

***NATURAL RESOURCES DATA  
MANAGEMENT SYSTEM  
(NRDMS)***

**MONTHLY ACTIVITY REPORT  
August – November 2025**

**Submitted by  
District NRDMS Centre  
Zilla Panchayat, Gadag**



**Submitted to  
Karnataka State Council for  
Science and Technology (KSCST)  
Indian Institute of Science Campus,  
Bengaluru – 560012**

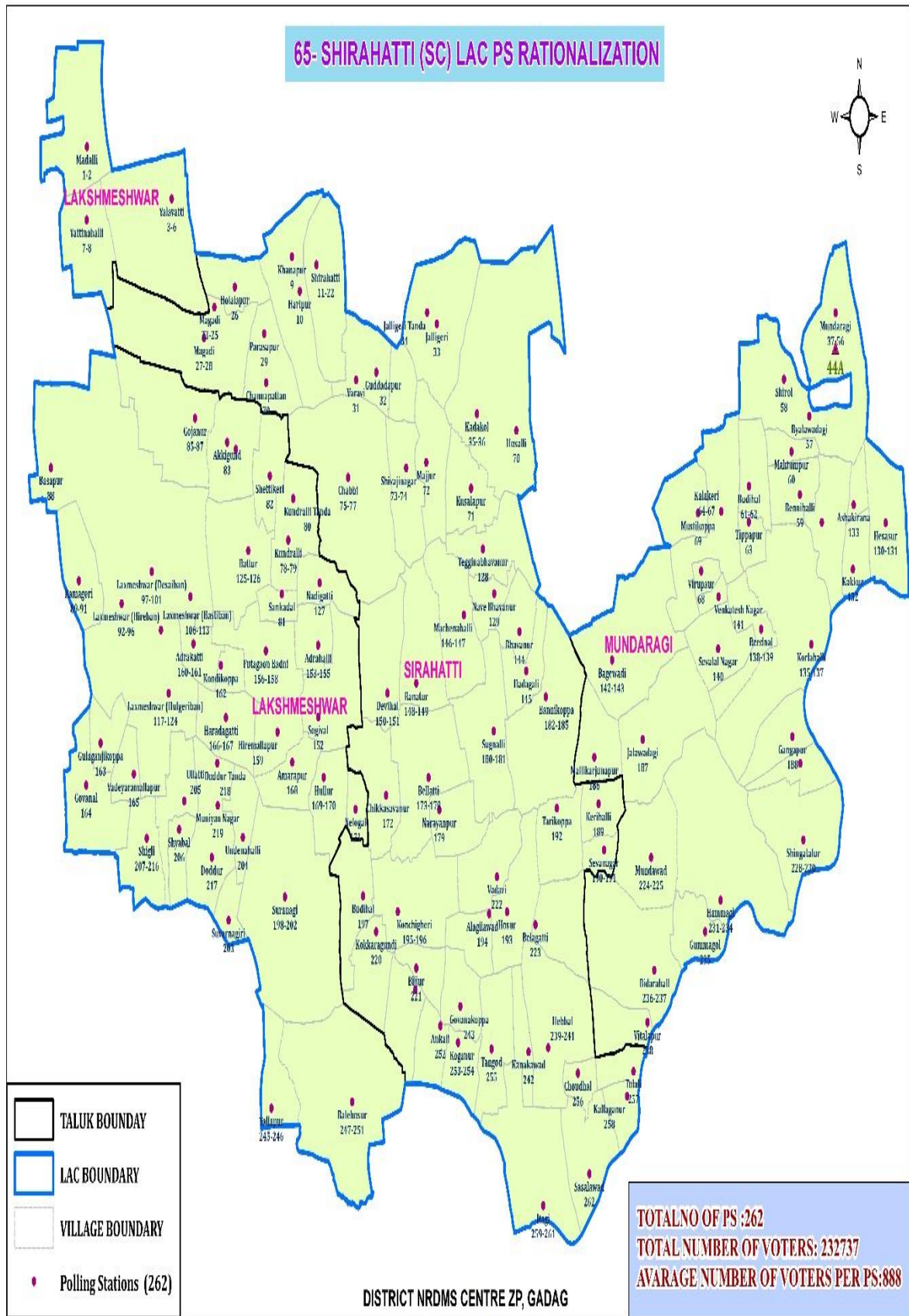
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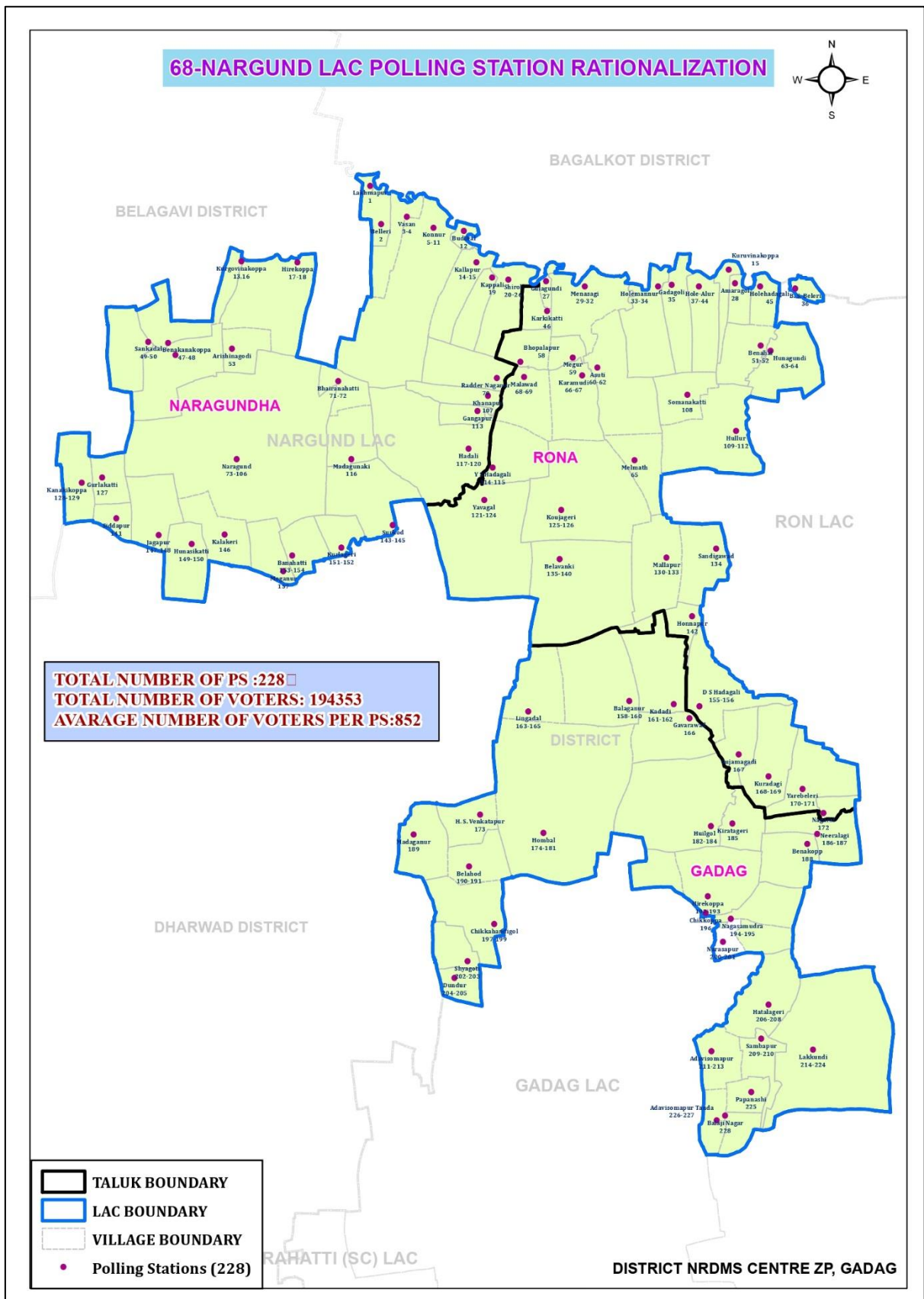
**1. Major Activities Carried Out during the period of August-November 2025:****Activity -1**

<b>Title of work</b>	Rationalized Polling Station Location Map of all 4 LAC of Gadag District
<b>Department Name</b>	Deputy Commissioner Office, Gadag
<b>Objectives</b>	Location Map of Rationalized Polling Station Location of 4 LAC of the district was prepared and provided to DC office, Gadag. As the District administration has proposed additional PS in each LAC. Regarding a proposal was given to Chief Electoral officer, GOK, Bengaluru.
<b>Data Used</b>	Assembly Boundary, Taluk Boundary, Village Boundary and Polling Station Location (Existing and Proposed).
<b>Data Process</b>	List of Polling Station with Location details (Excel) was provided by Election Section which was converted into Point data and was plotted and map was generated.
<b>Type of Data Provided</b>	JPEG Map

**Map 1: Rationalised Polling Station Location Map of 66-Shirahatti LAC**



**Map 2: Rationalised Polling Station Location Map of 68-Nargund LAC**



## Activity -2

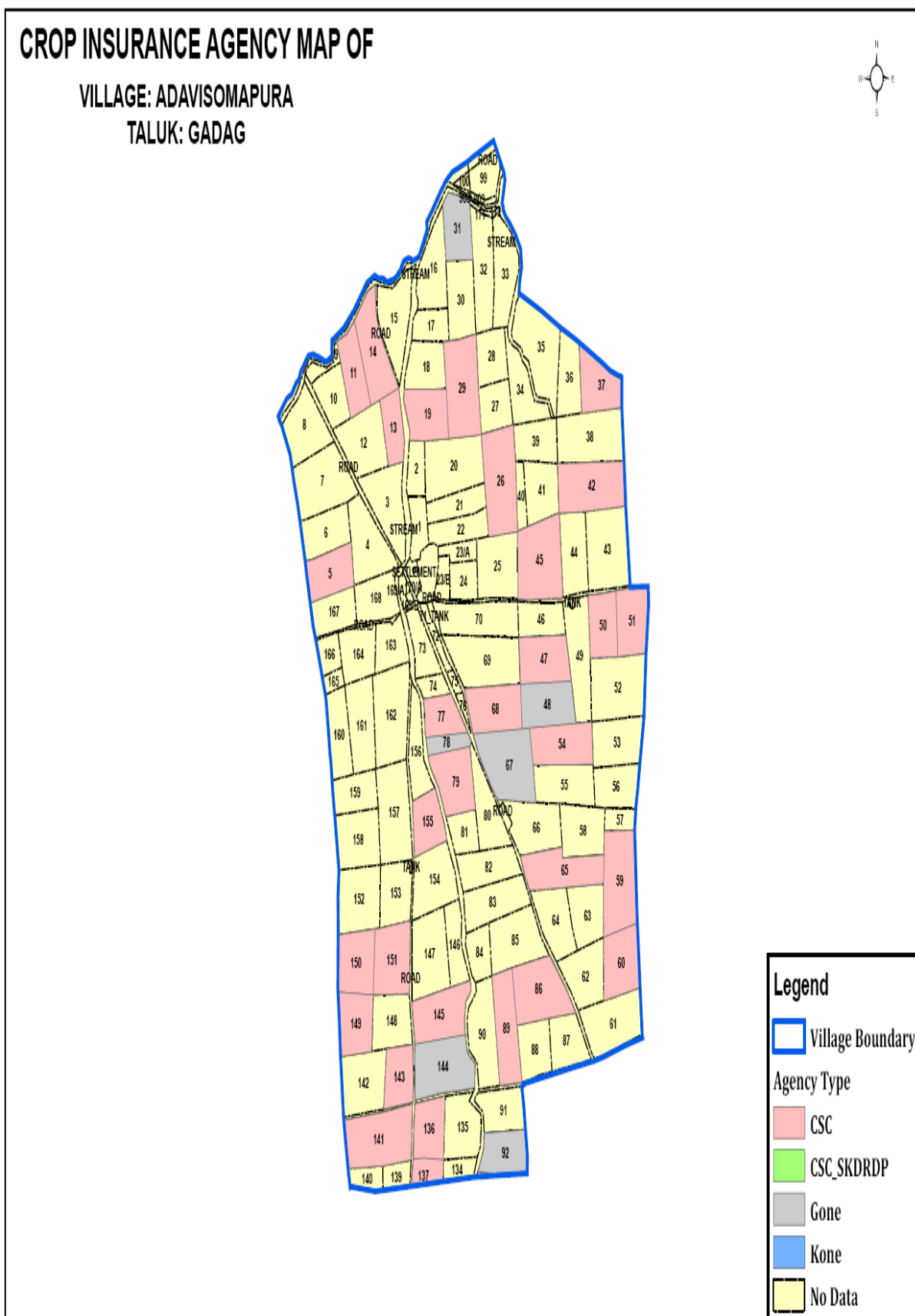
<b>Title of work</b>	Crop Survey Maps
<b>Department Name</b>	Deputy Commissioner Office, Gadag
<b>Objectives</b>	District administration along with Agriculture department conducted Crop survey of 14 Villages to cross check for Crop insurance and crops sowed in agriculture field. Data provided by Agriculture department was linked to Cadastral boundary and map was prepared and provide map with classification such as Matched/Unmatched/ Sown but not insured .
<b>Data Used</b>	Village Boundary, Cadastral (Spatial Data). Hisa wise Crop Survey Details (Non-Spatial)
<b>Data Process</b>	Data provided by department was joined to cadastral data using JOIN option and later categorized the map based on category of provided by department in symbology option and maps was prepared and provided.
<b>Type of Data Provided</b>	JPEG Maps

**Table 1:** Crop Survey data provided by department.

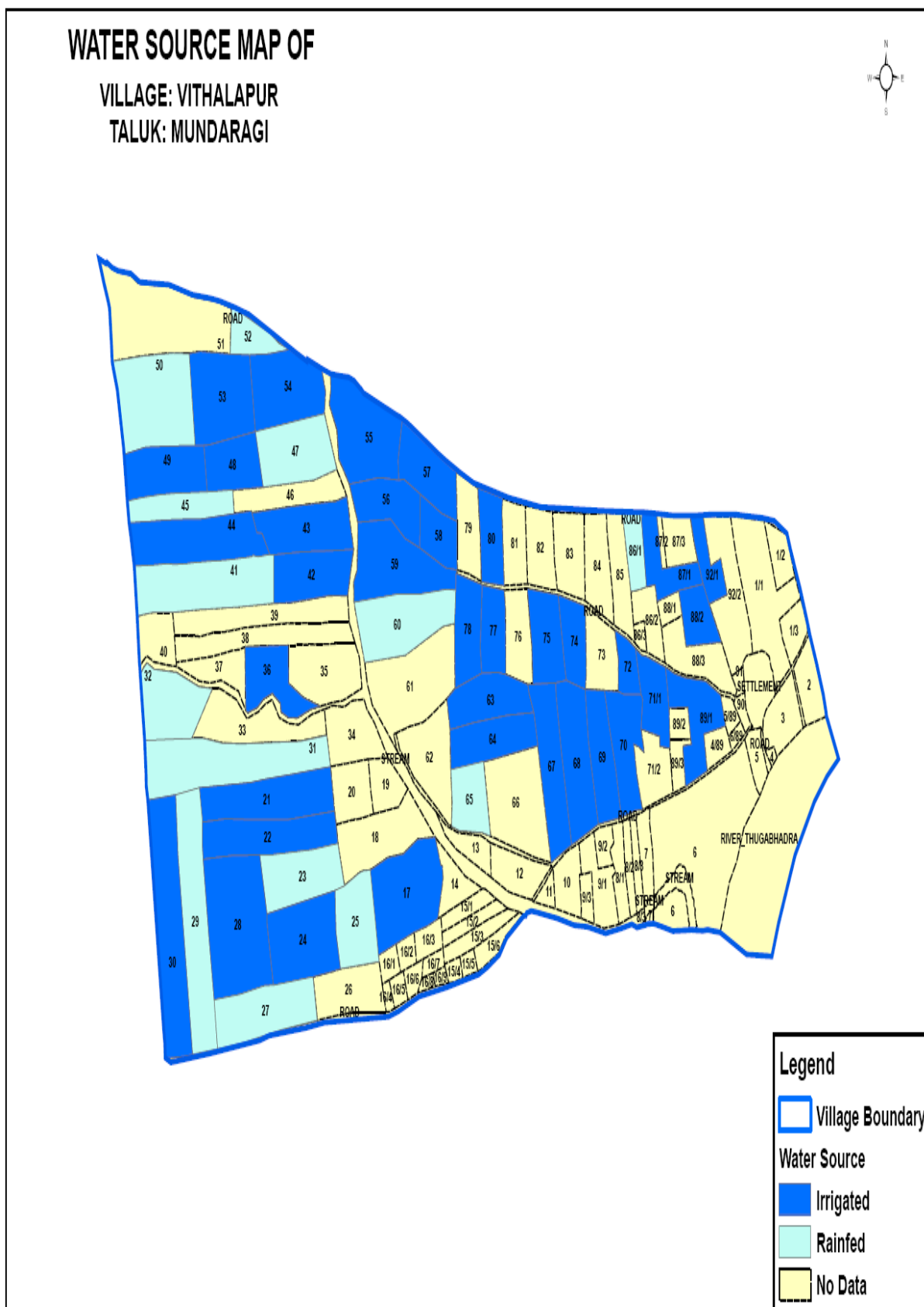
Applicati onNo	Insured Name	District	Taluk	Hobli/GP	village	Survey no	Mapped Result	irrig_rf	Enrollment date	CSC Enrolled
1006	Lokesh Ilager	Gadag	Lakshmeshwar	LAKSHMESHVARA	UNDENAHALLI	14/*/7	Maize (Makka)	Rainfed	05 Jun 2025	csc_563455620010
1043	MARUTI HANGANAKATTI	Gadag	Lakshmeshwar	BALEHOSUR	BALEHOSURA	322/*/1	GROUNDNUT	Rainfed	05 Jun 2025	csc_227156710018
1053	NILAPPA RAMAPPA VAGGANNAVAR	Gadag	Lakshmeshwar	BALEHOSUR	BALEHOSURA	116/*/1	GROUNDNUT	Rainfed	05 Jun 2025	csc_227156710018
1053	NILAPPA RAMAPPA VAGGANNAVAR	Gadag	Lakshmeshwar	BALEHOSUR	BALEHOSURA	138/* /2	GROUNDNUT	Rainfed	05 Jun 2025	csc_227156710018
1110	MANAPPA BADIGER	Gadag	Gadag	BETAGERI	LAKKUNDI	268/*/19+29+2/8	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1112	SHARANAYYA BASAYYA KULAKARNI	Gadag	Gadag	BETAGERI	LAKKUNDI	253/*/8	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1116	Basayya Parayya Kulakarni	Gadag	Gadag	BETAGERI	LAKKUNDI	699/*/2	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1118	Ashok Badiger	Gadag	Gadag	BETAGERI	LAKKUNDI	253/*/4	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1119	NINGAPPA FAKKIRAPPA MANNUR	Gadag	Gadag	BETAGERI	LAKKUNDI	538/*/4	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1120	NINGAPPA FAKKIRAPPA MANNUR	Gadag	Gadag	BETAGERI	LAKKUNDI	401/* /19+19+19+2/7	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1124	RACHAVVA V SHANKINAMATH	Gadag	Gadag	BETAGERI	LAKKUNDI	253/*/2+3	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1125	NINGAYYA P KULAKARNI	Gadag	Gadag	BETAGERI	LAKKUNDI	743/*/5	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1127	VIRUPAKSHAPPA BHASKARAPPA KAMMAR	Gadag	Gadag	BETAGERI	LAKKUNDI	245/*/7	Maize (Makka)	Rainfed	05 Jun 2025	csc_273434530018
1135	SHIVALINGAPPA NAGAPPA NILLANNAVAR	Gadag	Lakshmeshwar	BALEHOSUR	BALEHOSURA	179/*/5	GROUNDNUT	Rainfed	06 Jun 2025	csc_227156710018
1137	Nurasab K Jangli	Gadag	Lakshmeshwar	BALEHOSUR	BALEHOSURA	16/*/4	GROUNDNUT	Rainfed	06 Jun 2025	csc_227156710018
1163	Andappa Bheemappa Madalli	Gadag	Gadag	KANAGINAHAL	KANAGINAHALA	455/*/7	Green Gram (Moong Bean/ Moong)	Rainfed	06 Jun 2025	gone_OPR17410



**Map 3:** Agency Wise Crop Insurance Map of Advisomapura Village. District & Taluk: Gadag



**Map 4:** Map showing Water Source for Insured Crop in Vithalapur Village. Mundaragi District Gadag.

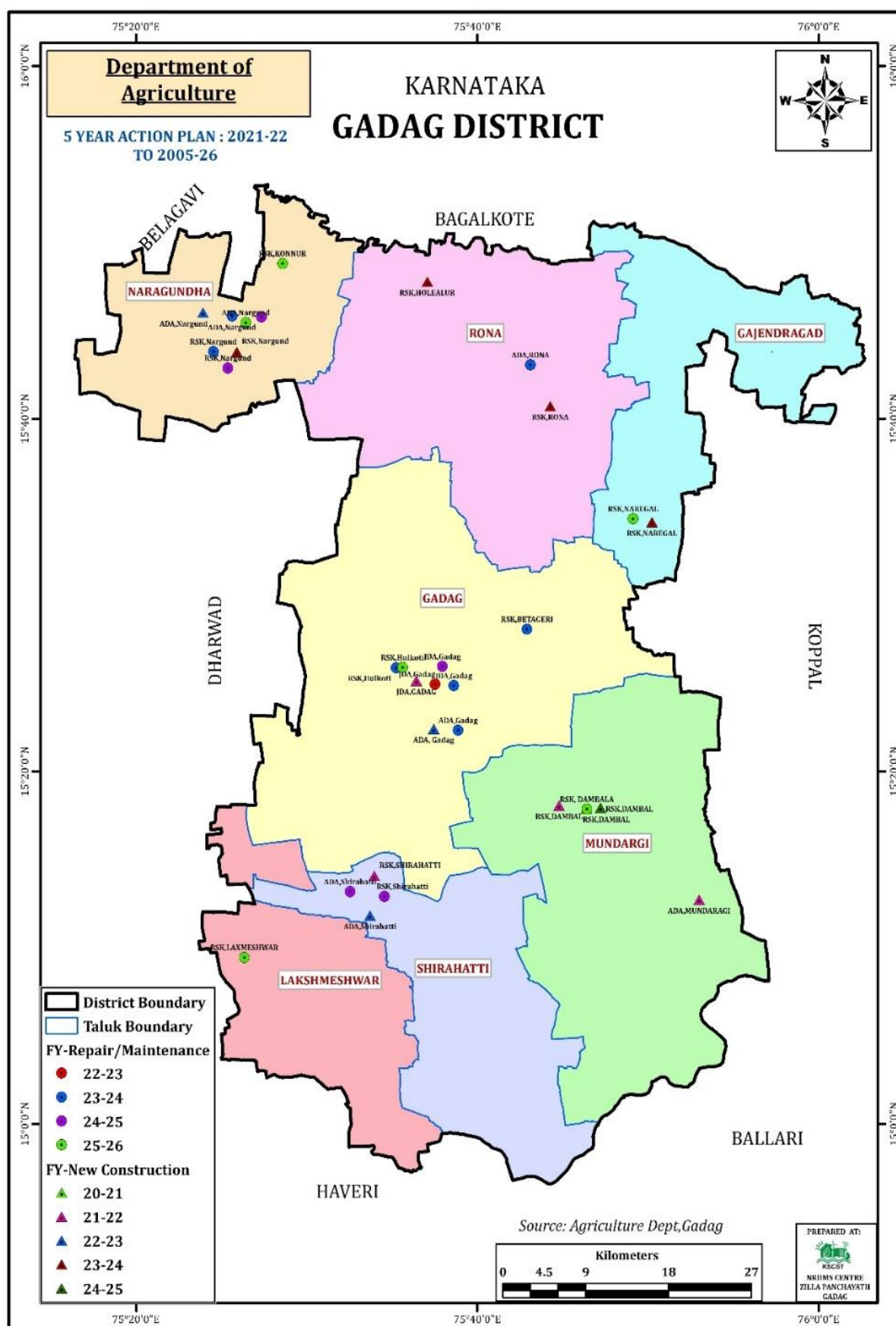




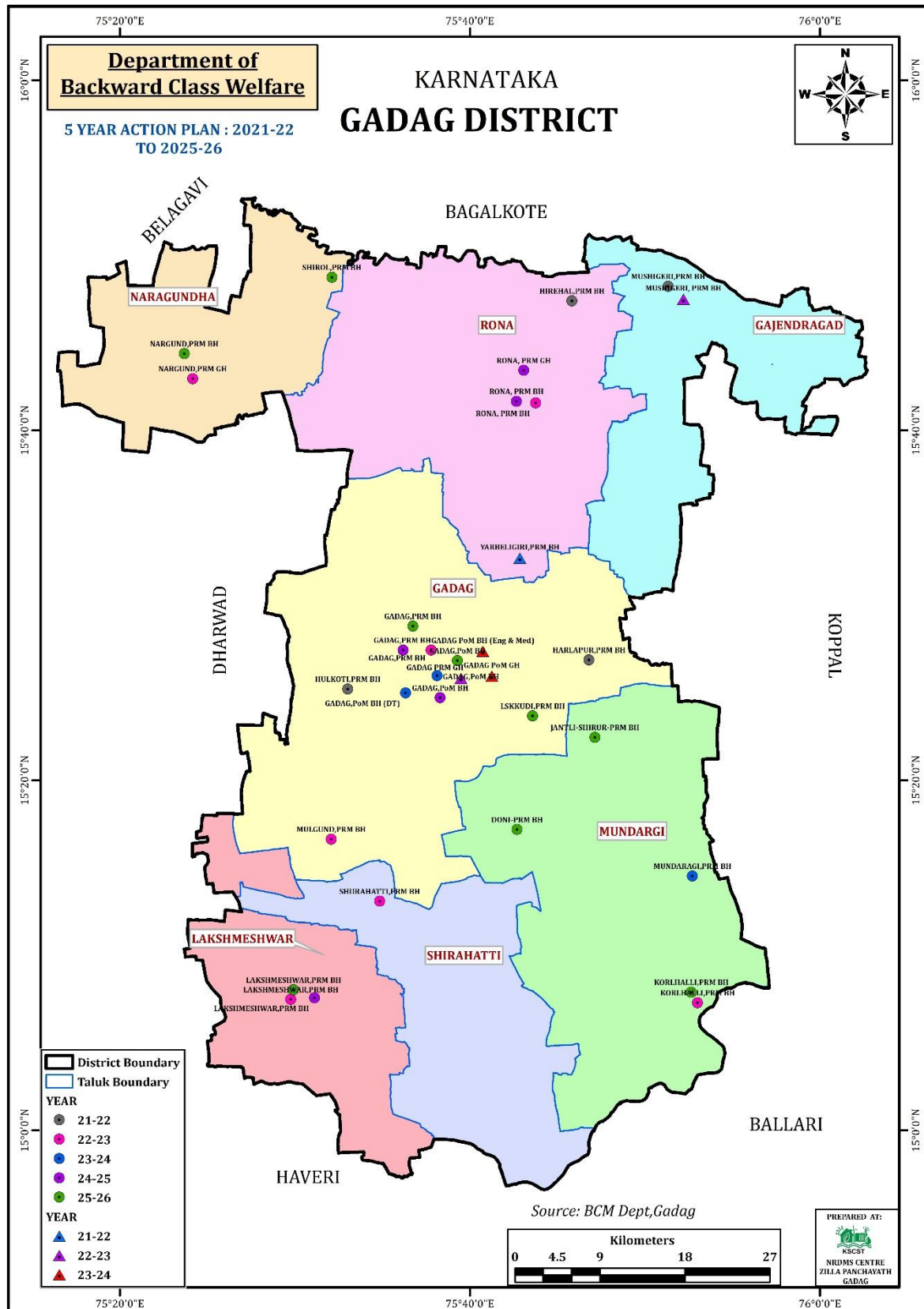
**Activity -3**

<b>Title of work</b>	5 Year Action Plan Map of Major Departments
<b>Department Name</b>	Chief Planning Office, ZP, Gadag.
<b>Objectives</b>	For submission of Action Plan Government has made mandatory to provided map of work taken in the last 5 years. Hence provided action plan map of Major department to submit along with action plan.
<b>Data Used</b>	District Boundary, Taluk Boundary, Village Boundary and Department wise work layer (Point)
<b>Data Process</b>	Excel data provided by department was converted into point data and plotted to prepare action plan map.
<b>Type of Data Provided</b>	JPEG Maps

**Map 5: 5 Year Action Plan Map of Agriculture Department, Gadag District.**



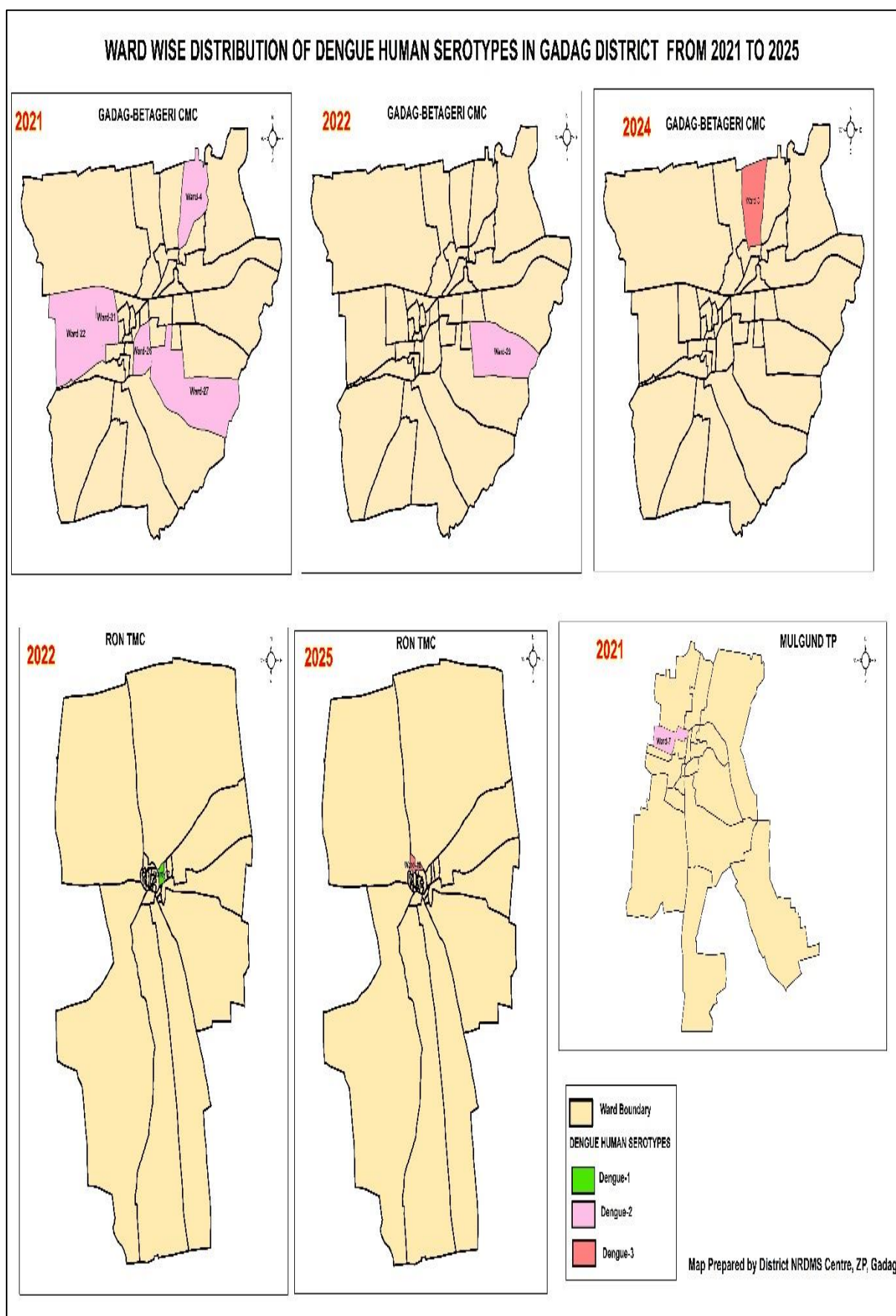
**Map 6: 5 Year Action Plan Map of Backward Class Welfare Department, Gadag District.**



**Activity -4**

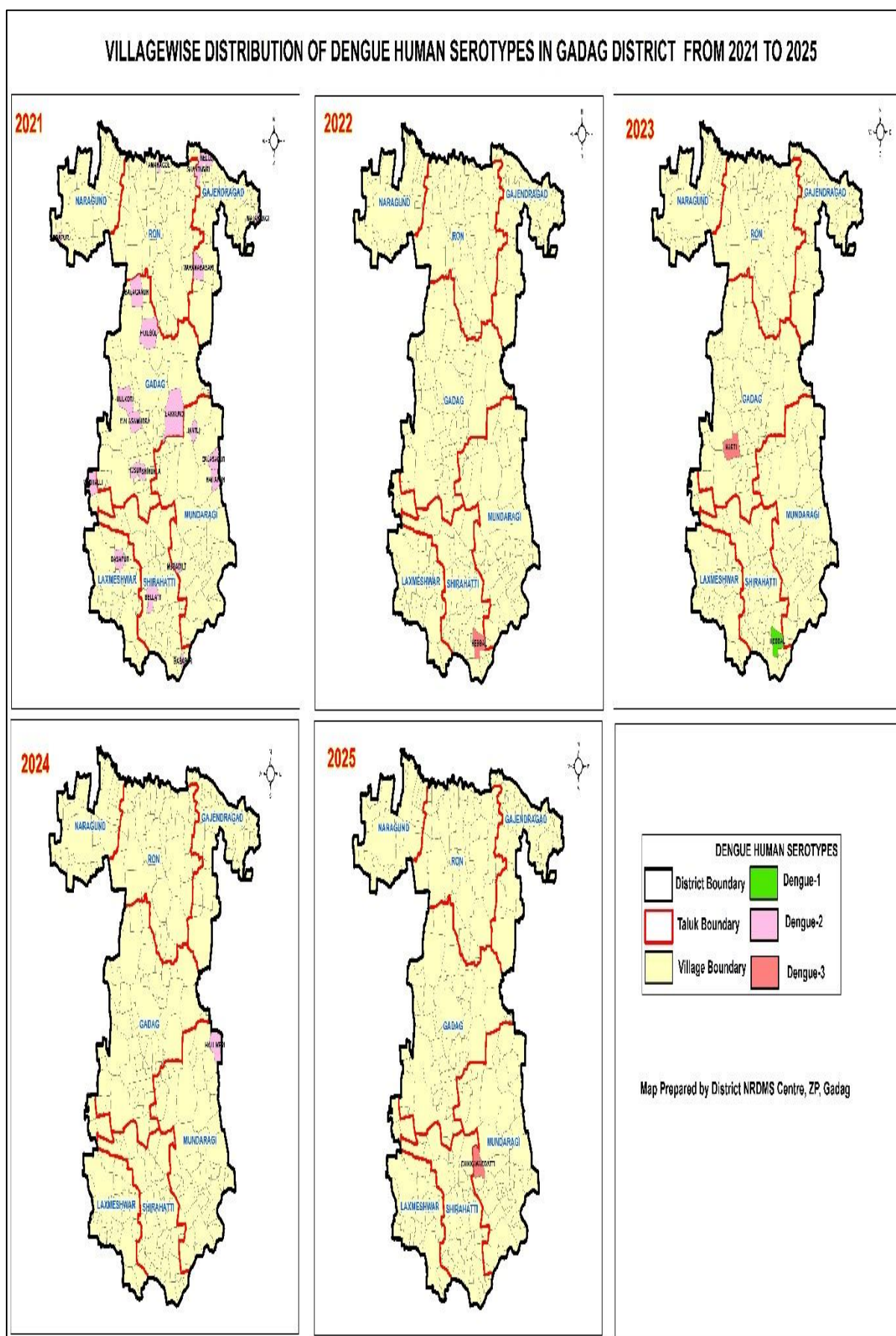
<b>Title of work</b>	Village and city wise distribution of Dengue Human Stereotypes in rural and urban parts of Gadag District from 2021-25
<b>Department Name</b>	Health Department, Gadag.
<b>Objectives</b>	Health Department requested to provide map showing spatial distribution of Dengue Human Stereotypes in rural and urban parts of Gadag District from 2021-25 to prepare report and to submit to Government.
<b>Data Used</b>	District Boundary, Taluk Boundary, Village Boundary and Department wise work layer (Point)
<b>Data Process</b>	Excel data provided by department was converted into point data and plotted to prepare map.
<b>Type of Data Provided</b>	JPEG Maps

**Map 7: Ward Wise Distribution of Dengue Human Sterotype in Gadag District from 2021-25**





**Map 8:** Village Wise Distribution of Dengue Human Sterotype in Gadag District from 2021-25



**Activity -5**

<b>Title of work</b>	Cart Track Details of Gadag District.
<b>Department Name</b>	Panning Department & PRED Department, ZP Gadag
<b>Objectives</b>	For preparing estimate for action plan to improve cart tract in Gadag District
<b>Data Used</b>	Village Boundary, Taluk and Cart Tract Layers
<b>Data Process</b>	Using intersection village wise cart tract layer was extracted and length in each village is calculated and data provided
<b>Type of Data Provided</b>	Excel Data

**Table 2:** Village wise Cart tract Length (in Mts)

Distance in Mts				
Taluk	Village	Kacha Cart Track	Pacca Cart Track	Total
GADAG	ANTUR	1333.84	0.00	1333.84
GADAG	ASUNDI	688.35	0.00	688.35
GADAG	BALAGANUR	2190.37	0.00	2190.37
GADAG	BELAHOD	466.84	0.00	466.84
GADAG	BENAKANAKOPPA	1808.29	0.00	1808.29
GADAG	BRAHMANDAPUR	2011.29	0.00	2011.29
GADAG	CHINCHALLI	1890.07	0.00	1890.07
GADAG	DUNDUR	718.99	0.00	718.99
GADAG	GADAG-BETAGERI (CMC)	2324.75	36049.87	38374.62
GADAG	HANGANAKATTI	1776.29	0.00	1776.29
GADAG	HARLAPUR	2796.67	0.00	2796.67
GADAG	HARTI	2118.39	0.00	2118.39
GADAG	HATALAGERI	0.00	17.99	17.99
GADAG	HOMBAL	4758.77	0.00	4758.77
GADAG	HOSUR	1030.55	0.00	1030.55
GADAG	HULKOTI	1872.42	0.00	1872.42
GADAG	KALLUR	4291.96	0.00	4291.96
GADAG	KANAGINAHAL	2742.70	0.00	2742.70
GADAG	KIRITAGERI	1773.40	0.00	1773.40
GADAG	KOTUMACHAGI	2152.19	0.00	2152.19
GADAG	KURTAKOTI	3995.24	0.00	3995.24



GADAG	LAKKUNDI	3787.65	0.00	3787.65
GADAG	LINGADHAL	1397.51	0.00	1397.51
GADAG	MADAGANUR	560.23	0.00	560.23
GADAG	MALASAMUDRA	9163.04	0.00	9163.04
GADAG	MULGUND (TP)	831.79	0.00	831.79
GADAG	NEELAGUND	2713.60	0.00	2713.60
GADAG	NEERALAGI	494.29	0.00	494.29
GADAG	PAPANASHI	896.84	0.00	896.84
<b>Grand Total</b>		<b>62586.33</b>	<b>36067.86</b>	<b>98654.19</b>

<b>Taluk</b>	<b>Village</b>	<b>Kacha Cart Track</b>	<b>Pacca Cart Track</b>	<b>Total</b>
GAJENDRAGAD	BENACHAMATTI	2121.54	0	2121.54
GAJENDRAGAD	BEVINAKATTI	1192.37	0	1192.37
GAJENDRAGAD	BOMMASAGAR	323.11	0	323.11
GAJENDRAGAD	CHICKALAGUNDI	4001.19	0	4001.19
GAJENDRAGAD	CHILZER	2905.68	0	2905.68
GAJENDRAGAD	HALAKERI	319.74	0	319.74
GAJENDRAGAD	HIREALAGUNDI	1112.41	0	1112.41
GAJENDRAGAD	HIREKOPPA	909.74	0	909.74
GAJENDRAGAD	ITAGI	3131.99	0	3131.99
GAJENDRAGAD	KALAKAPUR	1130.04	0	1130.04
GAJENDRAGAD	LAKKALAKATTI	2295.09	0	2295.09
GAJENDRAGAD	MARANABASARI	2445.60	0	2445.60
GAJENDRAGAD	MUSHIGERI	124.89	0	124.89
GAJENDRAGAD	NAGARASHIKOPPA	748.81	0	748.81
GAJENDRAGAD	NAGENDRAGAD	294.63	0	294.63
GAJENDRAGAD	NAREGAL (TP)	20164.43	0	20164.43
GAJENDRAGAD	NELLUR	1545.78	0	1545.78
GAJENDRAGAD	NIDAGUNDI	9639.20	0	9639.20
GAJENDRAGAD	SARJAPUR	348.27	0	348.27
GAJENDRAGAD	SHANTAGIRI	4117.52	0	4117.52
GAJENDRAGAD	SUDI	2298.81	0	2298.81
GAJENDRAGAD	VEERAPUR	934.95	0	934.95
<b>Grand Total</b>		<b>62105.80</b>	<b>0.00</b>	<b>62105.80</b>

## **2. Training Programmes Attended:**

1. Attended 2 days training regarding “**Thematic training programme on District Specific Disaster Management Plan**” at DTI Gadag on 19th and 20th August 2025.
2. Attended 2 days training regarding “**Yuktadhara Portal**” at ANSIRD, Regional Centre, Dharwad on 25<sup>th</sup> and 26<sup>th</sup> September 2025.

## **3. Training Imparted to Line Department:**

1. Provided 2-day GIS training to newly appointed Village Administrative Officer, Revenue Department in Gadag district on 01/08/2025 to 02/08/2025.

## **4. Science Outreach Activities:**

No Science Outreach Activities were conducted during this period.

## **5. Conclusion:**

### **A) Summary of Activities Under Take.**

During this period district NRDMS center, ZP Gadag provided various Maps, data and report to Zilla Panchayat Office, Deputy Commissioner Office and various line department, pertaining to implementation of various activities and assist district administration in disaster management.

### **B) Commitment to Improve NRDMS Activities.**

District NRDMS Centre ZP Gadag is committed to provide quality and scientific assistance to department for implementation of developmental activities in district.

District NRDMS center is also committed to update the existing data base as up to date to enhance its performance and to assist the departments.

Centre is also committed to learn and update ourself to latest GEO SPATIAL technology and other software to improve our efficiency.

## **6. Annexures:**

### **List of Tables:**

**Table 1:** Crop Survey data provided by department.

**Table 2:** Village wise Cart tract Length (in Mts)

### **List of Maps:**

**Map 1:** Rationalized Polling Station Location Map of 66-Shirahatti LAC.

**Map 2:** Rationalized Polling Station Location Map of 68-Nargund LAC.

**Map 3:** Agency Wise Crop Insurance Map of Advisomapura Village. District & Taluk: Gadag.

**Map 4:** Map showing Water Source for Insured Crop in Vithalapur Village. Mundaragi District Gadag.

**Map 5:** 5 Year Action Plan Map of Agriculture Department, Gadag District.

**Map 6:** 5 Year Action Plan Map of Backward Class Welfare Department, Gadag District.

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