



Yadgiri District Technical Report

August-November 2025

Submitted By

District NRDMS Centre

Zilla Panchayat, Yadgiri

Index

| SI NO | Content | Page No |
|--------------|---|----------------|
| 01 | Basic Information of Yadgiri District | 02-05 |
| 02 | Spatial and Non Spatial Data | 06-12 |
| 03 | Major Activity Carried out | |
| | 1) Action Plan Maps for Line Department | 12-16 |
| 04 | Training Programs | 24 |

1. Basic Information of Yadgiri District:

District Name: Yadgiri

Division: Kalburgi

District Establishment Year: 2010

Head quater: Yadgiri City

Current CPO: Mr.Kumalaya

Current CEO: Dr.Lavish Ordia, IAS,

2. Background of District NRDMS Centre, Yadgiri:

NRDMS programme aims to analyze the evolution of methodologies and techniques for formulating development strategies. In a scenario of large diversity of data sets, data users and data generating agencies, the programme aims at developing and demonstrating the use of spatial decision support tools for integrated planning and management of resources at the local level.

The District NRDMS Centre was established in the year 2009-10 at Zilla Panchayat Office. District NRDMS Centre is been actively involved in providing Geospatial support to Zilla Panchayat office, District administration and other line departments of the districts for better planning and execution of development work.

3. Geographical Features:

A. Location & Boundaries:

Yadgir District is one of the 31th districts of Karnataka state in southern India. This district was carved out of Kalburgi district as the 30th district of Karnataka on 10 April 2010. It is also the administrative headquarters of Yadgir taluk, one of the six taluks of the district.

Co-ordinates : [16.77° N 77.13°E](#)

Density : 10,500.36 /km² (27,196/sq mi)

Elevation:389 Meters(1,276 FT)

B. History

The town was under the Western Chalukyas in the ancient period. The name Yadgir (Yadgiri, historically known as *Yetagiri*) is derived from its early medieval rulers. Yadavs from the present-day Andhra Pradesh. A certain Mohammed Kasim was said to be a strong chieftain who ruled Yadgir for a long period after defeating the Yadavs, though there is no historical evidence to support it. Later, it came under the reign of the Bahamani Sultanate, the Bijapur Sultanate and finally, the Nizams of Hyderabad. A major economic development of the city took place under Philip Meadows Taylor, the administrator of the principality of Shorapur.

C. Overview

Yadagiri, historically known as *Yetagir*, it is dotted with many historical monuments and has a majestic hill fort with three rounds of fortifications. There are three ancient temples,

medieval mosques, tanks and wells on top of the hill. The barren landscape below offers a magnificent view. A tank, the Sanna Kere is located in the heart of the town.

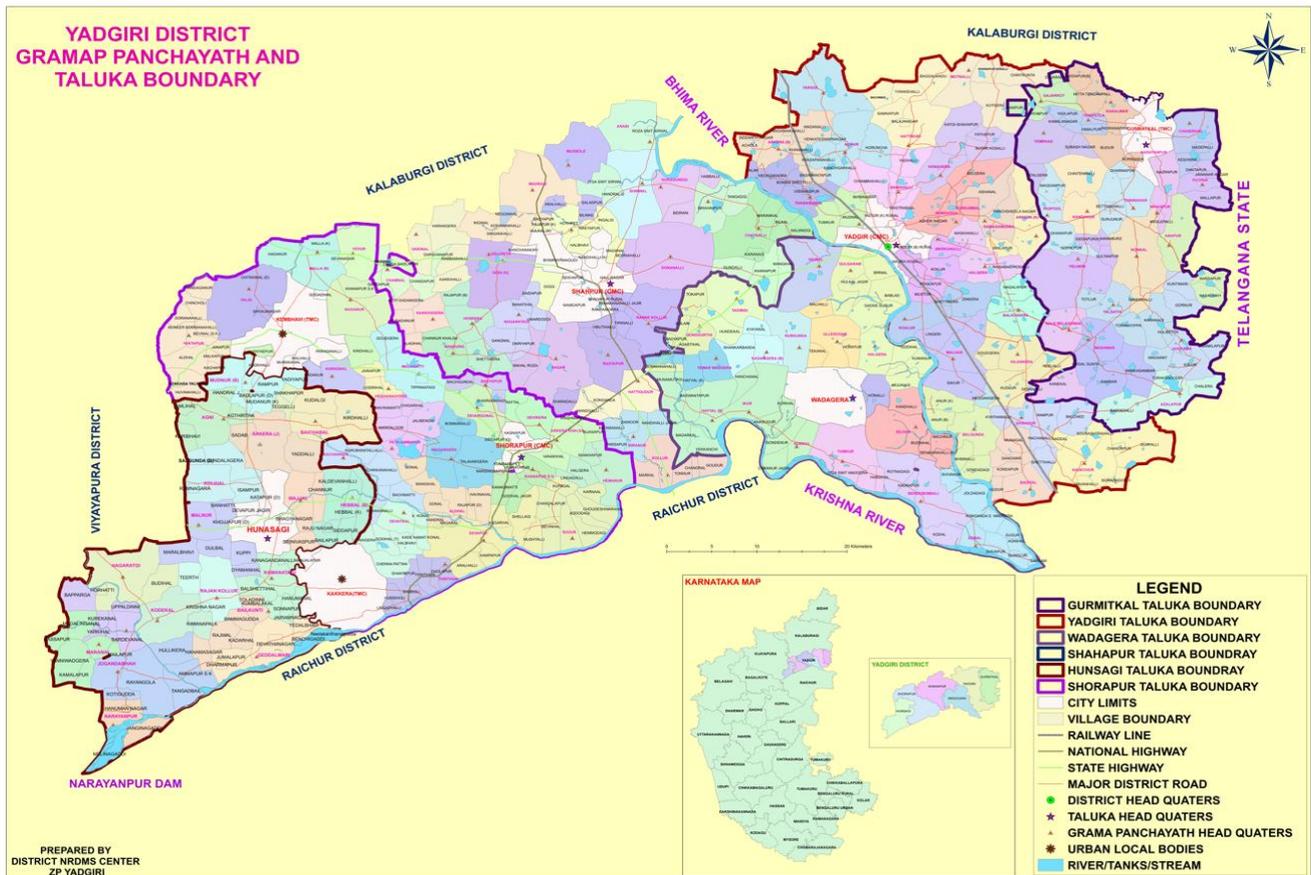
D. **Divisions**

Presently, the district comprises Six taluks: Shahpur, Surpur, Yadgir, Gurmitkal, Wadgire, Hunsagi . The district has 16 hoblies, 122 Gram Panchayets, 745 villages (inhabited & uninhabited) and four municipalities.

E. **Geography**

The District is spread over an area of 5234.41 KM. Bhima River flows through Yadgir town. Still today people of yadagiri never faced water problem and also Krishna River Flows across the District.

Map 1: Location Map of Yadgiri District.



Topography:

Yadgir district's includes fertile plains in the Krishna and Bhima river basins, characterized by vast stretches of black cotton soil, and a location on the Deccan Plateau at approximately 693 meters above sea level. The region is also marked by hills, such as the one featuring the historic Yadgir fort, and the unique "Sleeping Buddha Hill" near Shahapur, which forms a prominent geographical landmark.

Key Topographical Features

- **Deccan Plateau Location:**

The district is situated on the Deccan Plateau, a large, physiographic region known for its volcanic origin.

- **Fertile Plains:**

Significant areas consist of fertile plains with black cotton soil, particularly in the river basins of the Krishna and Bhima, supporting agriculture.

- **River Systems:**

The rivers Krishna and Bhima flow through the district, contributing to irrigation and suitable conditions for human habitation and agriculture.

- **Hills and Forts:**

The district features hills, notably the hill at Yadgir town, which is surmounted by a historic fort with a multi-tiered fortification. Another significant landmark is "Sleeping Buddha Hill," a unique rock formation near Shahapur that resembles the figure of a sleeping Buddha.

- **Elevated Landscape:**

The district is located at an elevation of approximately 693 meters (2,274 feet) above mean sea level.

2. Spatial & Non-Spatial Data:

Status Code: Meaning

CC : Computerized.
 ND :Not Digitized
 NA :Not Procured
 NR :Not Relevant
 NF :Not Finalized

SPATIAL DATABASE

| Sector / Subsector | Scale | Source | Survey / Publn. Year | Area covered | Status Code | File Form at | File path |
|-----------------------------|----------|--------|-------------------------|-----------------|----------------|--------------------|--------------|
| 1. Natural Resources | | | | | | | |
| Land | | | | | | | |
| 1. Topography | | | | | | | |
| Contour Map | 5 MTRS | KRSAC | | District | CC | .shp | F/NRDMS/DATA |
| Slope Map | 1:50,000 | KRSAC | | District | CC | .shp | F/NRDMS/DATA |
| 2. Geology – A | | | | | | | |
| Rock features | 1:50,000 | KRSAC | | District | CC | . Shp | |
| Structural features | 1:50,000 | KRSAC | | District | CC | . Shp | |
| 3. Geology – B | | | | | | | |
| Rock features | | MGD | | | | | |
| Structural features | | | | | | | |
| 4. Mineral Resources | | | | | | | |
| | | MGD | | | | | |
| 5. Geomorphology | | | | | | | |
| | 1:50,000 | KRSAC | | District | CC | . Shp | F/NRDMS/DATA |
| 6. Land use | | | | | | | |
| | 1:50,000 | KRSAC | | District | CC | . Shp | F/NRDMS/DATA |
| 7. Waste Lands | | | | | | | |
| | 1:50,000 | KRSAC | | District | CC | . Shp | F/NRDMS/DATA |
| 8. Soils | | | | | | | |
| | 1:50,000 | KRSAC | | District | CC | . Shp | F/NRDMS/DATA |
| 9. Forest & Wildlife | | | | | | | |
| Forest type | 1:50,000 | KRSAC | | District | CC | . Shp | F/NRDMS/DATA |
| Crown Density | | NA | | | | | |
| Forest Category | | NA | | | | | |
| Forest admn. | | SOI | | | | | |
| Wild Life | | NA | | | | | |
| Water | | | | | | | |
| 1. Ground water | | | | | | | |
| Hydro Geology | | MGD | | | | | |
| Hydro chemistry | | ZP | | | | | |
| Ground water budget | | | | | | | |
| 2. Surface water | | | | | | | |
| Drainage | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/DATA |

| | | | | | | | |
|----------------------|----------|-------------|--|--|--|--|--|
| Surface water bodies | 1:50,000 | SOI & KRSAC | | | | | |
| 3.Climate | | | | | | | |

| Sector / Subsector | Scale | Source | Survey / Publn. Year | Area covered | Status Code | File Format | File path |
|---------------------------------|----------|--------|----------------------|--------------|-------------|-------------|---------------------|
| 2.Demography | | | | | | | |
| Population | | | | | | | |
| Tehsil boundary | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/NEWTaluka |
| District boundary | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/NEWDistrict |
| Current popln. distbn. | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/Pop |
| Literacy | | | | | | | |
| Levels of education | 1:50,000 | SOI | 2011 census | District | CC | . Shp | F/NRDMS/DATA |
| Occupation | | | | | | | |
| Village boundary | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/NEWTaluka |
| Employment | | | | | | | |
| District scenario | | | | | | | |
| Employment exchange | | | | | | | |
| Assets & Expenditure | | | | | | | |
| Migration | | | | | | | |
| Destitutes | | | | | | | |

| 3.Socio Economy | | | | | | File Format | File path |
|-------------------------------|----------|-----------------------|--|----------|----|-------------|--------------|
| Industry | 1:50,000 | Industrial Department | | District | CC | . Shp | F/NRDMS/DATA |
| Developmental activity | | | | | | | |
| 4.Agro Economy | | | | | | | |
| Land Utilisation | | | | | | | |
| Private Land | | | | | | | |
| Common property | 1:50,000 | KSRAC | | District | CC | . Shp | F/NRDMS/DATA |
| Land Ownership pattern | | | | | | | |
| General scenario | | | | | | | |
| Farmer's holdings | | | | | | | |
| Principal crops | | | | | | | |
| Irrigation | | | | | | | |
| <i>Minor irrigation</i> | | | | | | | |
| Canals | | DLR & SS | | | | | |
| Tube wells | | DLR & SS | | | | | |

| | | | | | | | |
|-------------------------|----------|----------------------|--|----------|----|-------|--------------|
| Dug wells | | DLR & SS | | | | | |
| Tanks | 1:50,000 | DLR & SS (KRSRAC) | | District | CC | . Shp | F/NRDMS/DATA |
| Lift irrigation | | DLR & SS | | | | | |
| <i>Major irrigation</i> | | | | | | | |
| Reservoirs | | DLR & SS | | | | | |
| Anicuts | | DLR & SS | | | | | |
| Agricultural implements | | | | | | | |
| Animal husbandry | | AHVS | | | | | |
| Pisciculture | | | | | | | |
| Plantation | | | | | | | |

| Sector / Subsector | Scale | Source | Survey / Publn. Year | Area covered | Status Code | File Format | File path |
|---|----------|---------------------------|-------------------------|-----------------|----------------|----------------|--------------|
| 5. Infrastructure | | | | | | | |
| Communications | | | | | | | |
| Post offices | | DLR & SS | | | | | |
| Telecommunication | | DLR & SS | | | | | |
| Drinking water | | DLR & SS | | | | | |
| Educational facilities | | DDPI | | | | | |
| Electricity | | Land Records | | | | | |
| Financial institutions | | DLR & SS | | | | | |
| Markets | | DLR & SS | | | | | |
| Health | | DHO | | | | | |
| NGO's | | DLR & SS | | | | | |
| Tourism | | KSTDC | | | | | |
| Transport | 1:50,000 | PWD/PRE D | | District | CC | . Shp | F/NRDMS/DATA |
| 6. Miscellaneous | | | | | | | |
| District map with taluks | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/DATA |
| District & taluk boundaries | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/DATA |
| District map with hoblies | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/DATA |
| Village boundary with settlement | 1:50,000 | SOI | | District | CC | . Shp | F/NRDMS/DATA |
| Police station details | 1:50,000 | Home Deptment | | District | CC | . Shp | F/NRDMS/DATA |
| Details on Assembly constituencies | 1:50,000 | Revenue Departmen t | | District | CC | . Shp | F/NRDMS/DATA |
| Gram Panchayhs & Zilla Panchayaths, its jurisdiction for all taluks | 1:50,000 | Revenue Departmen t | | District | CC | . Shp | F/NRDMS/DATA |

Non-Spatial Database

| Sector / Subsector | Source | Survey / Publn. Year | Area covered | Status Code | File Format | File path |
|-----------------------------|------------|-------------------------|-----------------|-------------|----------------|-----------|
| 1. Natural Resources | | | | | | |
| Land | | | | | | |
| 1. Topography | | | | | | |
| Contour | | | | NR | | |
| Slope | | | | NR | | |
| 2. Geology – A | | | | | | |
| Rock Features | MGD | | | CC | | |
| Structural features | | | | NR | | |
| 3. Geology – B | | | | | | |
| Rock features | | | | NR | | |
| Structural features | | | | NR | | |
| 4. Mineral Resources | MGD | | | NR | | |
| 5. Geomorphology | | | | NR | | |
| 6. Land use | | | | NR | | |
| 7. Waste Lands | | | | NR | | |
| 8. Soils | NBSS & LUP | | | NR | | |
| 9. Forest & Wildlife | | | | | | |
| Forest type | | | | NR | | |
| Crown Density | | | | NR | | |
| Forest Category | | | | NR | | |
| Forest admn. | | | | NR | | |
| Wild Life | | | | NR | | |
| Water | | | | | | |
| Ground water | | | | | | |
| Hydro Geology | MGD | | | NR | | |
| Hydro chemistry | CGWB | | | NR | | |
| Ground water budget | MGD | | | NR | | |
| Surface water | | | | | | |
| Drainage | | | | | | |
| Surface water bodies | | | | NR | | |
| Climate | IMD | | | NR | | |

| 2. Demography | | | | | File Format | File path |
|------------------------|----------|--|----------|----|----------------|---------------------|
| Population | | | | | | |
| Tehsil boundary | DLR & SS | | District | CC | xls | F/NRDMS/D ETAILS |
| District boundary | | | District | CC | xls | F/NRDMS/D ETAILS |
| Current popln. distbn. | DES | | | | | |

| Literacy | | | | | File Format | File path |
|---------------------------------|-----|--|----------|----|--------------------|---------------------|
| Levels of education | | | | | NA | |
| Occupation | | | | | | |
| Village boundary | DES | | District | CC | xls | F/NRDMS/D ETAILS |
| Employment | | | | | | |
| District scenatio | EO | | | NA | | |
| Employment exchange | EO | | | NA | | |
| Assets & Expenditure | | | | | | |
| Migration | | | | | | |
| Destitutes | | | | | | |

| 3. Socio Economy | | | | | File Format | File path |
|-------------------------------|-----|--|----------|----|--------------------|---------------------|
| Industry | DIC | | District | CC | xls | F/NRDMS/DE TAILS |
| Developmental activity | DIC | | | | | |

| 4. Agro Economy | | | | | File Format | File path |
|--------------------------------|-----------|--|---------|----|--------------------|------------------|
| Land Utilisation | | | | | | |
| Private Land | DSO | | VILLAGE | | | |
| Common property | DSO | | | | | |
| Land Ownership pattern | | | | | | |
| General scenario | DSO | | | NA | | |
| Farmer's holdings | Rev. Dept | | | NA | | |
| Principal crops | JDA | | Taluk | | | |
| Irrigation | | | | | | |
| <i>Minor irrigation</i> | | | | | | |
| Canals | CADA | | | NA | | |
| Tube wells | DSO | | | NA | | |
| Dug wells | DSO | | | NA | | |
| Tanks | MIC/ ZPE | | | NA | | |
| Lift irrigation | MID | | | | | |
| <i>Major irrigation</i> | | | | | | |
| Reservoirs | CE (N) | | | NA | | |
| Anicuts | CE (N) | | | NA | | |
| Agricultural implements | Ag Census | | | | | |
| Animal husbandry | AH&VS | | | NA | | |
| Pisciculture | Fisheries | | | NA | | |
| Plantation | | | | NA | | |

| | | | | | | |
|--------------|----|--|--|----|--|--|
| Horticulture | HD | | | NA | | |
| Sericulture | SD | | | NA | | |

| Sector / Subsector | Source | Survey / Publ. Year | Area covered | Status Code | File Format | File path |
|-------------------------------|-----------|---------------------|--------------|-------------|-------------|------------------|
| 5. Infrastructure | | | | | | |
| Communications | | | | | | |
| Post offices | SSPO/ DES | | Village | | | |
| Telecommunication | TDM / DES | | | | | |
| Drinking water | ZPE | | | NA | | |
| Educational facilities | DDPI | | | NA | | |
| Electricity | Census | | | NA | | |
| Financial institutions | LEAD bank | | | | | |
| Markets | FACS | | | | | |
| Health | DHO | | District | CC | xls | F/NRDMS/DE TAILS |
| NGO's | DRS | | | | | |
| Tourism | KSTDC | | | | | |
| Transport | | | | | | |
| Roads | PWD | | District | CC | xls | F/NRDMS/DE TAILS |
| Rail network | ZPED | | District | CC | xls | F/NRDMS/DE TAILS |
| Air transport/HELIPAD | PWD | | | | | |
| Vehicle census | RTO | | | | | |
| Inland & coastal waterways | | | | | | |
| Veterinary services | | | | | | |
| Veterinary facilities | AHVS | | District | CC | xls | F/NRDMS/DE TAILS |
| Other veterinary serv. | AHVS | | District | CC | xls | F/NRDMS/DE TAILS |
| Incidence of diseases | AHVS | | | | | |
| Anganwadi | D W&C | | | | | |

| Sector / Subsector | Source | Survey / Publ. Year | Area covered | Status Code | File Format | File path |
|-------------------------|-----------|---------------------|--------------|-------------|-------------|------------------|
| 6. Miscellaneous | | | | | | |
| Administration | DC office | | District | CC | xls | F/NRDMS/DE TAILS |
| Dt. & Subdivsns. | DC office | | District | CC | xls | |

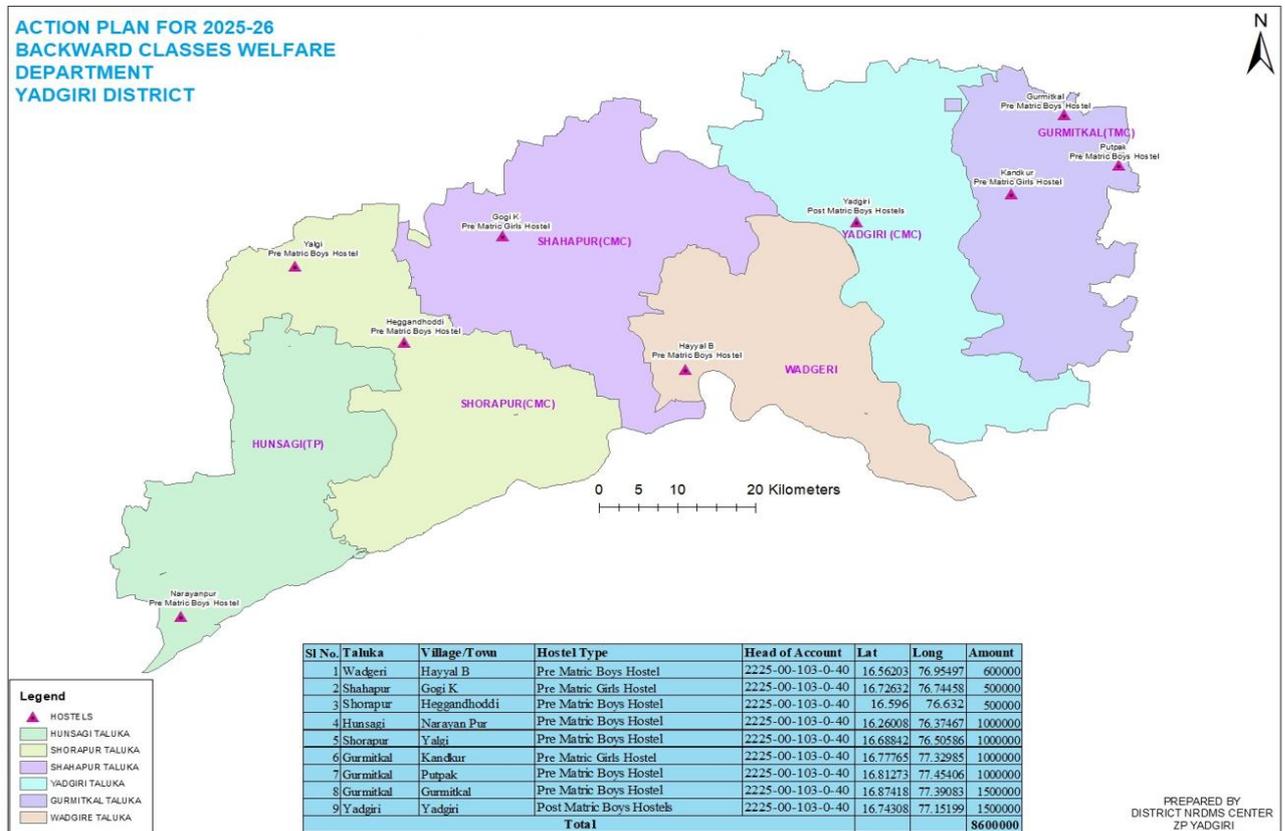
| | | | | | | |
|-----------------------|-----------|--|----------|----|-----|---------------------|
| Dt., with tehsils | DC office | | District | CC | xls | F/NRDMS/DE TAILS |
| Dt., with panchayat | DC office | | District | CC | xls | F/NRDMS/DE TAILS |
| Tq., with census vil. | DC office | | District | CC | xls | F/NRDMS/DE TAILS |
| Prices & wages | | | | | | |
| Environment | | | | | | |

4. Major Activities Carried Out during the period of August–November 2025:

Map-1

Activity -1

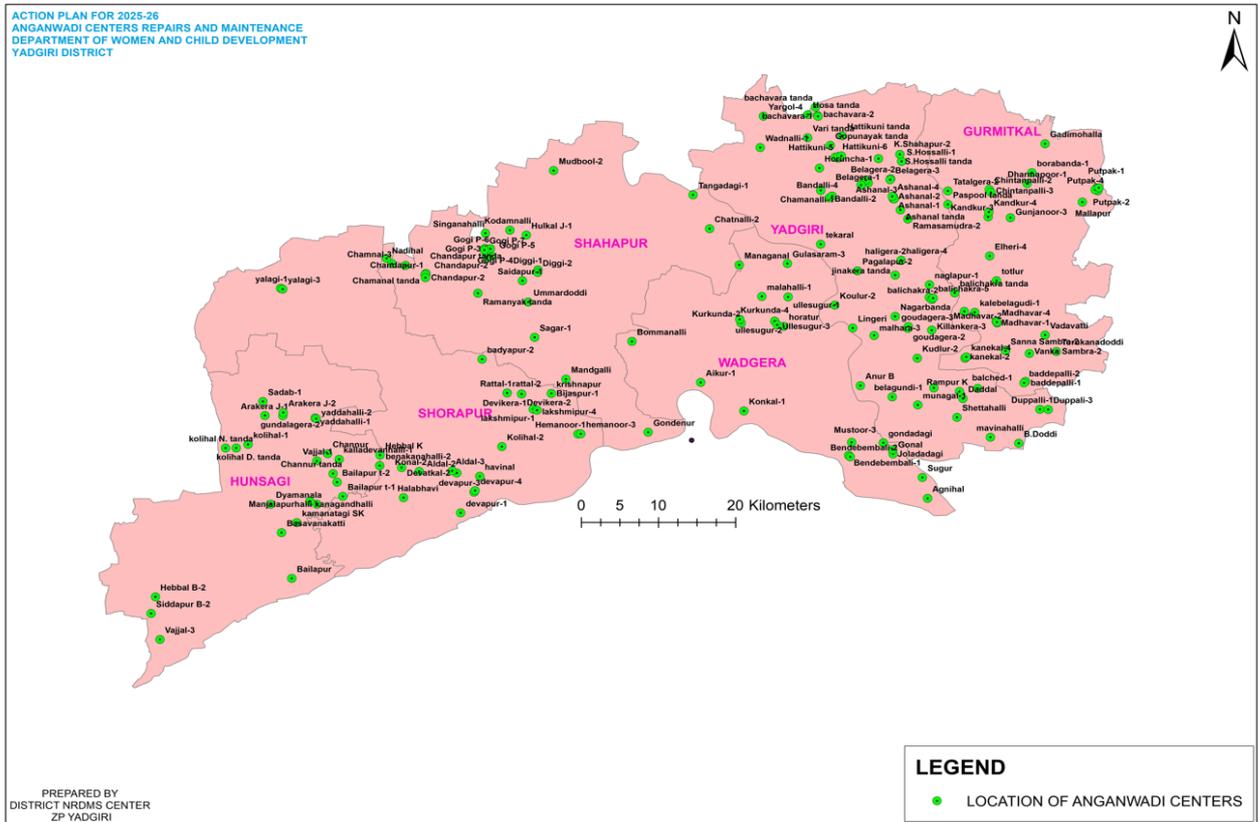
| | |
|------------------------------|--|
| Title of work | Action Plan Map for Backward Classes Welfare Department |
| Department Name | Backward Classes Welfare Department |
| Objectives | Providing the Location for Repair of Hostels in Next Year Plan |
| Data Used | Taluka wise and Hobile Wise data |
| Type of Data Provided | Provided Pdf Map |



Map-2

Activity -2

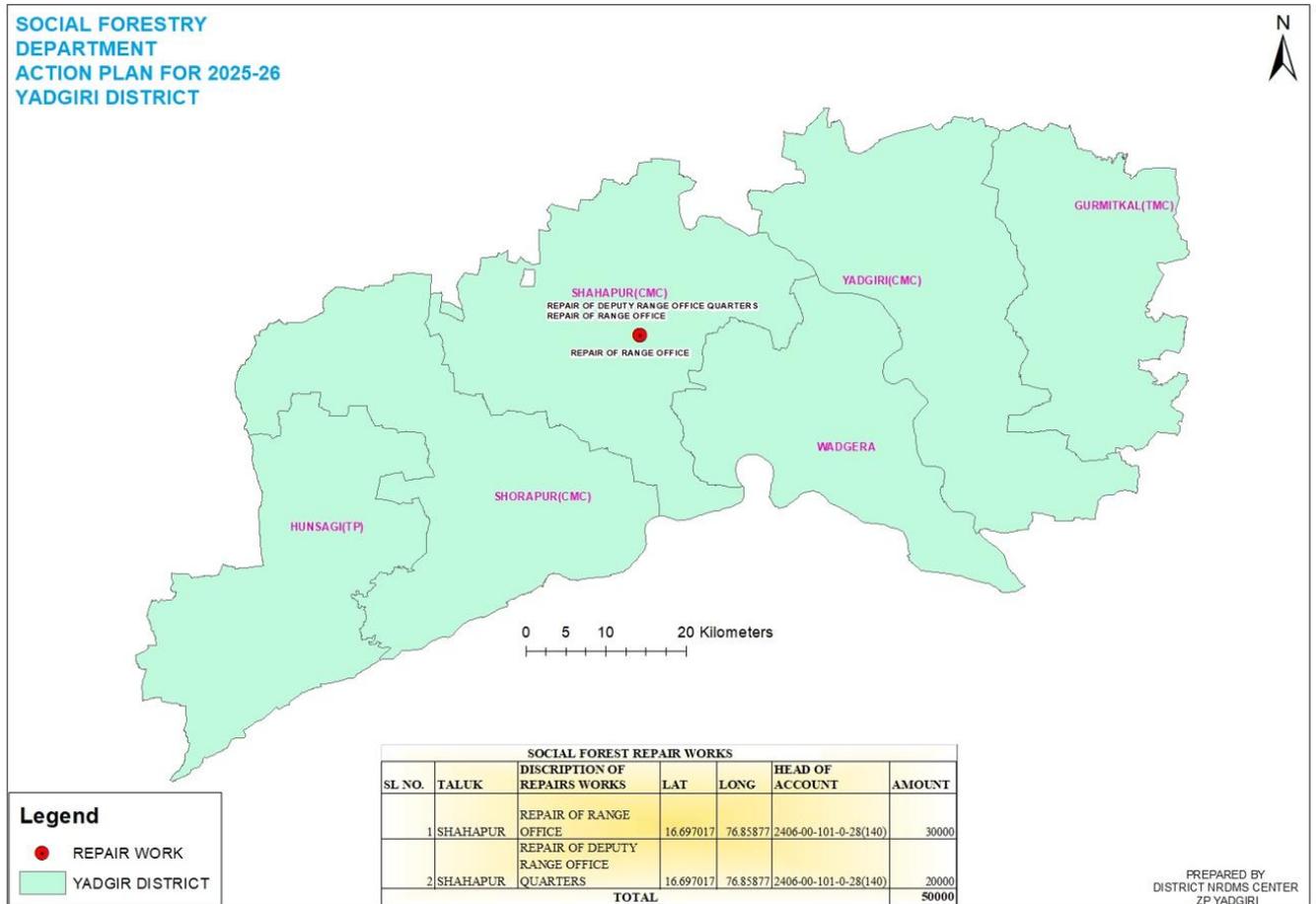
| | |
|------------------------------|--|
| Title of work | Preparation of Anganwadi Center Maps |
| Department Name | Women and Child Debarment |
| Objectives | To identify the Gap of Anganwadi center in Each Taluka |
| Data Used | Taluka District and Location Boundary |
| Type of Data Provided | Provided Pdf Maps |



Map-3

Activity -3

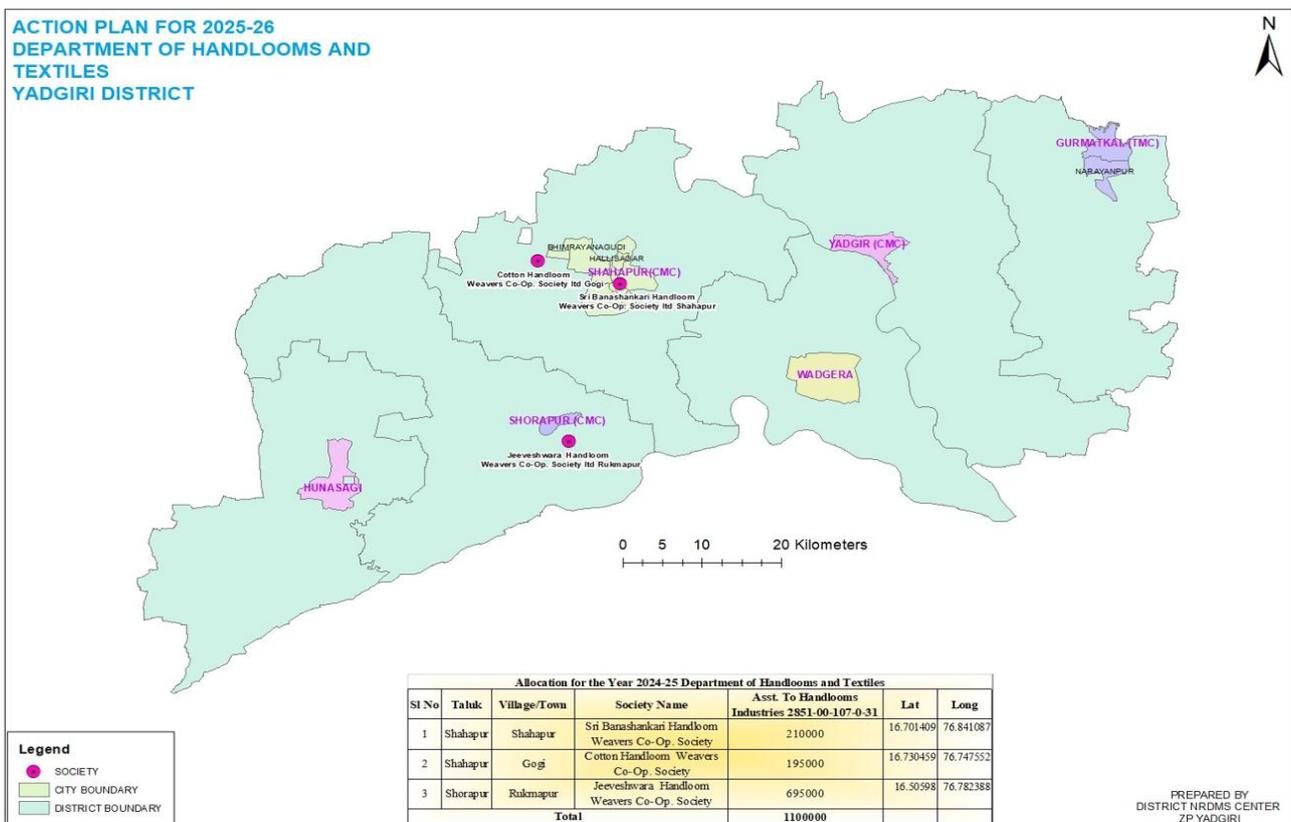
| | |
|------------------------------|--|
| Title of work | Action Plan Map for Social Welfare Department |
| Department Name | District Social Welfare Department |
| Objectives | To identify the Repair of Range Forest in next year plan |
| Data Used | Taluk Boundary, District Boundary and Location |
| Type of Data Provided | Provided Pdf Maps |



Map-4

Activity -4

| | |
|------------------------------|---|
| Title of work | Action Plan Map for Handlooms and Textile |
| Department Name | Handlooms and Textile |
| Objectives | Identifying the Location of Weavers co-operative Societies and Fund Proposed to Give them Next financial Year |
| Data Used | Taluka, District Boundary and Location of Societies |
| Type of Data Provided | Provided Pdf Maps |



Varius Maps Provided to Departments

| SL No. | Details of Maps | Map Provided to Department |
|---------------|-----------------------------------|-----------------------------------|
| 1 | Map Showing RO Plant Locations | RDWSS Department |
| 2 | Route Maps to KSRTC Department | KSRTC Department |
| 3 | Proposal of New Patana Panchayath | DC Yadgiri |

5. Training Programmes Attended:

1. Attended 1 day training program conducted by MGNREGA in Kalburgi.

6. Conclusion:

A) Summary of Activities Under Take.

During this period district NRDMS Center, ZP Yadgiri provided various Maps, data and report to Zilla Panchayat Office, Police Department and other line department, pertaining to implementation of various activities.

B) Commitment to Improve NRDMS Activities.

District NRDMS Centre ZP Yadgiri 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 our self to latest GEO SPATIAL technology and other software to improve our efficiency.