. Jayachandra Mani (PD, KGIS)	Approved by Sri. Praburaj D.K (Director, KSRSAC)	
12	**Originating unit**	KSRSAC		
13	**Date of Initiation**	20/08/2018		
14	**Date of Publication**	20/08/2018		
15	**Abstract**	Karnataka State Remote Sensing and Application Center is implementing Karnataka- GIS which envisions maintaining a State-wide, Standardized, seamless and most current GIS asset and providing GIS based decision support services for governance, private enterprise and citizen. In this connection a document on Stamp and Registration Web Application: User Hand book has been prepared. It contains a complete guideline to use the department of Stamp and Registration web application with predefined spatial analysis tools.		
16	**Keywords**	District Register Office and boundary, Sub Register Office and boundary, Web GIS Dashboard, Spatial data analysis, Functionalities and Tools.		

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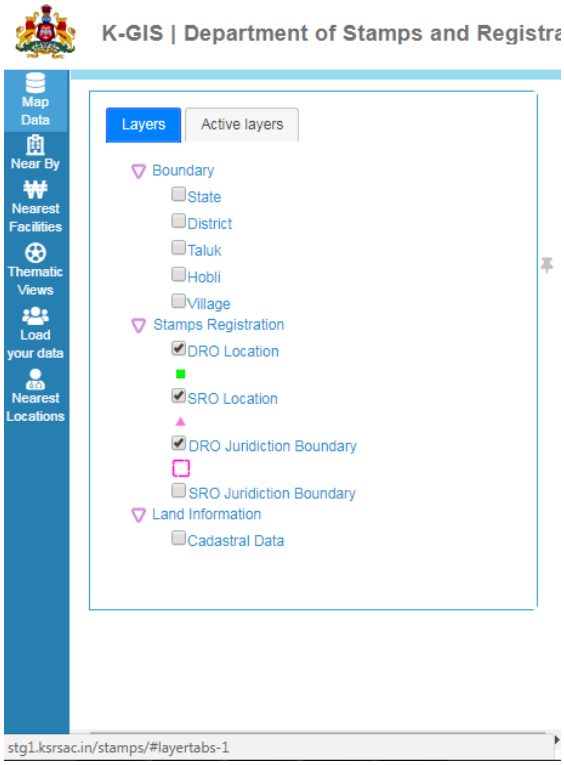
1. INTRODUCTION

The Karnataka State Remote Sensing Applications Centre developed Stamp and Registration web based GIS application for Dept. of Stamp and Registration, GoK. It has the information about the district registration office and its jurisdiction, sub registration office and its jurisdiction. The valuation details are also can be seen in the portal, which is linked to the Kaveri Online Services web portal developed by Stamp and Registration department.

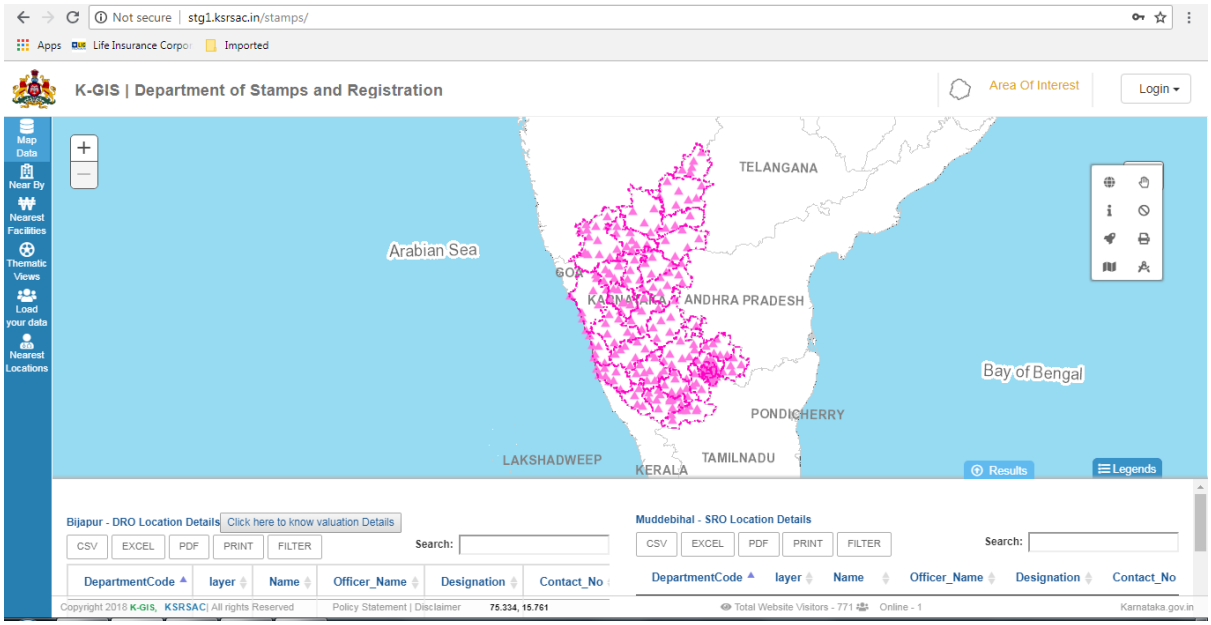
The information can be visualized based on the area of interest viz., district, taluk, hobli and facilitates to generate user defined reports and maps. Based on the buffer area near by facilities can be visualized depending on the user defined buffer distance. It has demographic data (male, female, urban and rural population) and thematic data (Lithology, Mineral, Structural, Geomorphology, Soil, Slope, Land use land cover, Ground water) and user can also generate heat maps.

2. SPATIAL CONTENT

It contains the statistics of district registration office, sub registration office, and its jurisdiction boundary with additional information like office code, officer name, email-ID, phone number, address and pincode.



Home Page



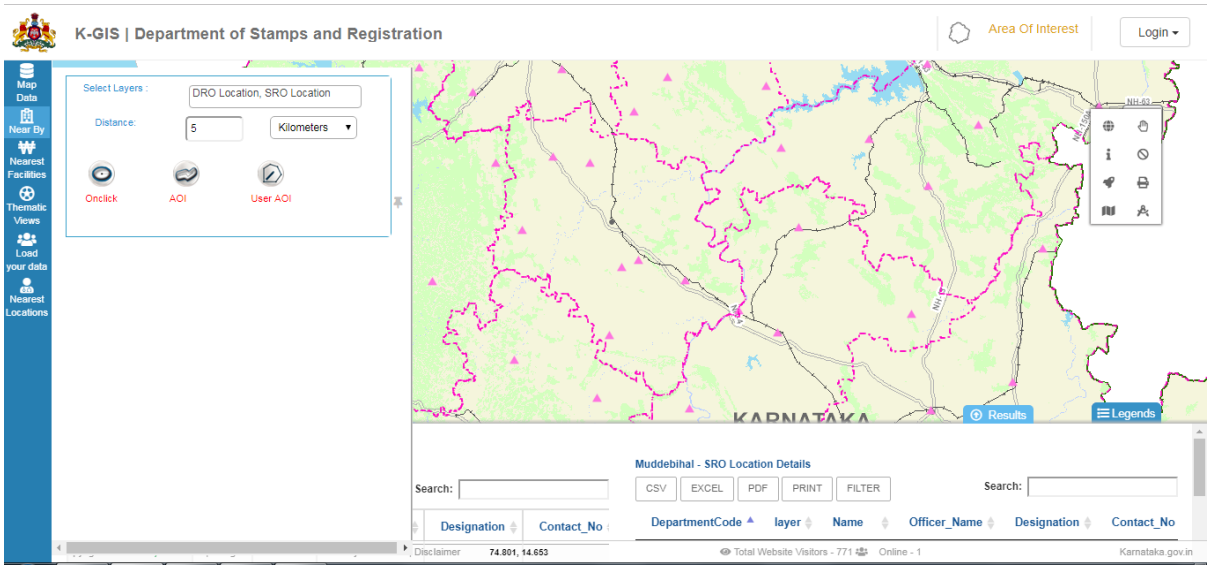
3. FUNCTIONAL TOOLS

The web application is enhanced with department defined functionalities, on click of a button report and maps can be generated.

I. Nearby tool

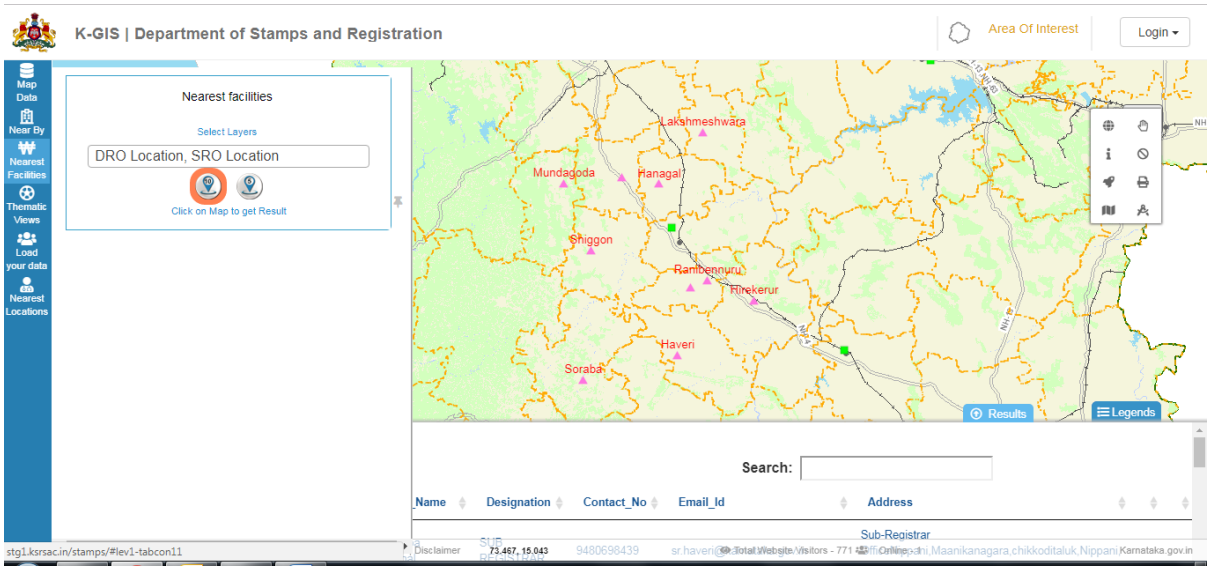
The tool provides user to select DRO, SRO location based on the buffer distance.

The buffer can be generated for point, line and polygon location.



II. Nearest facility

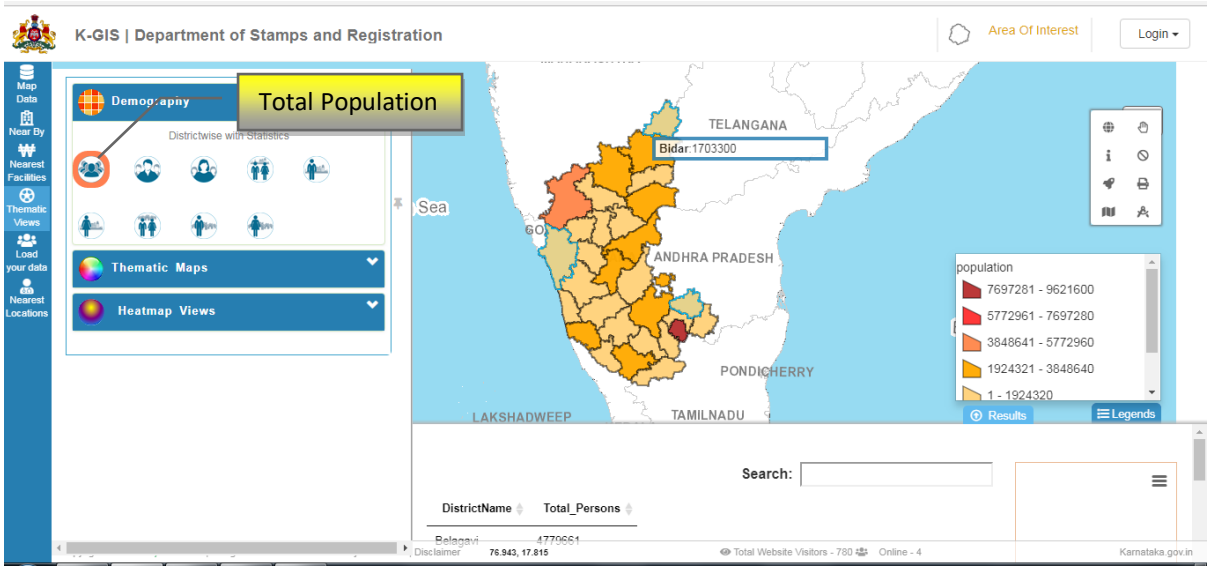
It provides the information about the nearest facility, within 10 km or 5 km buffer zone and provides the details like office code, officer name, email-ID, phone number, address and pincode.

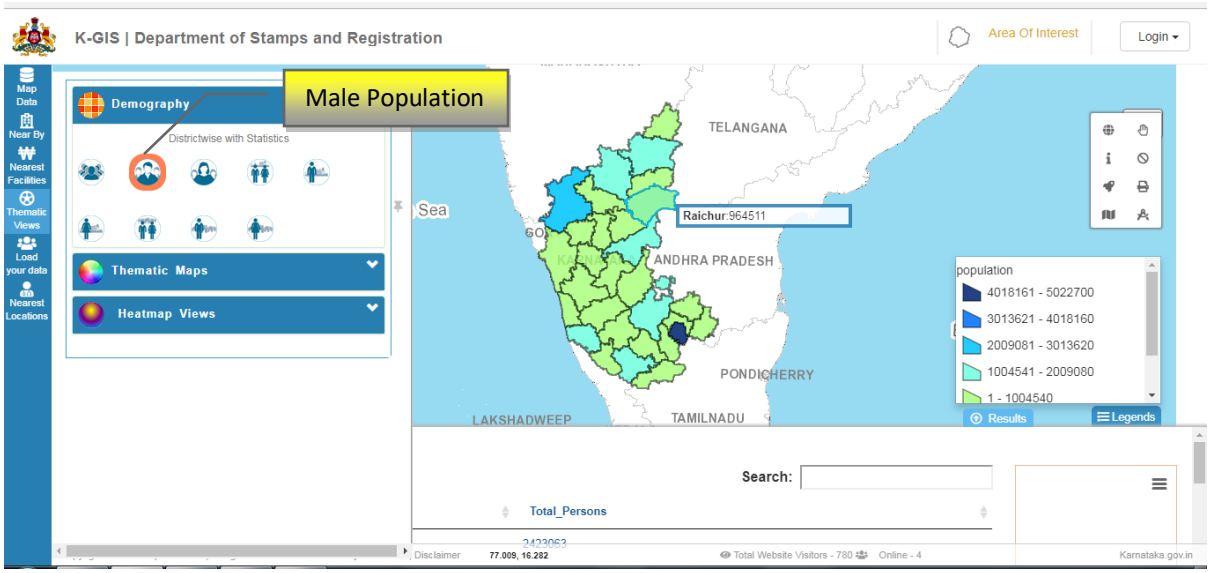


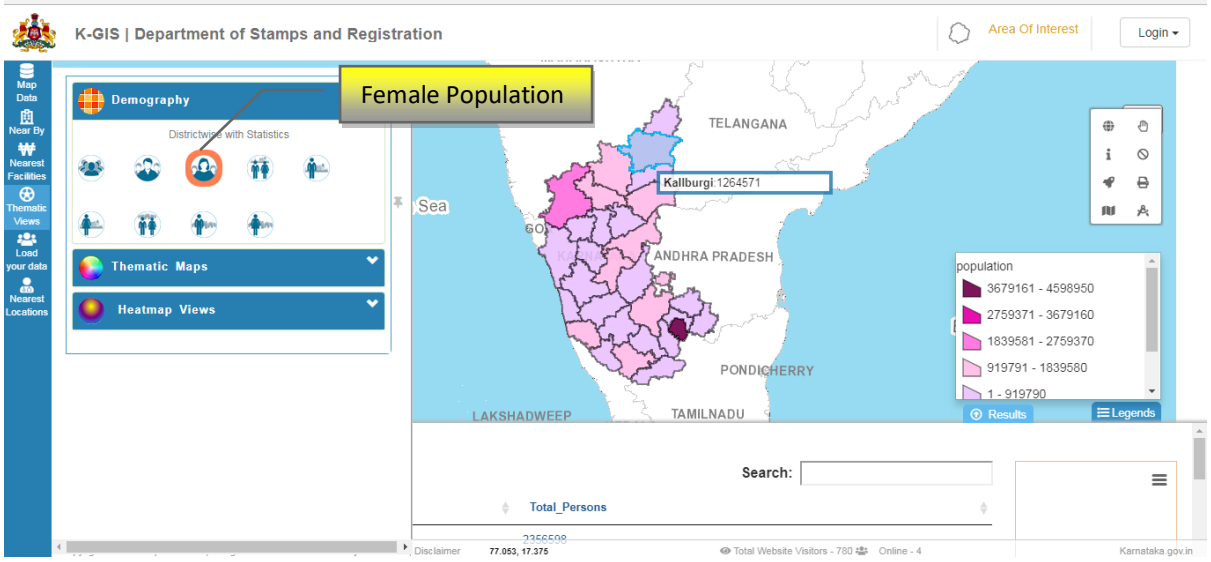
III. Thematic views

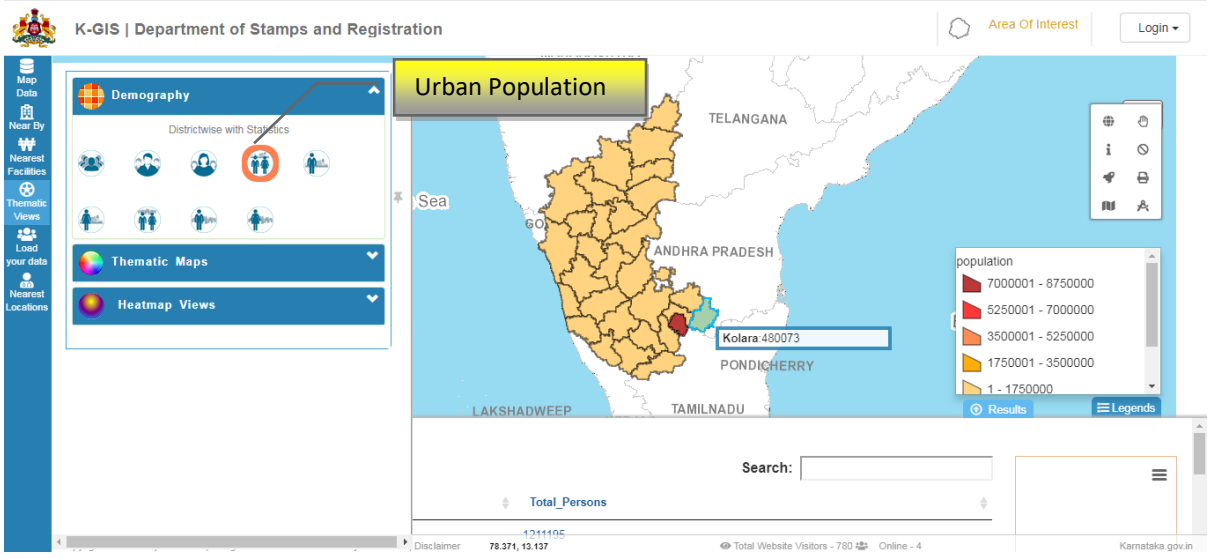
It provides the spatial visualization of demographic maps, thematic maps and heat maps to understand the density of features with symbological information in the legend section.

a) Demographic Section: In this section user can see total, male, female, rban total, urban male, urban female, rural total, rural male, rural female population on census 2011.

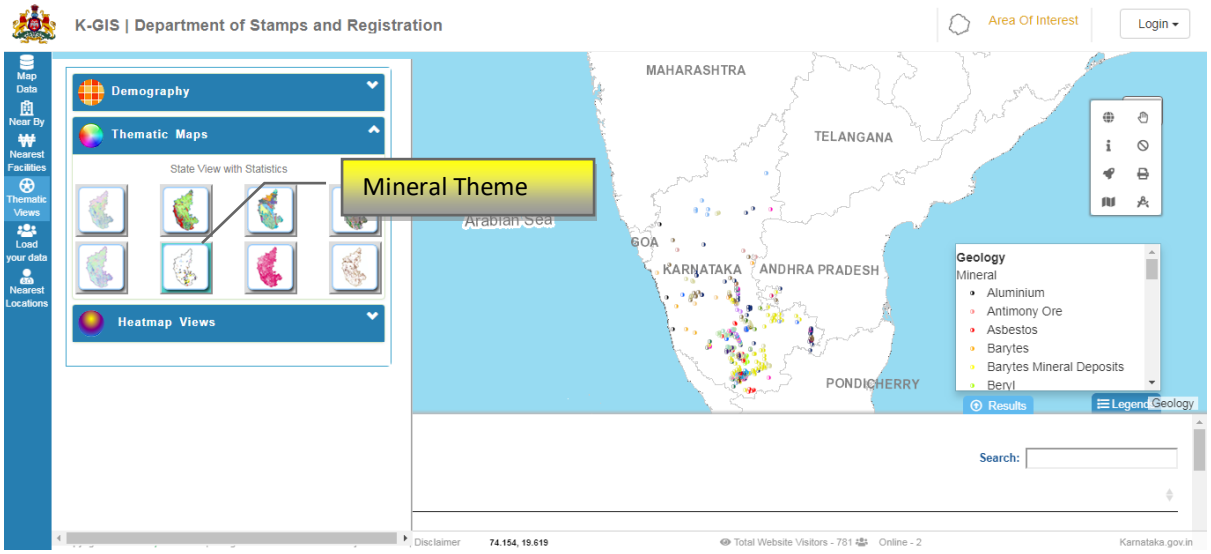


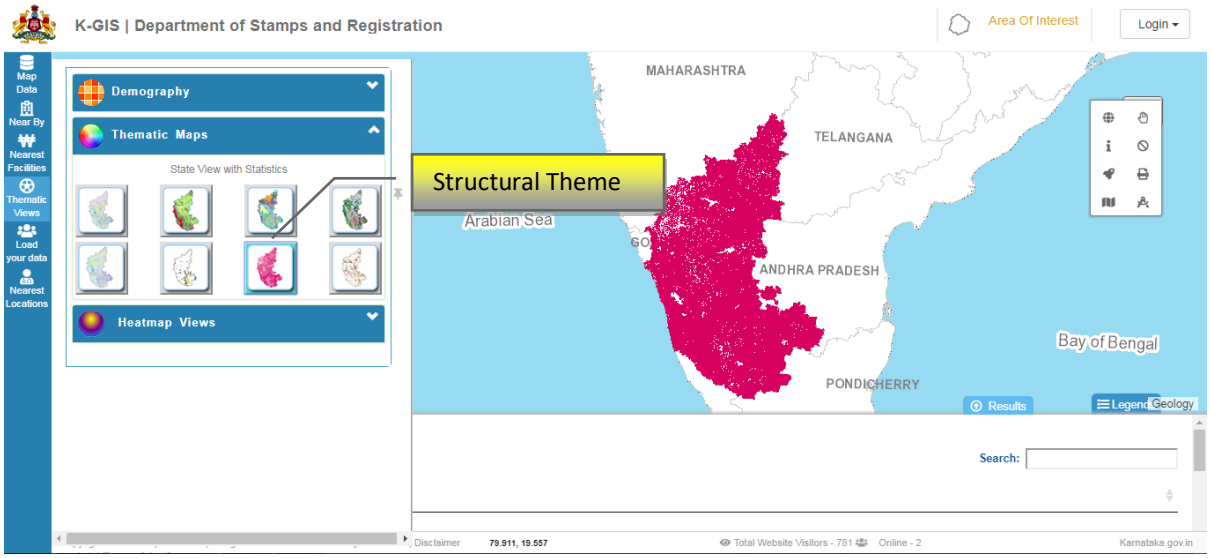

K-GIS | Department of Stamps and Registration
Area Of Interest
Login
Male Population
Demography
Districtwise with Statistics
Thematic Maps
Heatmap Views
TELANGANA
Raichur:964511
ANDHRA PRADESH
PONDICHERRY
LAKSHADWEEP
TAMILNADU
population
4018161 - 5022700
3013621 - 4018160
2009081 - 3013620
1004541 - 2009080
1 - 1004540
Results
Legends
Search:
Total_Persons


K-GIS | Department of Stamps and Registration
Area Of Interest
Login
Female Population
Demography
Districtwise with Statistics
Thematic Maps
Heatmap Views
TELANGANA
Kallburgi:1264571
ANDHRA PRADESH
PONDICHERRY
LAKSHADWEEP
TAMILNADU
population
3679161 - 4598950
2759371 - 3679160
1839581 - 2759370
919791 - 1839580
1 - 919790
Results
Legends
Search:
Total_Persons

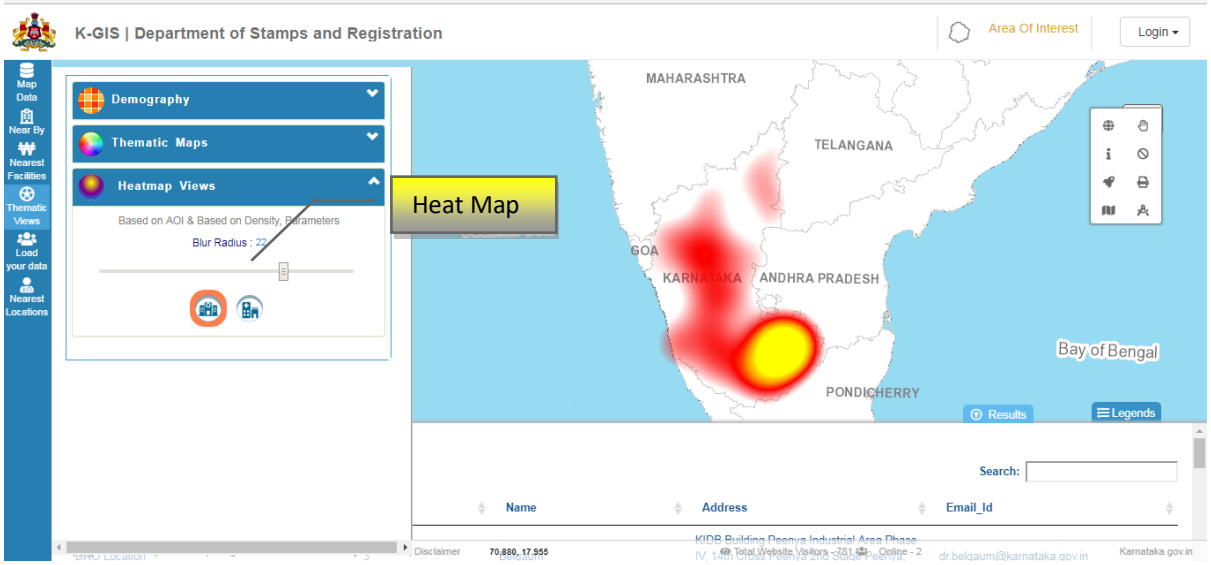

K-GIS | Department of Stamps and Registration
Area Of Interest
Login
Urban Population
Demography
Districtwise with Statistics
Thematic Maps
Heatmap Views
TELANGANA
Kolara:480073
ANDHRA PRADESH
PONDICHERRY
LAKSHADWEEP
TAMILNADU
population
7000001 - 8750000
5250001 - 7000000
3500001 - 5250000
1750001 - 3500000
1 - 1750000
Results
Legends
Search:
Total_Persons

b) Thematic Section: In this section, thematic maps like land use land cover, ground water, lithology, geomorphology, soil, mineral, structure and waste land can be visualized with symbological information in the legend section.



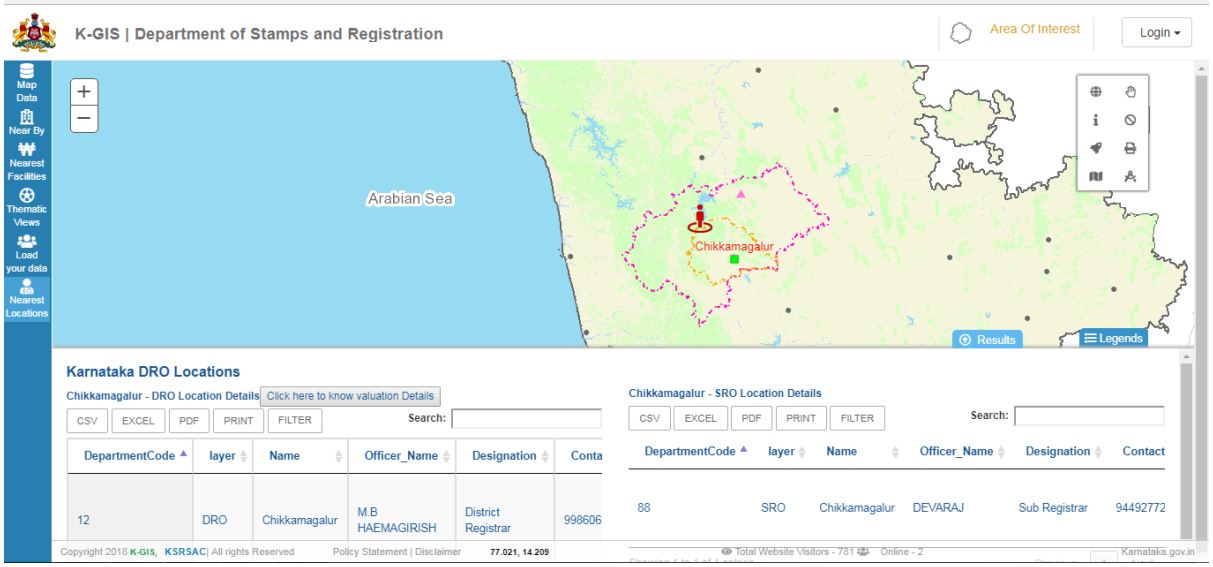


c) Heat Map section: In this section user can generate the heat maps for District and Sub register office, which provides the spatial distribution of offices in Karnataka.



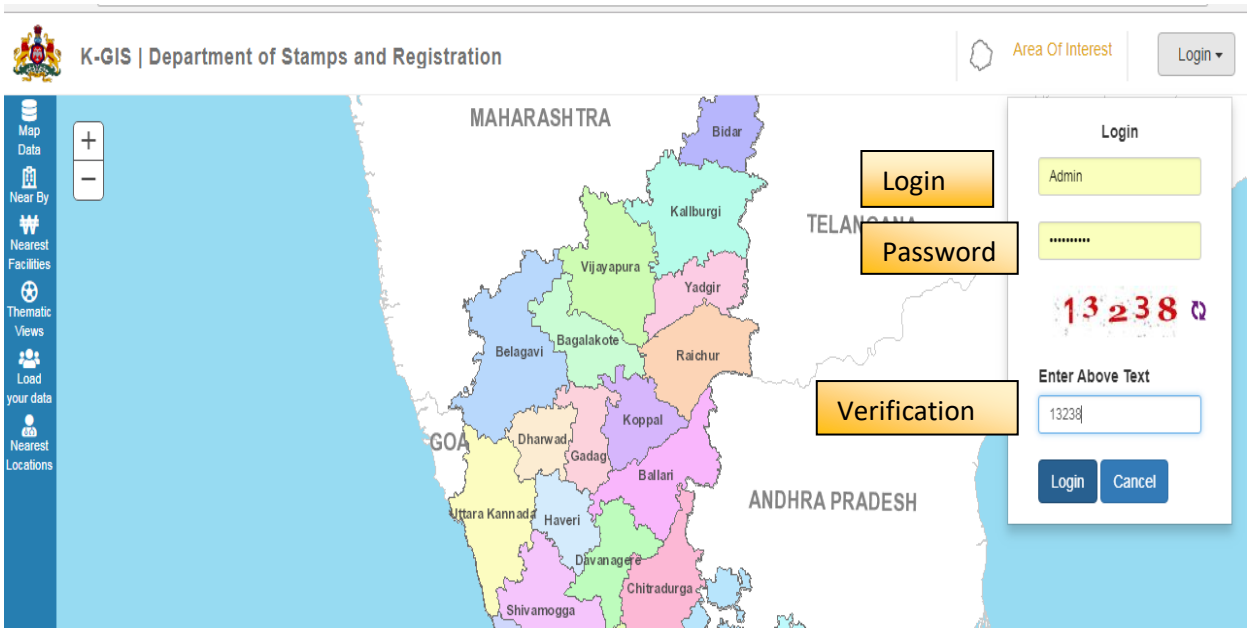
IV. Nearest location

This tool provides nearest district and sub registrar offices with their jurisdiction boundary. The report can be exported to csv, excel, pdf, and can also be printed depending on the user requirement.

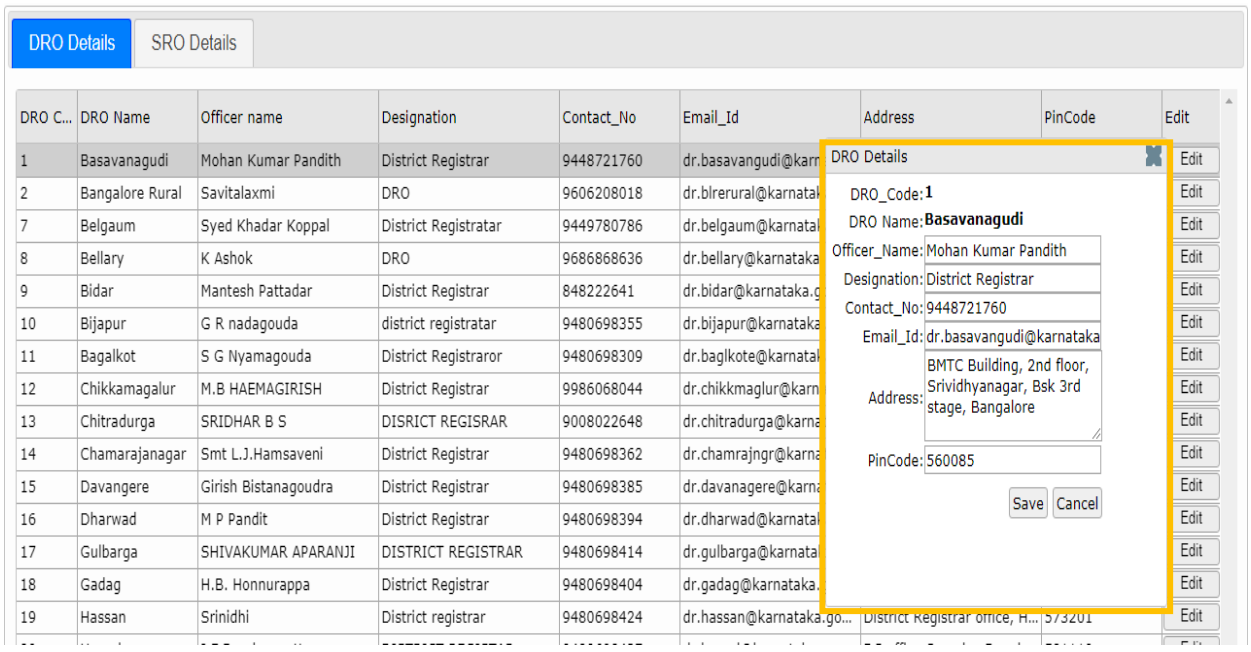


4. EDITING TOOL

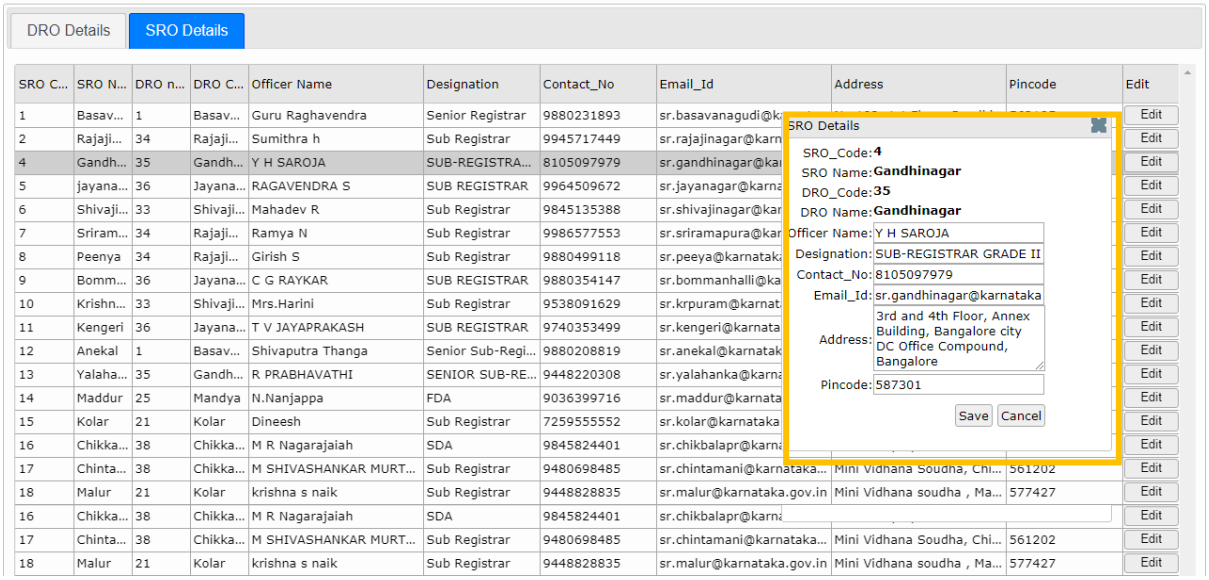
This tool can be used only by the SROs and DROs for editing the details. Click on Login Enter the login id and password as “admin” and enter the verification code and click on login.



Click on DRO Details and click on Edit. Edit box will open where required changes can be done. Once the changes are done click on save to save the edits.



Similarly click on SRO Details and edit and save.



SRO C...	SRO N...	DRO n...	DRO C...	Officer Name	Designation	Contact_No	Email_Id	Address	Pincode	Edit
1	Basav...	1	Basav...	Guru Raghavendra	Senior Registrar	9880231893	sr.basavanagudi@k			Edit
2	Rajaji...	34	Rajaji...	Sumithra h	Sub Registrar	9945717449	sr.rajajinagar@karn			Edit
4	Gandh...	35	Gandh...	Y H SAROJA	SUB-REGISTRA...	8105097979	sr.gandhinagar@ka			Edit
5	jayana...	36	Jayana...	RAGAVENDRA S	SUB REGISTRAR	9964509672	sr.jayanagar@karna			Edit
6	Shivaji...	33	Shivaji...	Mahadev R	Sub Registrar	9845135388	sr.shivajinagar@kar			Edit
7	Sriram...	34	Rajaji...	Ramya N	Sub Registrar	9986577553	sr.sriramapura@kar			Edit
8	Peenya	34	Rajaji...	Girish S	Sub Registrar	9880499118	sr.peeya@karnataka			Edit
9	Bomm...	36	Jayana...	C G RAYKAR	SUB REGISTRAR	9880354147	sr.bommanhalli@ka			Edit
10	Krishn...	33	Shivaji...	Mrs.Harini	Sub Registrar	9538091629	sr.krpuram@karnat			Edit
11	Kengeri	36	Jayana...	T V JAYAPRAKASH	SUB REGISTRAR	9740353499	sr.kengeri@karnata			Edit
12	Anekal	1	Basav...	Shivaputra Thanga	Senior Sub-Regi...	9880208819	sr.anekal@karnatak			Edit
13	Yalaha...	35	Gandh...	R PRABHAVATHI	SENIOR SUB-RE...	9448220308	sr.yalahanka@karna			Edit
14	Maddur	25	Mandya	N.Nanjappa	FDA	9036399716	sr.maddur@karnata			Edit
15	Kolar	21	Kolar	Dineesh	Sub Registrar	7259555552	sr.kolar@karnataka			Edit
16	Chikka...	38	Chikka...	M R Nagarajaiah	SDA	9845824401	sr.chikbalapr@karn			Edit
17	Chinta...	38	Chikka...	M SHIVASHANKAR MURT...	Sub Registrar	9480698485	sr.chintamani@karnataka...	Mini Vidhana Soudha, Chi...	561202	Edit
18	Malur	21	Kolar	krishna s naik	Sub Registrar	9448828835	sr.malur@karnataka.gov.in	Mini Vidhana soudha , Ma...	577427	Edit
16	Chikka...	38	Chikka...	M R Nagarajaiah	SDA	9845824401	sr.chikbalapr@karn			Edit
17	Chinta...	38	Chikka...	M SHIVASHANKAR MURT...	Sub Registrar	9480698485	sr.chintamani@karnataka...	Mini Vidhana Soudha, Chi...	561202	Edit
18	Malur	21	Kolar	krishna s naik	Sub Registrar	9448828835	sr.malur@karnataka.gov.in	Mini Vidhana soudha , Ma...	577427	Edit

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