Best Practices in Land Records Management
Govt. of Andhra Pradesh

By

Mr. Ranjit Basha
Project Director (CMRO)
As part of Good Governance, the Government has given outmost importance for simplification of procedures and transparency in Administration, and keeping in view the same, the Revenue Department, has initiated various set of reforms by way of :-

1. Digitization of Land records
2. Purification
3. Computerization of various services of Revenue Department.
5. Innovations
Digitization

- Data entry of Adangal data was taken up during 1995-96
- 4 cr Survey numbers details entered

**Standalone System**

- Tahsildars used to update data in stand alone systems.
- Mutation process initiated

**F.M.Bs and Village Maps**

Scanning of RSR, F.M.Bs and Village Maps taken up
Necessity to upgrade the existing System

- No proper management
- No Provision for G2C services
- Obsolete data (un-Updated)
- No sharing of data
- In accessible to others
- Mutation process is limited
- A web based application named **Webland** was developed for efficient management of land records.
OBJECTIVES

To facilitate the sharing of the web land data with other departments when required

To improve the delivery of Land related Govt. to citizen services (G2C)

Utilizing the data for formulating developmental programmes

Maintenance & Updating of Land Records

Issue of updated ROR 1B, Adangal, Passbooks

Making Records tamper proof

Allowing farmers to access their records

The major objectives of Webland Project
Web Land

- GLIMS
- Administration
- Aadhar Seeding
- Mutations
- Rectification Module
- e-Passbook
WebLand-Features

- Entry/ updation of Village Names, Pattadars, Resettlement, Land Holdings (1-15 columns) & Occupant details.
- Processing of Mutation requests received from the Meeseva, Meebhoomi, MIMB
- Generation of e-Passbooks
- Provision to enter charges (Loans) created on Lands
- Grievance handling Mechanism
Necessity for Rectification

Restricted access

Data inaccuracy

Obsolete data

Ground truth
Strategy

Purification of Land Records
Rectification Module has been developed to rectify the mistakes in Webland in August 2014.

- Corrections in Pattadar Name, Survey numbers, etc.
- Survey number standardization.
- RSR data entry, to verify extent variation
- Land Nature Standardisation.
- Standard codes for land Nature and classification.
- Unique code for Govt Lands.
- Unique code for Crops.
HOW to overcome the challenges  ????

Over 65 Lakh records were corrected with rectification module but still.....

Information to All- Public Access
Finally

Launch of **Mee- Bhoomi**
on 12.06.2015
Mee Bhoomi

- Launched on 12.06.2015 by Hon’ble CM, Andhra Pradesh
- Developed for Public Access of Citizen’s land details in Local language
- Dynamic Integration with Web Land
- 1.38 Cr Land records Viewed since June 2015
- 45.5 lakh Visitors since June 2015
- Compatible for all platforms (Mobile, Tablet, I-pod, PCs)
- Browser Independent
Mee Bhoomi-Components

- Village Adangal
- Individual Adangal
- Individual-1B
- Online Grievances
- Village Map
- FMB

Mee Bhoomi- Components
Key Challenges

- Missing Survey Numbers
- Incorrect Data
- Pending Mutations
- Missing Khatas
- Extent Variation
- Un-Updated Data
Coordination

Conducting Grama Sabhas

To face the challenges…..

MEE INTIKI - MEE BHOOMI
(Your Land Details at your door step)
- To conduct Grama sabhas from 10\textsuperscript{th} August to 31\textsuperscript{st} August in every Revenue village.
- To handover ROR-IB extract (along with photograph and Aadhar Number) to the concerned farmer calling for confirmation or objections if any.
- Verification of Aadhar numbers seeded.
- Collecting applications for corrections in Revenue Records.
- Reconciliation of Forest, Wakf and Endowment lands.
- Identification of lands for Land Bank.
- Collecting Phone no., Bank A/c no and Aadhar No. of Pattadar.
• Distribution of ROR1B to all Farmers
• Collection of Aadhar Numbers / Mobile Numbers/Bank A/c
• Collection of Missing Entries in Adangal
• Collection of New entries (Synos)

Coordinati
on

• District level convergence to obtain views.
• Similarly meetings at divisional level
• Composition of Teams at Mandal level with concerned depts.,

Open to all

Trainings

• Training to all Dept., officers at divisional level/District Level

Publicity

Schedule of Grama Sabhas provided to all public representatives. District Officers, Bankers, NGOs etc.
• Posters, flexi boards
• Info on date & Place to the villagers
Key processes

Towards Purification Land Records and making of single source of truth...

- Open Data to public
- Identification of errors
- Conformation of existing records and Grievance redressel
- Conducting GramSabhas to receive Grievances
- Continuous Updation
- Updation of approved Grievance details in Webland
Towards Navyandhra Pradesh

- An online grievance report monitoring system with complete workflow is developed by NIC and integrated with CM Dashboard to monitor the progress of petitions received from the Public.

As on 15.12.2015 the status is as follows

<table>
<thead>
<tr>
<th></th>
<th>MIMB(I)</th>
<th>MIMB(II)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grama sabhas</td>
<td>17,179</td>
<td>16,910</td>
</tr>
<tr>
<td>Petitions Received</td>
<td>10,78,161</td>
<td>2,91,646</td>
</tr>
<tr>
<td>Accepted</td>
<td>9,39,689 (88%)</td>
<td>1,91,429 (66%)</td>
</tr>
<tr>
<td>For Survey Pending</td>
<td>11,917 (1%)</td>
<td>4,546 (2%)</td>
</tr>
<tr>
<td>For Mutation Pending</td>
<td>23,690 (2%)</td>
<td>12,700 (4%)</td>
</tr>
<tr>
<td>Rejected</td>
<td>1,02,865 (9%)</td>
<td>82,971 (28%)</td>
</tr>
</tbody>
</table>

Gramasabhas are pending in Nellore (149) and Chittoor (46)
### Achievements

**As on November, 2015**

<table>
<thead>
<tr>
<th></th>
<th>MIMB -I</th>
<th>MIMB-II</th>
<th>Total</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distribution of 1B</td>
<td>6345774 (85%)</td>
<td>628350 (8%)</td>
<td>6974124 (93%)</td>
<td>523528 (7%)</td>
</tr>
<tr>
<td>(Total – 7497652)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distribution of Updated 1B of MIMB – I</td>
<td>-</td>
<td>653058 (72%)</td>
<td>653058 (72%)</td>
<td>248263 (28%)</td>
</tr>
<tr>
<td>(Total – 901321)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land records Talled and Acknowledged against total pattadars (Total – 7497652)</td>
<td>5440011 (73%)</td>
<td>941535 (12%)</td>
<td>6381546 (85%)</td>
<td>1116106 (15%)</td>
</tr>
</tbody>
</table>

- New Pattadars incorporated - 1,31,316
- New Subdivision Numbers incorporated - 7,27,763
SUCCESS

Stories
Objective:
To seed the Aadhaar number of each Pattadar in the state in Webland software.

Benefits:
- Generation of land ceiling cases.
- ROR IB Registers with the photographs of farmers.
- Identification of genuine Pattadars while issuing Loans, Registrations, benefits of Govt. Schemes.
- Generation of acquaintances for crop subsidy, crop insurance, seeds and other commodity subsidies.
- Capturing phone numbers, Bank accounts so that we can provide the benefits directly to the farmers.
- Validated with SRDH data.
Provision in webland for seeding by validating with SRDH database

Door to door campaign has been taken up for Aadhaar not tallied and un-Identified cases

Aadhar cannot be seeded Cases are identified.

Status as on 15.12.2015:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>75.65 Lakh</td>
</tr>
<tr>
<td>Seeded</td>
<td>67.47 Lakh</td>
</tr>
<tr>
<td>Balance</td>
<td>9.03 Lakh</td>
</tr>
</tbody>
</table>
1. Tahsildar verifies seeding information of land record in webland.

2. Enters Aadhaar number for a particular Sy.No.

3. Aadhaar number is cross checked with S.R.D.H/UIDAI data.

4. If Matched, will be seeded.
Issuance of e-Pattadhar passbook

- e-Pattadar Passbook module was developed for issuing Pattadar passbooks electronically.
- With 13 security features and with State wide Unique ID through MeeSeva.
- Citizen can apply where, any time.
- Implementation of Citizen Charter.
- Delivery through courier/Post.
- Tracking of the status for delivery.
- SMS alerts to citizen on status of delivery.
- Continues Monitoring.
- Total No. of PPBs Issued 4.98 Lakh
e-PPB Security Features

Page Design

- Patta Number
- Colour Photo Printing
- Three Layer Holographic
- Signature
- Guilloche Design
- AP Govt. Logo
- Two Colour Guilloche Back Ground
- Micro Lettering
- Security Currency Thread
- Variable Data
- Void Feature
- Micro Text

1. Patta No. 13256
2. Name of the Owner
3. Address
4. Date
5. Name
6. Date
7. Remarks

Temporary:

- 1: 2013
- 2: 2014
- 3: 2015
- 4: 2016
- 5: 2017
- 6: 2018
- 7: 2019

Temporary:

- 1: 2010
- 2: 2011
- 3: 2012
- 4: 2013
- 5: 2014
- 6: 2015
- 7: 2016

Temporary:

- 1: 2009
- 2: 2010
- 3: 2011
- 4: 2012
- 5: 2013
- 6: 2014
- 7: 2015
1. Applicant applies through Mee-Seva.
2. Applications gets forwarded to webland.
3. Tahsildar verifies in Webland.
5. Request is forwarded to Printer for Printing.
6. Printing of the e-Pattadar Passbook with security features
7. Delivery to the Applicant address
8. SMS alerts at each stage
## e-PPB Statistics (As on 14.12.2015)

### Type of Applications

<table>
<thead>
<tr>
<th>Type</th>
<th>Total No. of Applications</th>
<th>Total Disposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mutation+ eppb</td>
<td>8,58,643</td>
<td>6,38,656</td>
</tr>
<tr>
<td>e-Passbook new</td>
<td>7,328</td>
<td>7,248</td>
</tr>
<tr>
<td>e-Passbook Duplicate</td>
<td>6,012</td>
<td>4,271</td>
</tr>
<tr>
<td>E-Passbook Replacement</td>
<td>2,08,134</td>
<td>1,59,902</td>
</tr>
<tr>
<td><strong>Grand Total:</strong></td>
<td><strong>10,80,117</strong></td>
<td><strong>8,10,077</strong></td>
</tr>
</tbody>
</table>

### Diagram

- **Mutation+ eppb**: 8,58,643
- **e-Passbook new**: 7,328
- **e-Passbook Duplicate**: 6,012
- **E-Passbook Replacement**: 2,08,134

**Total**: 10,80,117
- All SRO offices are integrated & Mutation process automated
- Generation of Acquaintances for delivering crop Subsidy, Crop Insurance, Seed Distribution
- Identification of genuine farmers
- To share Crop loan and Crop pattern Statistics

Integration with Other Departments

- User Credentials created to 39 major banks to view farmer details before issuing loans and to identify genuine pattadar
- Charge Creation module to enter loan details after sanctioning loans

10 G2C Services

MeeSeva

WEB LAND

BANKS, PACS

Survey Dept.,

Housing, Wakf Board, Forest Dept

REG.Dept., (CARD)

Agriculture Dept., Rural Dev. Office

FMBs and Village Maps

Identification and Reconciliation of respective Dept., Lands
• Provided access to Banks to view Adangal, ROR IB to identify the farmer.

• Verification of crop particulars.

• Interface for Loan Charge Creation/Release.

• Integration with Debt relief details.

• State and District level Bankers committee meetings and trainings.

• As on Dt. 14.12.2015, 16.23 lakh loan charges have been created on 53.3 lakh Sy no’s by banks.
1) Farmer approaches bank for loan.
2) Banker verifies the details of farmer through Loan charge module.
3) If Farmer is genuine Loan will be approved.
4) Loan sanctioned will be entered in Loan charge module. (Other Banker can view instantly)
5) Details get updated in Webland.
6) Proposed to send S.M.S alert will be sent to Pattadar regarding the loan availed.
Integration of Revenue-Registration

- integration of Webland and CARD applications.

- Mutations through manual process is stopped.

- Verification of land details before initiating of registration by the registration department.

- Automatic transfer of registered document to webland for mutation.
1. Applicant approaches SRO office for Registration with essential documents.

2. S.R.O verifies the Pattadar details in Webland through CARD Software.

3. Request forwarded to Tasildar.

4. Tahsildar issues Form-8 and process Mutation.

5. e-Passbook will be approved by the tahsildar, if applicant applies for it in Mee-Seva.
Integration with Marketing department (cotton procurement)

- To curtail Mediators in cotton marketing.
- Identifying genuine occupants and crop yield through e-Panta.
- Direct benefit to farmers through banks.
- Inventory of Government lands.
- Interface to upload the inspection details (Images, Video, Inspection reports, etc).
- Android application to capture GPS Co-ordinates of Government lands to identify the location of Government land on Google satellite images
- Capturing photographs to know the ground status on particular date of inspection
- Alienation details, Enjoyer details, Action under POT Act and Court case dealing.

Present status:
- Total No. of Sy No’s entered: 31,07,634.
Sarkarbhumi Software internal Modules

**Govt., Land Inventory Data Entry & Digital Signing Module**
- To capture GPS coordinates of Government lands
- To capture photographs of Government lands

**Assignment Land Module**
- To enter assigned land inspection details, POT Cases, Condition Violation Cases, Court Cases etc.

**Alienation Land Module**
- To enter alienated land inspection details, Court Cases etc.

**Vacant Land Module**
- To enter Vacant land inspection details, Court Cases etc.

**Encroached Land Module**
- To manage the court cases on encroached land

**Android Application**
- To capture GPS Coordinates of Government lands
- To capture photographs of Government lands

**Village maps & Village records**
- Option provided to Tahsildars to view scanned Village Maps & Village Records

**D Form Patta Generation**
- Option provided to Tahsildars to generate the D Form patta on a plain paper or on a pre printed stationary

**MIS Reports**
- District, Mandal & village wise Govt., land reports based on classification, assigned lands reports, Wakf lands reports etc
Mapping of Govt Lands through Sarkarbhumi Android APP
E-Crop Booking (e-Panta)
To Overcome the following challenges GoAP has decided in the era of e-Governance....
An Android base Mobile Application has been launched on 17.08.2015 to capture the Crop details and named as ePanta (eCrop)
Objective:

- An Android application to capture Crop data (16-31 columns of Adangal).
- Piloted in 4 Mandals of Kuppam Constituency in last Kharif season
- As per instructions of Hon’ble Chief Minister, to expand it to rollout it in entire state.
- Training have been completed for all the Revenue officers.
Challenges

- Over 15,000 department officials have been trained
- Provision for Off line entry
- Provision for GPS Capturing
- Auto transfer of Crop details to Webland.
- Evidence in case of Crop damage, Crop insurance.
- Crop wise detailed and abstract reports.
- Irrigation source wise detailed and abstract reports.
- Ground truth and Accurate Reports.
- GPS Location of each Land parcel.
- To Analyze Crop pattern.
- Land use and Land Cover.
- Procurement can also be linked up with Civil supplies department.
- Marketing department can also be integrated to market the procured commodities.

Status as on 15.12.2015

<table>
<thead>
<tr>
<th>Total records</th>
<th>2.98 Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uploaded to server</td>
<td>1.98 Cr</td>
</tr>
<tr>
<td>Balance</td>
<td>1.0 Cr</td>
</tr>
</tbody>
</table>
Data Capturing with GPS coordinates....

Paddy

Fish Tank

Banana

Coconut
Images of Pattadars While Data Capturing ....
Benefit in Crop damage

- Accurate information on crop damage.
- Estimation regarding Crop damage will be easier.
- Benefit to the genuine farmers.
- Insurance coverage.
ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.

సాఫల్యం సాధించాలని ముఖ్య పర్షన్ ప్రస్తుతి ప్రస్తుతి నుండి ఏమిటి ప్రత్యేకించారు. ప్రతి పర్షన్ ప్రస్తుతి ప్రస్తుతిలో ప్రత్యేకించారు. 

ప్రత్యేకించిన పద్ధతిలో,

1. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.
2. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.
3. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.
4. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.
5. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.
6. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.

మొదటి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. 

ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.

ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. 

ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. 

ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. 

ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది. ఎన్నికుల తొలి దశలు స్థలంలో ఆన్ని ప్రతీ సామర్థ్యం కలిగి ఉంది.
INTEGRATION OF LAND RECORDS WITH SPATIAL DATA

• Digitized village maps of Kuppam constituency superimposed on satellite imagery.
• Print outs in A3 size sent to the field for marking sub divisions as per enjoyment.
• Surveyors and village officers collected field data.
• Integrated with Webland Records.
• Integration of Spatial Data with Textual data completed for 4 mandals of Kuppam Constituency.
• Further evaluation and expansion is under progress.
Integration of Land Records With Spatial Data

**Patadhar Information**
- **Pattadhar Name/Father/Husband Name**: [Details]
- **Patadhar Adhar Number**: [Details]

**Survey Number** | **Land Classification** | **Total Extent** | **Enjoyment Nature** | **Land Nature** | **Water Resource** | **Occasant Name/Father/Husband Name** | **Occupant Extent**
--- | --- | --- | --- | --- | --- | --- | ---
8/9 | | 0.36 | | | | | 0.3600
8/10 | | 0.36 | | | | | 0.3600
8/11 | | 0.15 | | | | | 0.1500
8/12 | | 0.15 | | | | | 0.1500
9/8 | | 0.16 | | | | | 0.1600

**Location Map**

**State Wise Khatau Details**

**Particular Khatau Wise Land Details**

---

**Integration of Land Records With Spatial Data**
### Irrigation Source Report

<table>
<thead>
<tr>
<th>Village Name</th>
<th>District</th>
<th>Mandal</th>
<th>Source Type</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>v1</td>
<td>d1</td>
<td>m1</td>
<td>v1</td>
<td>0.48</td>
</tr>
<tr>
<td>v2</td>
<td>d2</td>
<td>m2</td>
<td>v2</td>
<td>0.48</td>
</tr>
<tr>
<td>v3</td>
<td>d3</td>
<td>m3</td>
<td>v3</td>
<td>0.48</td>
</tr>
</tbody>
</table>

**Total Extent:** 1396.6701

### Crop Wise Report

<table>
<thead>
<tr>
<th>Village Name</th>
<th>Rice</th>
<th>Wheat</th>
<th>Groundnut</th>
<th>Sorghum</th>
<th>Jowar</th>
<th>Soyabean</th>
<th>Grams</th>
<th>Millet</th>
<th>Maize</th>
<th>Lentil</th>
<th>Other Crop</th>
</tr>
</thead>
<tbody>
<tr>
<td>v1</td>
<td>0.48</td>
<td>0.26</td>
<td>0.00</td>
<td>1.58</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>v2</td>
<td>0.48</td>
<td>0.26</td>
<td>0.00</td>
<td>1.58</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>v3</td>
<td>0.48</td>
<td>0.26</td>
<td>0.00</td>
<td>1.58</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Total Extent:** 1920.563
Challenges

- Publicity of Services
- Strict adherence to Citizen Charter (SLA)
- Re-forms in Existing process
- Capacities of Stakeholders (Trainings through MANA TV, RDO Offices)
Establishing one stop e-Gov shop

Started  Nov 2011

All CSCs centers are standardized in terms of Space, Colour, Look & Feel

DeGS (District e-Governance Societies)

Electronic Service Delivery Rules, 2011

Categorization of Services (Cat A & B)

Single window platform for all Department G2C services / IT readiness

Secured Stationary

Digital Keys to all Dept. Functionaries (About 7000 Digital Keys Issued)

Seamless Transfer of Funds to Depts. Using EFTS (Electronic Fund Transfer System)
Total Transactions – 6,31,32,791 (14th December’15)

Revenue Dept - 4,53,60,310 (72% in total transactions)

Category B
- Approved: 2,82,56,750
- Rejected: 16,94,977
- PWSLA: 3,27,665
- PBSLA: 2,45,055

Category B
- Approved: 2,59,83,100 (92%)
- Rejected: 16,94,977 (6%)
- PWSLA: 3,27,665 (1.20%)
- PBSLA: 2,45,055 (0.8%)

The above statistics is not the end... It is continuously evolving...

& today we have...
Services Live

Mee Seva Centers

Transactions

45.3 Million

64 Mee Seva Centers

Category Wise Share

Total Transactions –4,53,60,310 (72% in total transactions)

Category A
- Approved: 1,71,03,560 (37.6%)

Category B
- Approved: 2,59,83,100 (92%)
- Rejected: 16,94,977 (6%)
- PWSLA: 3,27,665 (1.20%)
- PBSLA: 2,45,055 (0.8%)

Revenue Department
Online Meeseva- Services

- Single window Land Conversion
- Computerized Adangal
- RoR-1B
- Village Map copy
- Income Certificate
- F-Line Petitions/ subdivisions
- Integrated Certificate
- Agriculture Income Certificate
- No Earning Member certificate
- EBC Certificate
- Family Membership certificate
- Appeals on Demarcation
- Possession Certificate
- Certified copies issued by Dy Tahsildar
- Certified copies of Panchanama
- Extract of House site/D-form Patta
Established strong Feedback Mechanism towards perfectionism

- MRTS (Meeseva Request Tracking System)
- PMU team at state level to receive issues/suggestions from the functionaries
- Telephone/Mobile (Help Desk)
- Video conferences
- Telegram Application (two groups for solving technical issues)
- Conducting Gramsabhas
Project Monitoring Unit

- Receives Technical Issues through Mail, Phone and Other social Media.
- Assists Technical Officials (HHp’s) through Telegram.
- Coordinates with Development Team for Solutions.
- Provides Solutions for Problems received within the Timeframe.
Future Aspects...

**Improved Security**
- Implementation of Biometric authentication.

**GIS Integration**
- Single click on to view data
- Identification of different hubs (Road, Irrigation, Industries)

**Single source of Truth**
- Single source of truth for Land Records
- To eliminate fake pattadhars
- Trainings through MANA TV
- Live Class room training
- TOT programs
- Video Conference
- Supply of user Manuals
- Distribution of Posters
Way Ahead
To know entire information about each land parcel in the state a concept of **LAND HUB** is proposed.

**Objectives:**
- Accurate details for each land parcel.
- Detailed and abstract reports.
- Detailed registration history.
- Information on the total Loans availed.
- State wide land details of a farmer.
- Information on Grievances received.
- Disputes on a land if any.
Land Parcel on Google Map
## Sub Division Details for a Base Survey number

<table>
<thead>
<tr>
<th>#</th>
<th>Sub Division</th>
<th>Survey No</th>
<th>Area (Acres)</th>
<th>Group Name</th>
<th>Sub Division Number</th>
<th>Registered Survey No</th>
<th>Survey Number</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1A</td>
<td>3-1A</td>
<td>100773</td>
<td>0.44</td>
<td>గుండుమోగల్ వుంకటస్వా మి</td>
<td>767263648075</td>
<td>O5D29J004000008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1B</td>
<td>3-1B</td>
<td>100703</td>
<td>0.3</td>
<td>గుండుమోగల్ సుర్యా ర్యవు</td>
<td>267380686221</td>
<td>O5B29X004000011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1C</td>
<td>3-1C</td>
<td>2824</td>
<td>0.3</td>
<td>నాగేశ్స్రా రర్య/వు</td>
<td>824545512924</td>
<td>I0313G023000001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1D</td>
<td>3-1D</td>
<td>100541</td>
<td>0.3</td>
<td>దుంగేటి</td>
<td>229516997923</td>
<td>O7P10N014000034</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Basic Value=1,50,000

Entire details about a Land
## Survey Number wise Land details

<table>
<thead>
<tr>
<th>Survey Number</th>
<th>Survey Number (English)</th>
<th>Land Details</th>
<th>Name of the Land</th>
<th>Area (Acres)</th>
<th>Registration Number</th>
<th>Service Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3-1A</td>
<td>100773</td>
<td>గుండుమోగల్ వుంకటస్వా మి</td>
<td>0.44</td>
<td>767263648075</td>
<td></td>
</tr>
</tbody>
</table>

---

**Adangal (1-15)**

**Crop details**

**Registration Details**

**Loan Details**

**History**

**Location Map**

**State wide Land Details**

**Services Utilized**

**Grievances**

**Court Cases**
| పాటి పేరు | కేంద్రం | భూమి సంఖ్య | భూమి పరిమాణం | పంజాబి పరిమాణం | జలాధార్మిక కాలువ | పూర్తి విస్తీర్ణం | సన్నిపాడు పేరు | సన్నిపాడు ఫోటో |
|-----------|---------|---------------|----------------|------------------|----------------------|----------------|----------------|----------------|----------------|
| Adangal (1-15) | 3 | 3-1A | 100773 | వివరణ | 0.44 | 200 | వివరణ | పట్టా దారు పాసు | పట్టా దారు ఫోటో |

Adangal (1-15)

<table>
<thead>
<tr>
<th>పాటి పేరు</th>
<th>ముద్రం</th>
<th>జలాధార్మిక కాలువ</th>
<th>పంజాబి పరిమాణం</th>
<th>భూమి పరిమాణం</th>
<th>భూమి సంఖ్య</th>
</tr>
</thead>
<tbody>
<tr>
<td>నిల్వాబా</td>
<td>ఎకర్ము ఒకికుంటికి</td>
<td>0</td>
<td>0.44</td>
<td>100773</td>
<td></td>
</tr>
</tbody>
</table>
### Crop Details

<table>
<thead>
<tr>
<th>Number</th>
<th>Number</th>
<th>Area (Acres)</th>
<th>Area (Hectare)</th>
<th>Purchase Date</th>
<th>Registration Number</th>
<th>Loan Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1A</td>
<td>0.44</td>
<td>0.44</td>
<td>100773</td>
<td>August - December</td>
<td>767263648075</td>
<td>OSD29J004000008</td>
</tr>
</tbody>
</table>

### Adangal (1-15)

<table>
<thead>
<tr>
<th>Gifari</th>
<th>Thilli</th>
<th>Tha</th>
</tr>
</thead>
<tbody>
<tr>
<td>మాంత్రీ</td>
<td>మంత్రి</td>
<td>తియి</td>
</tr>
<tr>
<td>సరాసరి</td>
<td>సరాసరి</td>
<td>సరాసరి</td>
</tr>
<tr>
<td>నాగది పండితుడు</td>
<td>నాగది పండితుడు</td>
<td>నాగది పండితుడు</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight (Ton)</th>
<th>Weight (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>200</td>
</tr>
</tbody>
</table>

### Services Utilized

- Water (తెగుండి మంది) 24
- Fertilizers (ఫెరీట్లు) 25

### Crop Image for Kharif

![Crop Image for Kharif](image1)

### Crop Image for Rabi

![Crop Image for Rabi](image2)
## Encumbrance Certificate

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of property</th>
<th>Reg.Date Exec.Date Pres.Date</th>
<th>Nature &amp; Mkt.Value Cons.Value</th>
<th>Name of Parties Executant(EX) &amp; Claimants(CL)</th>
<th>Vol/Pg No CD No Doc No/Year [ScheduleNo]</th>
</tr>
</thead>
</table>

### Adangal (1-15)
- Crop details
- Registration Details
- Loan Details
- History
- Location Map
- State wide Land Details
- Services Utilized
- Grievances
- Court Cases
## Loans Availed

<table>
<thead>
<tr>
<th>S. No</th>
<th>Loan Account No</th>
<th>Borrower Name</th>
<th>Branch Name</th>
<th>Type of Loan</th>
<th>Sanctioned Date</th>
<th>Loan Amount</th>
<th>Total sanctioned through Debt relief</th>
<th>Amount adjusted Till date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>56717631000008</td>
<td>Venkata Swamy</td>
<td>Bank of India</td>
<td>Crop Hypothecation</td>
<td>10.6.2015</td>
<td>40000</td>
<td>40000</td>
<td>10316.200</td>
</tr>
<tr>
<td>2</td>
<td>7659845630134</td>
<td>Venkata Swamy</td>
<td>Andhra Bank</td>
<td>Land Mortagage</td>
<td>20.9.2015</td>
<td>28000</td>
<td>28000</td>
<td>3096.430</td>
</tr>
</tbody>
</table>

### Details

<table>
<thead>
<tr>
<th>S. No</th>
<th>Loan Account No</th>
<th>Borrower Name</th>
<th>Branch Name</th>
<th>Type of Loan</th>
<th>Sanctioned Date</th>
<th>Loan Amount</th>
<th>Total sanctioned through Debt relief</th>
<th>Amount adjusted Till date</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3-1A</td>
<td>100773</td>
<td>Venkata Swamy</td>
<td>Crop Hypothecation</td>
<td>10.6.2015</td>
<td>40000</td>
<td>40000</td>
<td>10316.200</td>
</tr>
</tbody>
</table>
## Land Holdings History

<table>
<thead>
<tr>
<th>SNo</th>
<th>Date</th>
<th>Image</th>
<th>Name</th>
<th>Image</th>
<th>Identity Proof</th>
<th>Dispute Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>303</td>
<td>13-04-2015</td>
<td><img src="625996830812" alt="Image" /></td>
<td>History</td>
<td>10.33.224.3</td>
<td>tah03ntvr</td>
<td>Mutation</td>
</tr>
<tr>
<td>431</td>
<td>16-04-2015</td>
<td><img src="689085170794" alt="Image" /></td>
<td>History</td>
<td>10.33.224.3</td>
<td>tah03ntvr</td>
<td>Name change</td>
</tr>
<tr>
<td>431</td>
<td>16-04-2015</td>
<td><img src="689085170794" alt="Image" /></td>
<td>Active</td>
<td>10.33.224.3</td>
<td>tah03ntvr</td>
<td>Name change</td>
</tr>
</tbody>
</table>

## Dispute register

<table>
<thead>
<tr>
<th>SNo</th>
<th>Image</th>
<th>Name</th>
<th>Image</th>
<th>Image</th>
<th>Identity Proof</th>
<th>Dispute Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><img src="625996830812" alt="Image" /></td>
<td>history</td>
<td><img src="625996830812" alt="Image" /></td>
<td>625996830812</td>
<td>2</td>
<td>bhudanam land</td>
</tr>
<tr>
<td>2</td>
<td><img src="689085170794" alt="Image" /></td>
<td>history</td>
<td><img src="689085170794" alt="Image" /></td>
<td>689085170794</td>
<td>0.855</td>
<td>FAMILY DISPUTE</td>
</tr>
<tr>
<td>S.No</td>
<td>Signed Date and Time</td>
<td>Signed by</td>
<td>IP Address</td>
<td>Revoked by</td>
<td>Revoked Date and Time</td>
<td>Purpose of Revoking</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------</td>
<td>--------------------</td>
<td>-------------------</td>
<td>---------------------</td>
<td>-----------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>1</td>
<td>29.3.2013 10.36.00 A.M</td>
<td>G .ANKA RAO (Tahsildar)</td>
<td>117.206.230.24</td>
<td>G .ANKA RAO (Tahsildar)</td>
<td>1.5.2013 2.12.12 P.M</td>
<td>Name change</td>
</tr>
<tr>
<td>2</td>
<td>29.7.2013 11.48.09 P.M</td>
<td>G .ANKA RAO (Tahsildar)</td>
<td>117.206.230.24</td>
<td>SUBBA RAO (Tahsildar)</td>
<td>1.08.2014 6.15.10 P.M</td>
<td>Adding pattadar</td>
</tr>
<tr>
<td>3</td>
<td>1.8.2014 1.16.52 P.M</td>
<td>SUBBA RAO (Tahsildar)</td>
<td>117.206.230.24</td>
<td>SUBBA RAO (Tahsildar)</td>
<td>2.11.2014 3.19.17 P.M</td>
<td>Wrong Entry</td>
</tr>
<tr>
<td>3</td>
<td>2.11.2014 8.36.10 P.M</td>
<td>SUBBA RAO (Tahsildar)</td>
<td>117.206.230.24</td>
<td>SUBBA RAO (Tahsildar)</td>
<td>29.8.2014 5.27.49 P.M</td>
<td>Self Mutation</td>
</tr>
</tbody>
</table>
Location on Google Map
### Pattadar State wide Lands

<table>
<thead>
<tr>
<th>District</th>
<th>Mandal</th>
<th>Village</th>
<th>KhataNo</th>
<th>Name</th>
<th>Father Name</th>
<th>SurveyNo</th>
<th>Pattadar Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>పశ్చు మహోదాయం</td>
<td>అత్తిలి</td>
<td>అత్తిలి</td>
<td>100773</td>
<td>గుండుమోగల</td>
<td>వుంకటస్వా మివీరన్న</td>
<td>3-1A</td>
<td>0.44</td>
</tr>
<tr>
<td>పాటారి పట్టాదారులు బాగా విపందుల</td>
<td>పంగాంబాలి</td>
<td>మండలాం పరంతిపండ</td>
<td>254</td>
<td>గుండుమోగల</td>
<td>వుంకటస్వా మివీరన్న</td>
<td>247-c</td>
<td>1.2</td>
</tr>
<tr>
<td>నాశనలు</td>
<td>వంగాంపలు</td>
<td>చిత్తరం</td>
<td>316</td>
<td>గుండుమోగల</td>
<td>వుంకటస్వా మివీరన్న</td>
<td>273</td>
<td>1.18</td>
</tr>
<tr>
<td>మాయిలి పాటారి బాగా సంయుక్తమైనం</td>
<td>తూముచెరలు</td>
<td>చిత్తరం</td>
<td>219</td>
<td>గుండుమోగల</td>
<td>వుంకటస్వా మివీరన్న</td>
<td>132</td>
<td>2.12</td>
</tr>
</tbody>
</table>
State wide Land Locations on Map
<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Service</th>
<th>Application No</th>
<th>Applicant Name</th>
<th>Applied Date and Time</th>
<th>Kiosk Center</th>
<th>Printed Date and Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mutation+e-PPB</td>
<td>TAMU011400224262</td>
<td>స్నాంర్యజు</td>
<td>29.8.2014 11.16.00 P.M</td>
<td>అత్తిలి</td>
<td>11.07.204 11.52.00 A.M</td>
</tr>
<tr>
<td>2</td>
<td>Adangal</td>
<td>ADL568745897</td>
<td>స్నాంర్యజు</td>
<td>29.08.2014 8.36.00 P.M</td>
<td>అత్తిలి</td>
<td>29.08.2014 8.45.00 P.M</td>
</tr>
<tr>
<td>3</td>
<td>RoR-1B</td>
<td>ROR984567895</td>
<td>స్నాంర్యజు</td>
<td>11.10.2014 2.16.00 P.M</td>
<td>రోంపెలియి</td>
<td>11.10.2014 2.25.00 P.M</td>
</tr>
</tbody>
</table>

Details of Services Utilized
<table>
<thead>
<tr>
<th>S.No</th>
<th>Petition Source</th>
<th>Petition No</th>
<th>Petitioner Contact No</th>
<th>Petitioner Name</th>
<th>Applied Date</th>
<th>Purpose</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Meebhoomi (Online)</td>
<td>MB6766516145</td>
<td>9032896738</td>
<td>గుండుమోగల్ వుంకటస్వా మిం</td>
<td>8.10.2014</td>
<td>Name Change</td>
<td>Accepted</td>
</tr>
<tr>
<td>2</td>
<td>MIMB</td>
<td>WL53200510</td>
<td>9032896738</td>
<td>గుండుమోగల్ వుంకటస్వా మిం</td>
<td>11.11.2014</td>
<td>Aadhar Number Change</td>
<td>Accepted</td>
</tr>
<tr>
<td>3</td>
<td>Meeseva</td>
<td>MS13454343</td>
<td>9032896738</td>
<td>గుండుమోగల్ వుంకటస్వా మిం</td>
<td>12.11.2014</td>
<td>Ocupant updation pending</td>
<td>Pending</td>
</tr>
<tr>
<td>4</td>
<td>Meekosam</td>
<td>MK98715265</td>
<td>9032896738</td>
<td>గుండుమోగల్ వుంకటస్వా మిం</td>
<td>1.12.2014</td>
<td>Change in Land classification</td>
<td>pending</td>
</tr>
<tr>
<td>5</td>
<td>Prajavaani</td>
<td>PJ564415151</td>
<td>9032896738</td>
<td>గుండుమోగల్ వుంకటస్వా మిం</td>
<td>12.12.2014</td>
<td>Photo change</td>
<td>Pending</td>
</tr>
</tbody>
</table>

**Grievances Received**

86
## Court case Details

<table>
<thead>
<tr>
<th>S.No</th>
<th>Case No</th>
<th>Court Name</th>
<th>Court type</th>
<th>Extent</th>
<th>Case type</th>
<th>Case filed Date</th>
<th>Case Prayer</th>
<th>PWR Filed</th>
<th>Counter filed</th>
<th>Status</th>
<th>Order</th>
<th>Order Date</th>
<th>Judgement Order copy</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CS-12-2013</td>
<td>District Court(Eluru)</td>
<td>Judicial</td>
<td>0.44</td>
<td>Civil</td>
<td>11.09.2014</td>
<td>Partition Dispute</td>
<td>Yes</td>
<td>Yes</td>
<td>Cleared</td>
<td>Final Order</td>
<td>12.10.2015</td>
<td>[Order Copy.Pdf]</td>
</tr>
</tbody>
</table>