

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

## **Bengaluru South District Technical Report**



**December- March 2025**

**Submitted By**

**District NRDMS Centre,  
Zilla Panchayat, Bengaluru South.**

**Karnataka State Council for Science and Technology  
(KSCST)**

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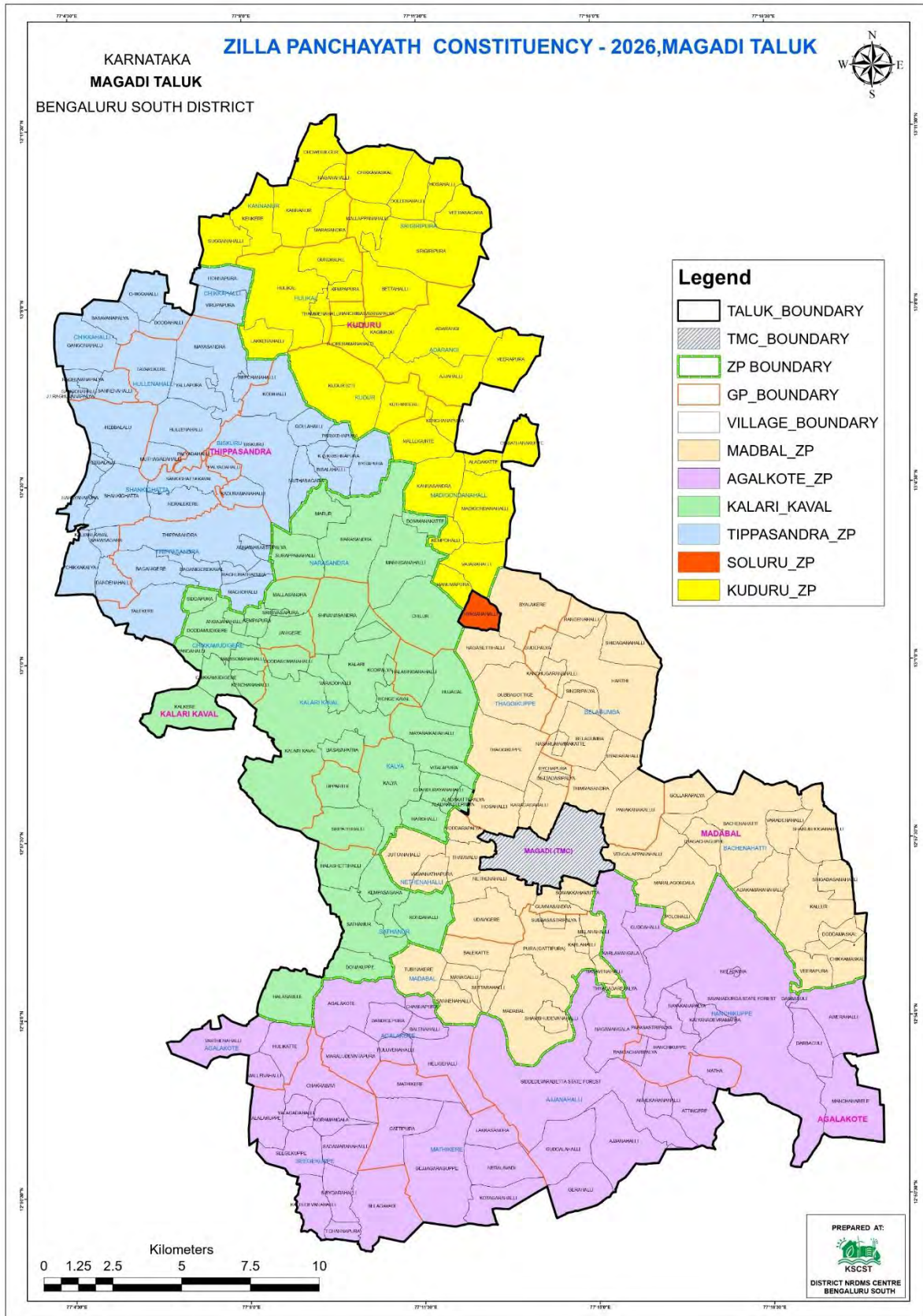
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## 1. Major Activities Carried Out during the period of December - March 2025

### Activity: 1

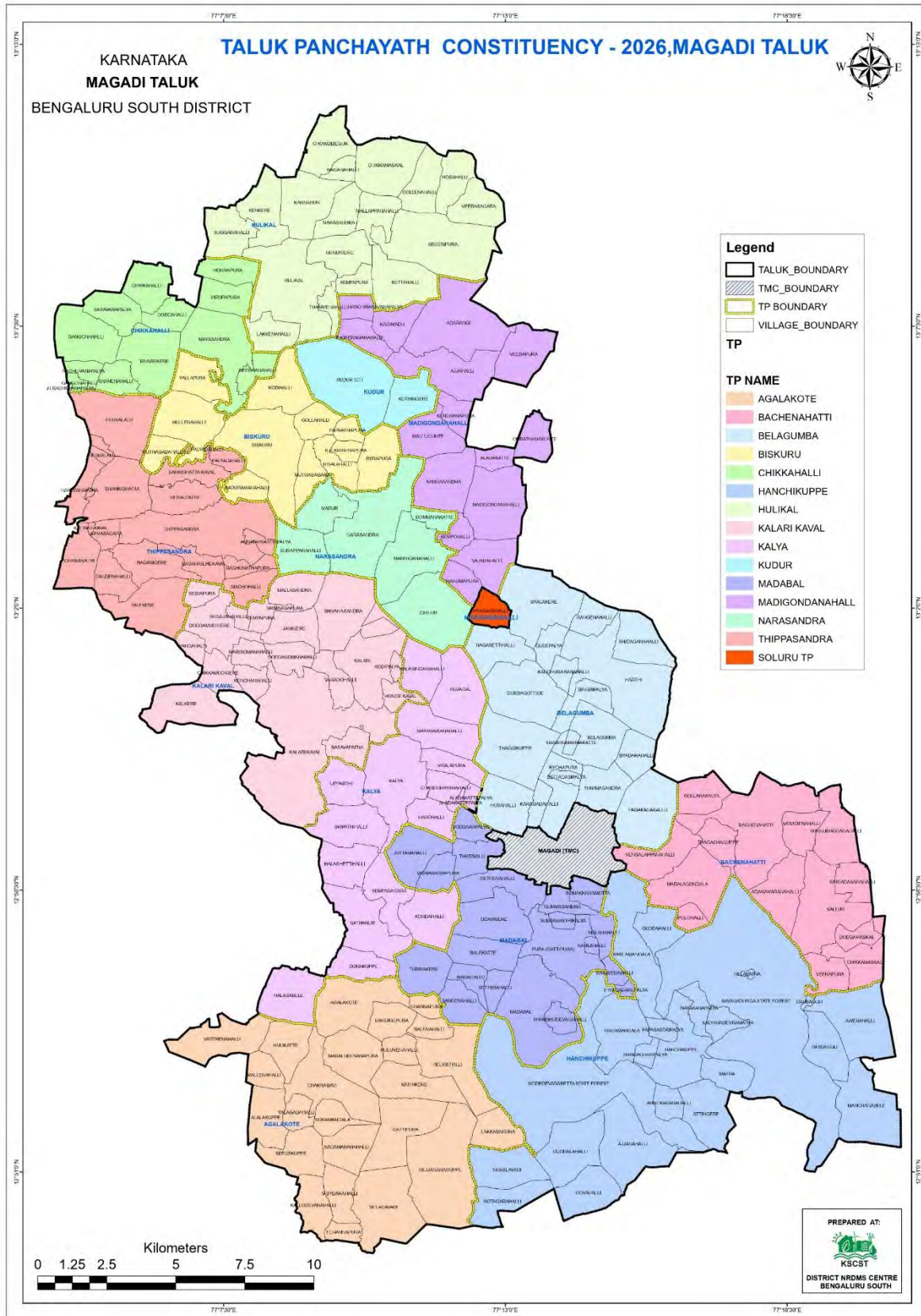
<b>Title of work</b>	Magadi Taluk Zilla Panchayath and Taluk Panchayath Maps
<b>Department Name</b>	Revenue Department (Magadi Taluk Office )
<b>Objectives</b>	Delimitation work of Magadi Taluk Zilla Panchayath and Taluk Panchaytah Constituency Boundary
<b>Data Used</b>	Taluk Boundary,Town,GP,Village Boundary and Zilla Panchayath and Taluk Panchaytah Constituency Boundary
<b>Data Process</b>	Discuss with Magadi Taluk Election Nodal Officers and then prepared Zilla Panchayath and Taluk Panchaytah Constituency Boundary after that create Maps
<b>Type of Data Provided</b>	PDF and JPEG Maps <b>(Map-1 &amp; 2).</b>

Map 1: Magadi Taluk Zilla Panchayath Delimitation Maps





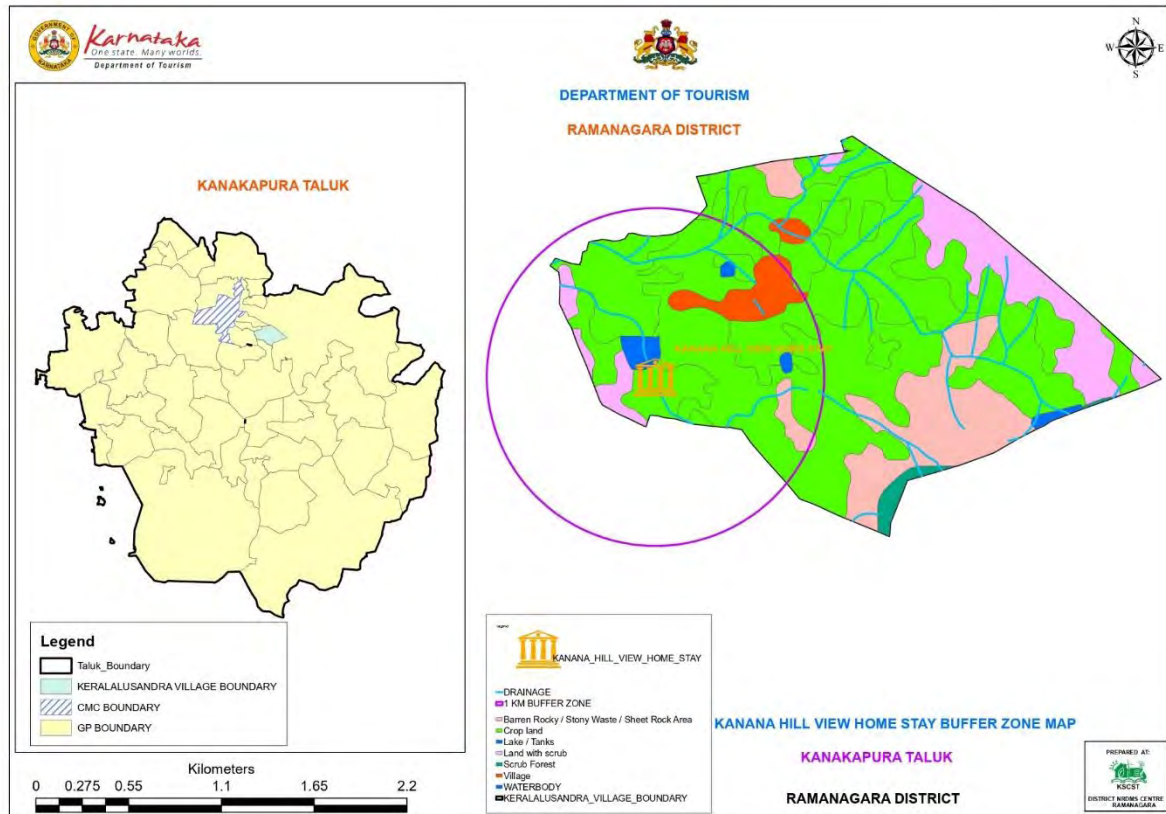
Map 2: Magadi Zilla Taluk Panchayath Delimitation Maps



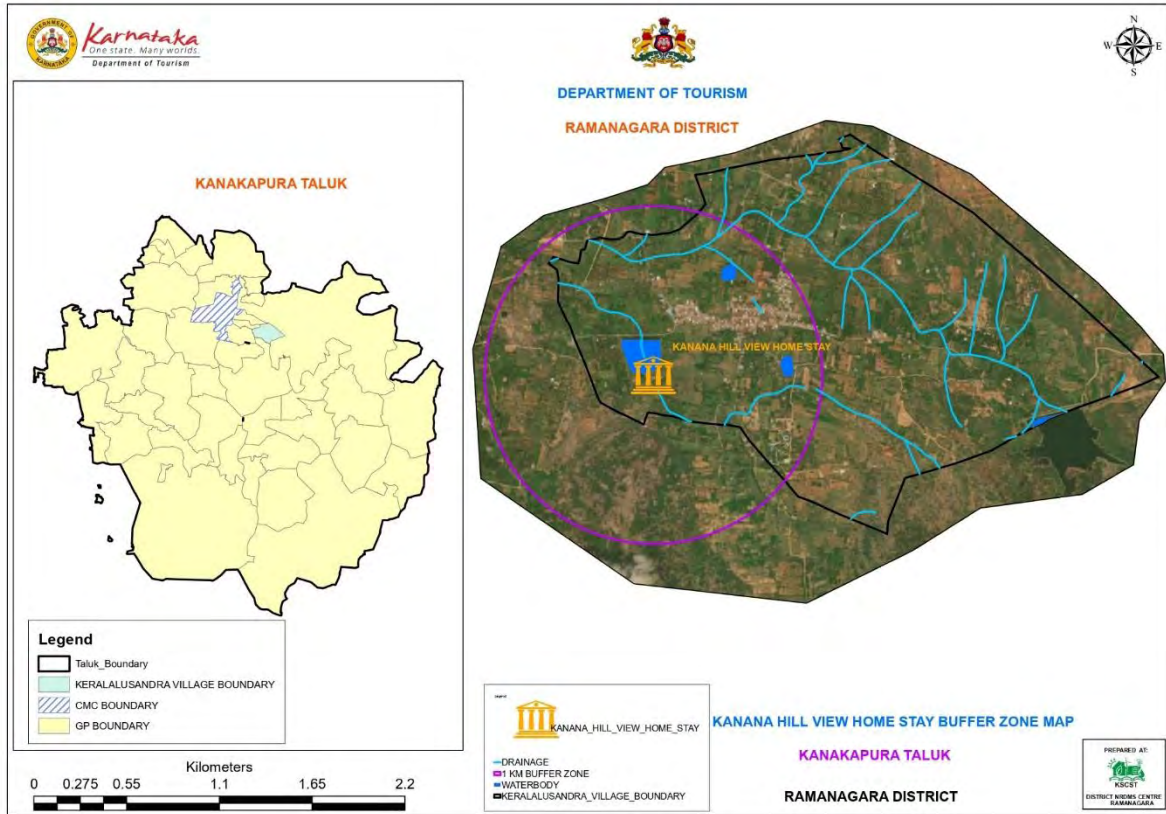
### Activity -2

<b>Title of work</b>	Preparation of Tourism Maps
<b>Department Name</b>	Tourism Department
<b>Objectives</b>	Prefer for New Homestay in Bengaluru South District in Suitable Location
<b>Data Used</b>	GP Boundary, Town Boundary, Village Boundary and GPS Location of Proposal Homestay.
<b>Data Process</b>	Collection of GPS Location of Proposal Homestay and then Create 2 KM Buffer Zone from Proposal Homestay and then Analyze the Geomorphology of particular area then after the prepare the Maps.
<b>Type of Data Provided</b>	PDF and JPEG Maps ( <b>Map-03 and 04</b> )

**Map 3: Proposal Homestay Map**



Map 4: Proposal Homestay Map

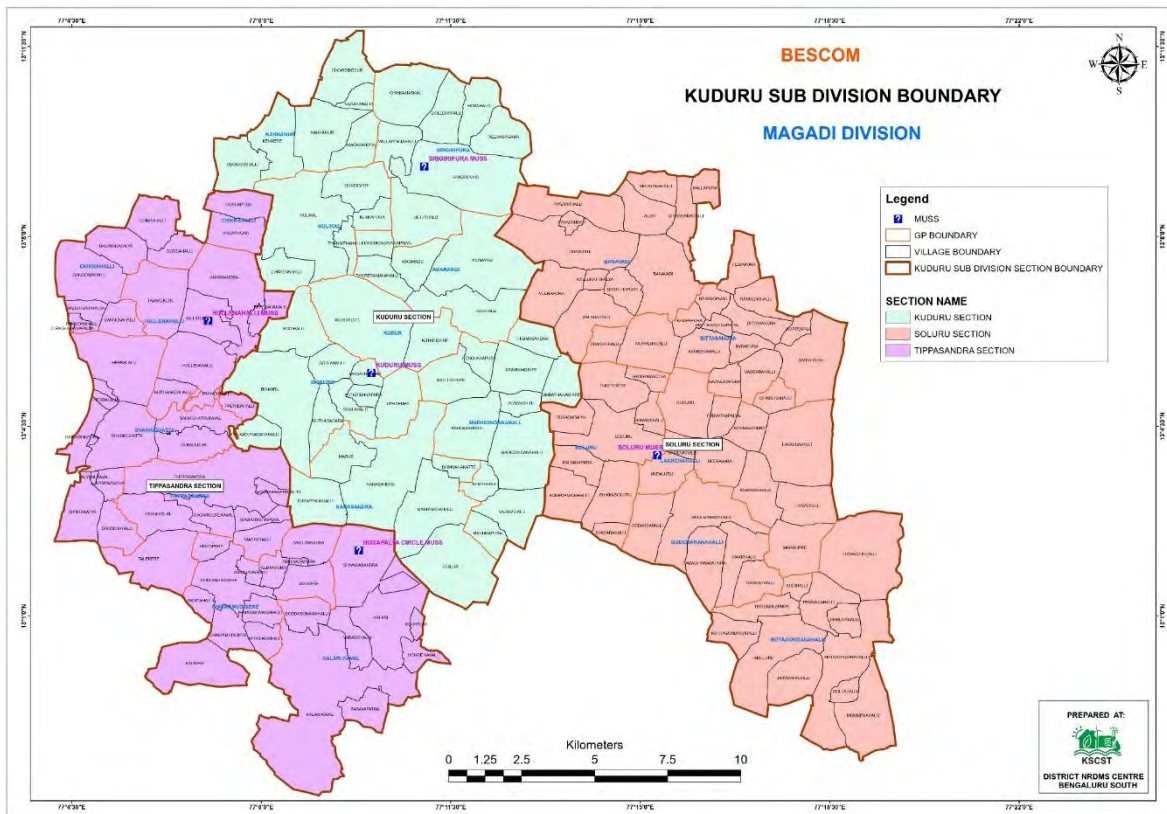




**Activity - 3**

<b>Title of work</b>	Preparation Bescom Maps.
<b>Department Name</b>	Bescom ( Kuduru Section )
<b>Objectives</b>	Preparation of installation of TC and Electric Poles
<b>Data Used</b>	GP Boundary,Village Boundary,Kuduru Bescom Section Boundary,MUSS GPS Locations
<b>Data Process</b>	Import MUSS GPS Location from Data base and then Process to Map.
<b>Type of Data Provided</b>	PDF and JPEG Maps ( <b>Map-04</b> )

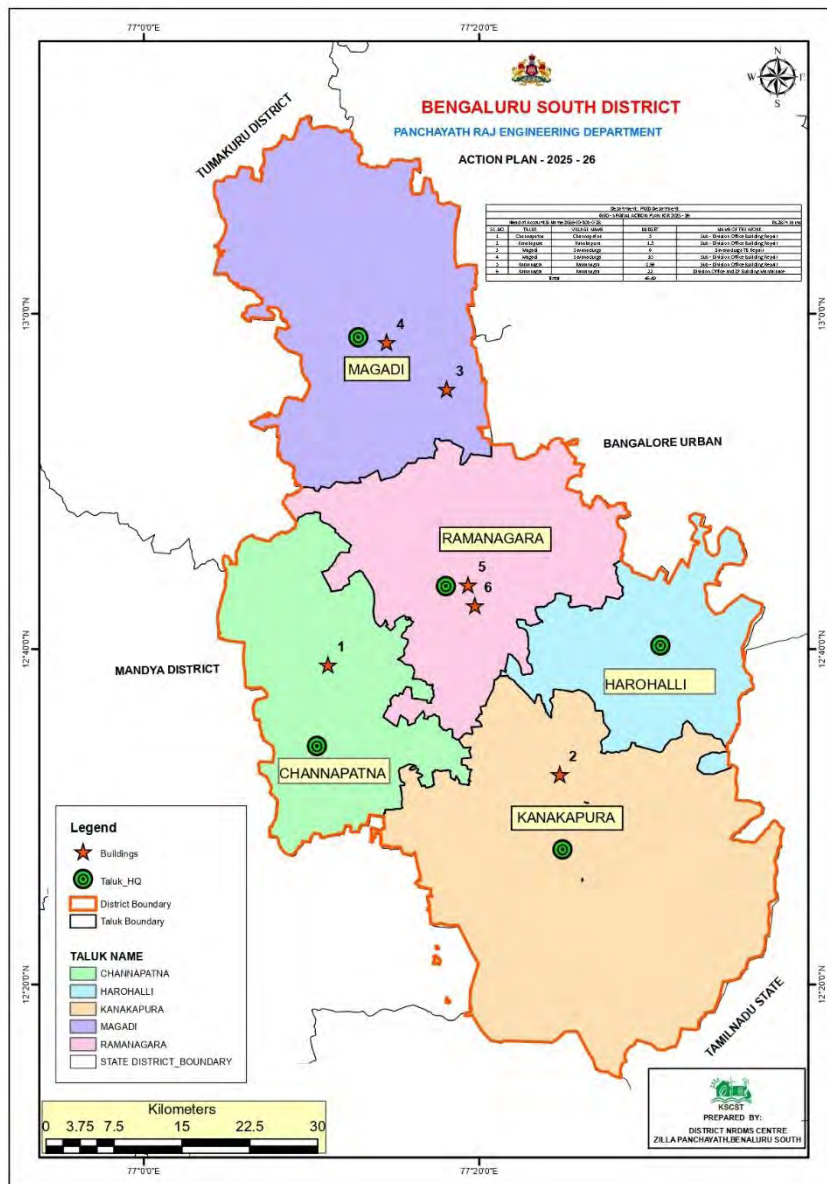
**Map 5: Kuduru Sub Division BESCO Map.**



**Activity - 4**

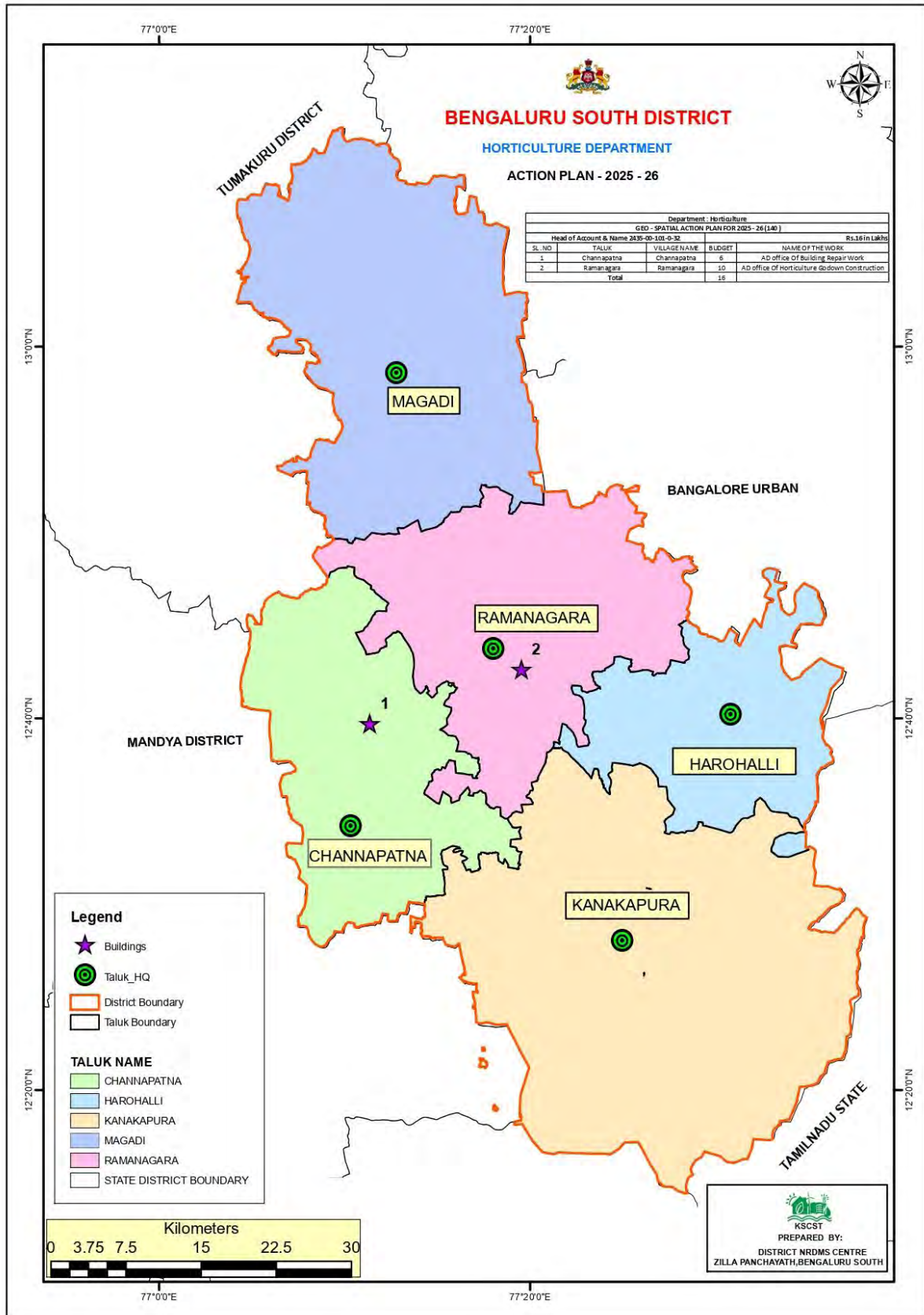
<b>Title of work</b>	Preparation of 2025 – 26 Action Plan maps and 2026 – 27 Draft Plan Maps
<b>Department Name</b>	Planning Section ( ZP )
<b>Objectives</b>	Preparation of 2025 – 2026 Action Plan and 2026 – 27 Draft Plan Maps for Development works in ZP Funds.
<b>Data Used</b>	District Boundary, Taluk Boundary, GPS Particular works
<b>Data Process</b>	Using All layers and prepare Maps
<b>Type of Data Provided</b>	PDF and JPEG Maps ( <b>Map - 6</b> )

**Map 6: 2025 - 26 Action Plan Map**

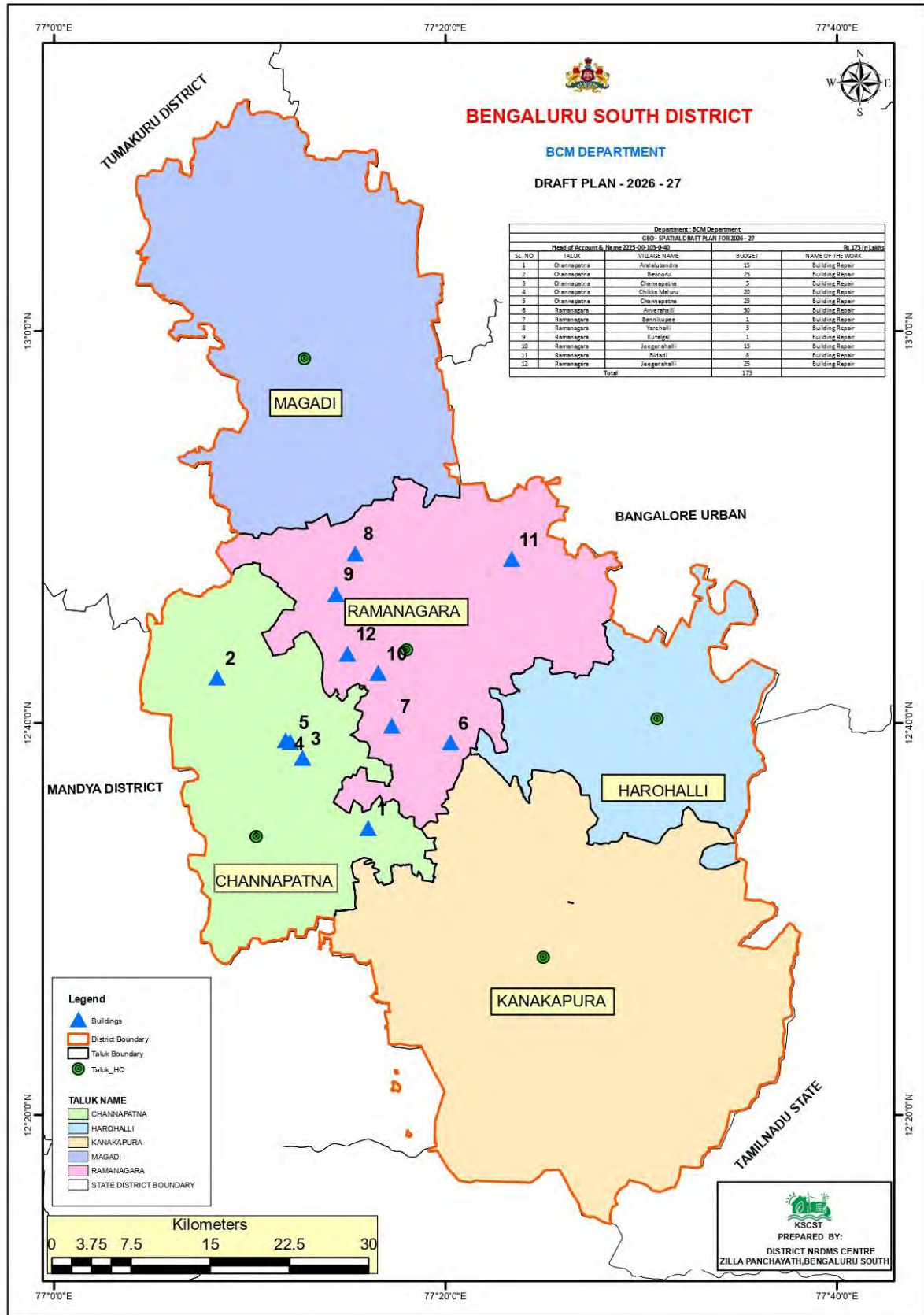




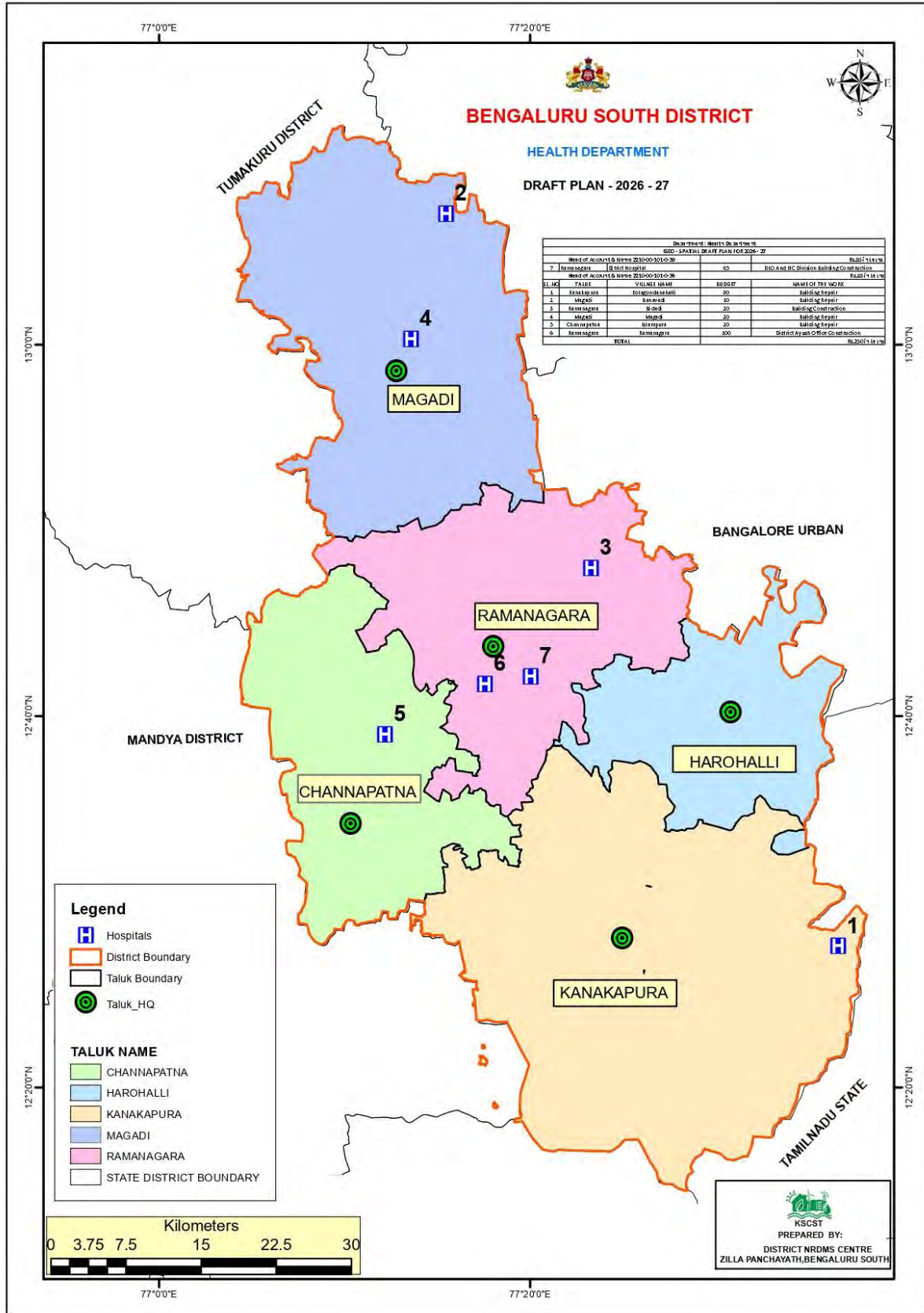
Map 7: 2025 - 26 Action Plan Map



Map 8: 2026 - 27 Draft Plan Map



Map 9: 2025 - 26 Draft Plan Map

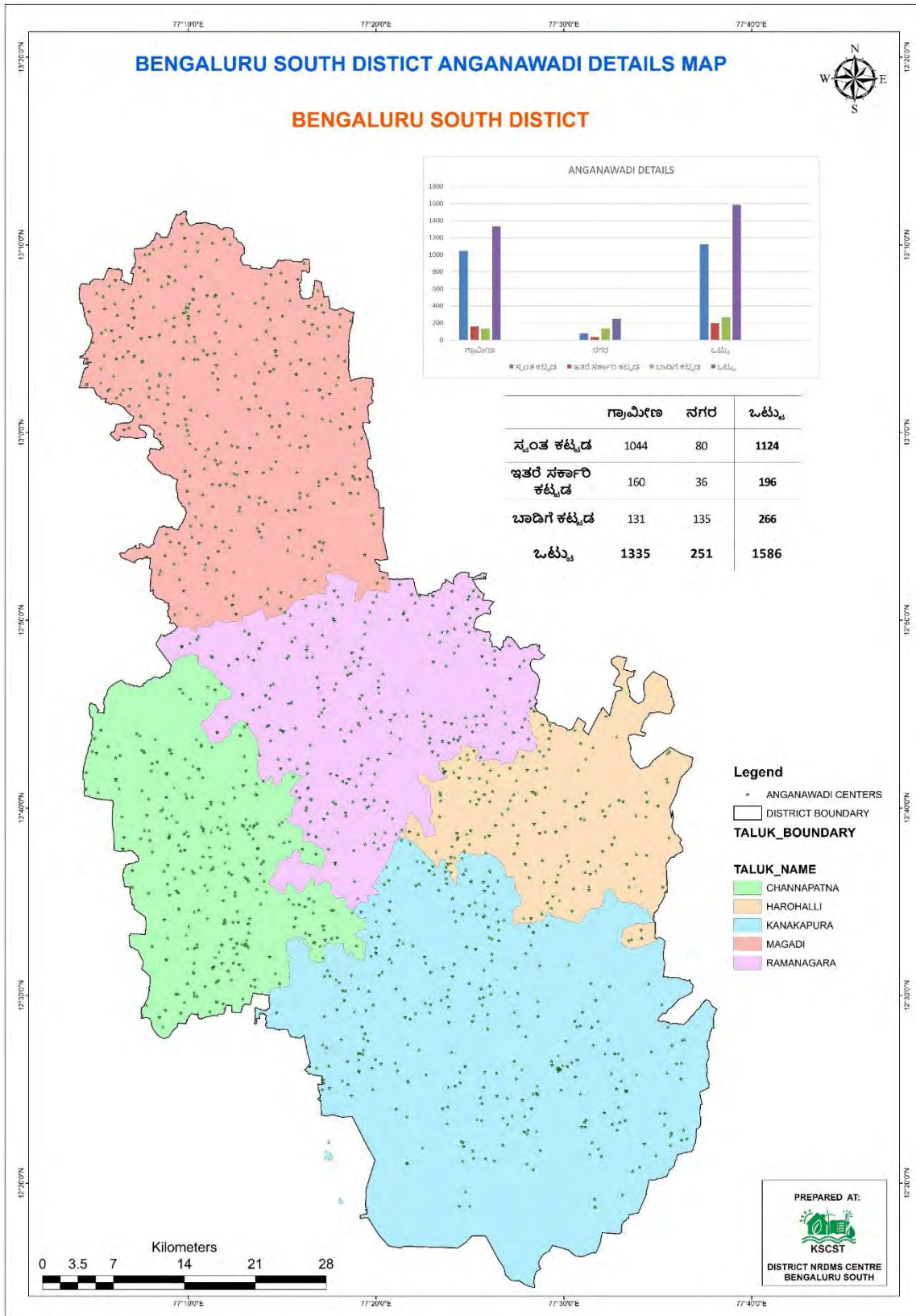


**Activity - 5**

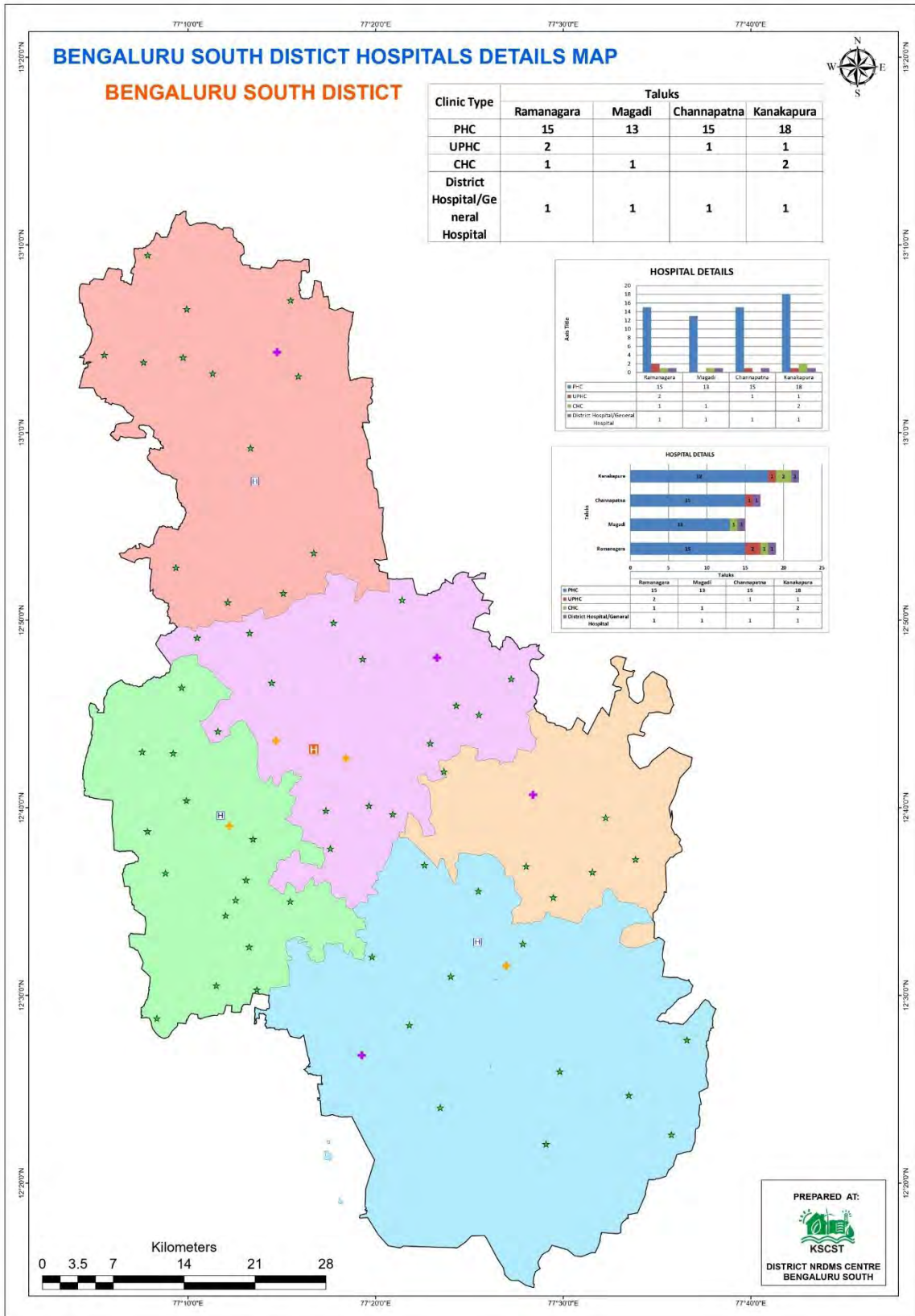
<b>Title of work</b>	Preparation of ISDPR and DHDR Plan Maps
<b>Department Name</b>	Planning Section ( ZP )
<b>Objectives</b>	Preparation of ISDPR 2025 - 2031 and DHDR 2025 Plan Maps for Development works in District Level Plans.
<b>Data Used</b>	District Boundary, Taluk Boundary, GPS Particular Department Assets.
<b>Data Process</b>	Using All layers and prepare Maps
<b>Type of Data Provided</b>	PDF and JPEG Maps ( <b>Map - 10 - 12</b> )



**Map 10: ISDPR and DHDR Plan Maps**



Map 11: ISDPR and DHDR Plan Maps





## **2. Training Programmes Attended**

No Training Attended in August to November

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

1. Hands on Training given to Selected BLO (Booth Level Officers ) for Census purpose how Collect GPS ( within CMC and TMC Limits ) in Field for Department Assests and Landmarks.

## **4. Science Outreach Activities**

Science Outreach Activities Programme Not conducted during this period.

## **5. Conclusion**

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

During this period district NRDMS center, ZP Bengaluru South provided various Maps, data and report to Zilla Panchayat Office, Deputy Commissioner Office, Police Department 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 Bengaluru South 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 Maps:**

**Map 1:** Magadi Taluk Zilla Panchayath Delimitation Maps

**Map 2 :** Magadi Taluk Panchayath Delimitation Maps

**Map 3:** Praposal Homestay Map

**Map 4:** Praposal Homestay Map

**Map 5:** Kuduru Sub Division BESCO Map.

**Map 6 :** 2025 – 26 Action Plan Map

**Map 7:** 2025 – 26 Action Plan Map

**Map 8:** 2026 – 27 Draft Plan Map

**Map 9:** 2026 – 27 Draft Plan Map

**Map 10 :** ISDPR and DHDR Plan Maps

**Map 11 :** ISDPR and DHDR Plan Maps

**Map 12 :** ISDPR and DHDR Plan Maps