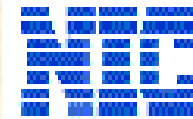




PANCHA TANTRA



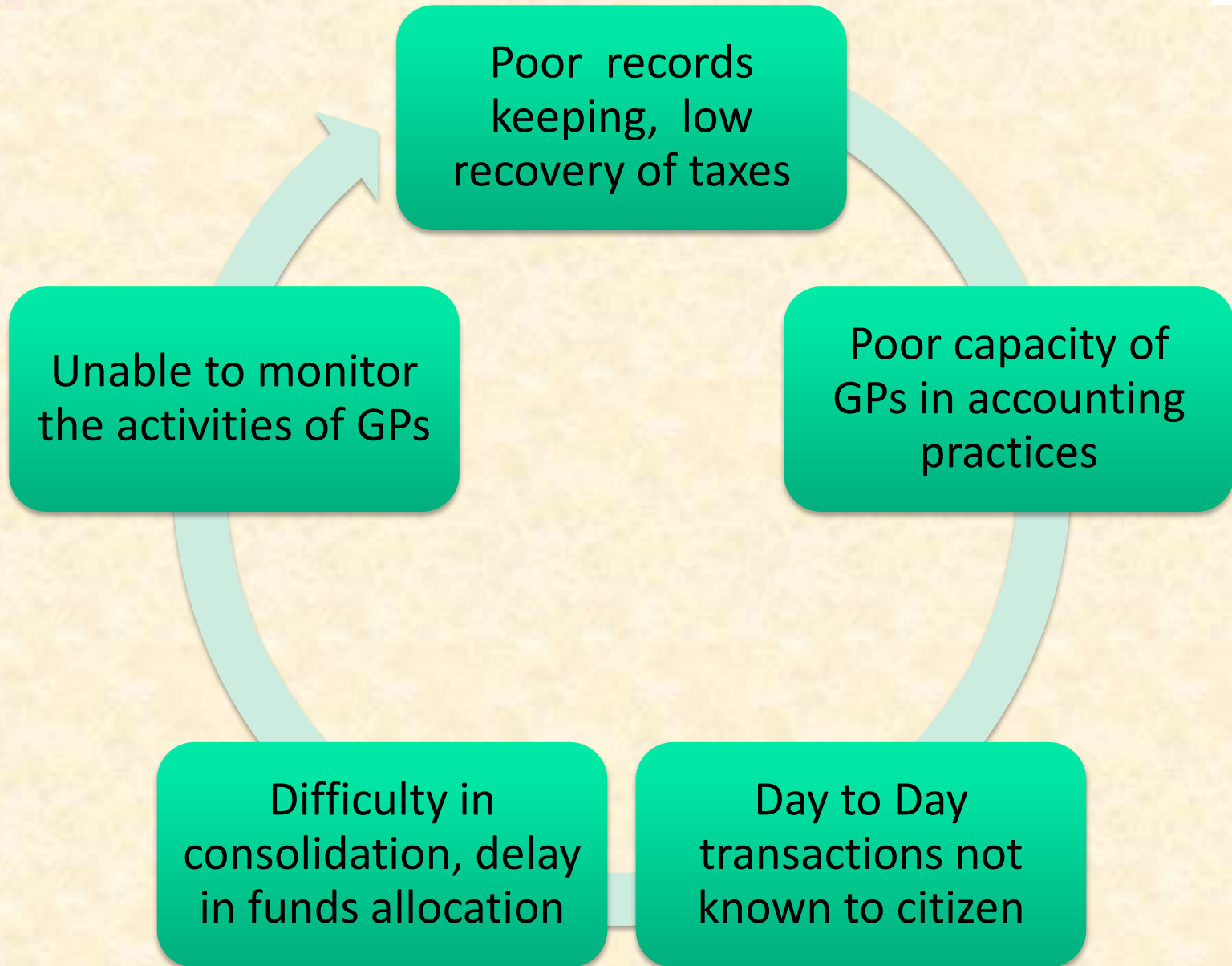
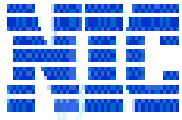
<http://panchatantra.kar.nic.in>

Grama Panchayat Online System



**Unique e-governance initiative for Grama Panchayats by
Rural Development and Panchayat Raj, Govt. of Karnataka
and National Informatics Centre, GoI**

Shortcomings of manual system





Coverage



5629 Gram Panchayathas

29066 Villages & 29616 Hamlets

3.48 Crore Rural Population

47+ Schemes

Rs. 3200+ Crores

1.1+ Crores Properties



Stakeholders





Scope of Services



Panchayat Profile

Property & Tax

Accounting

E-Fund Release

Statutory process

Beneficiaries

Services

Work Soft

Assetization

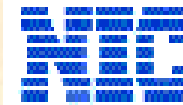
Inventory

Attendance

Grievances



Features



1

- Web-based, User-friendly system with local language support

2

- Personalized web-sites for 5630 Grama Panchayats

3

- Integration with ration cards system for mutual benefits

4

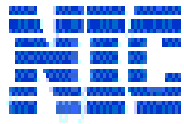
- Google Map and SMS Interface

5

- Workflow based system

6

- E-fund transfer to Grama Panchayats



Citizen Interface – GP Portal

<http://panchamitra.kar.nic.in/>



ಕರ್ನಾಟಕ ಸರ್ಕಾರ
 ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ ಮತ್ತು ಪಂಚಾಯತ್ ರಾಜ್ ಇಲಾಖೆ
Rural Development & Panchayat Raj Department



ಗ್ರಾಮ ಪಂಚಾಯತಿ ಅಂತರ್ಜಾಲ ತಾಣಕ್ಕೆ ಸ್ವಾಗತ !!



Individual Summary
 Kannada English

ಜಿಲ್ಲಾ ಸರ್ಕಾರ ಯಶಸ್ವಿ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕೈಗೊಂಡು ಮೇಲ್ ಕ್ರಮಗಳನ್ನು ಕೈಗೊಂಡು, ಪಂಚಾಯತಿ ಕೆಲಸವನ್ನು ವಿಸ್ತರಿಸಿ

ಧಾರವಾಡ
DHARWAD





Personalized GP Portal



ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ ಮತ್ತು ಪಂಚಾಯತ್ ರಾಜ್ ಇಲಾಖೆ Rural Development & Panchayat Raj Department



ಮುಖ್ಯ ಪುಟ ಬೆಳ್ಳೆ ಉಡುಪಿ ಉಡುಪಿ

ನದಸ್ಯರು	ಸೇವೆಗಳು	ಯೋಜನೆಗಳು	ಪ್ರಗತಿ ಕಾಮಗಾರಿಗಳು	ಫಲಾನುಭವಿಗಳು
ಸಾಮಾನ್ಯ ಮಾಹಿತಿ	ನ.ರೇ.ಗಾ	ಅಧಿಕಾರಿಗಳು	ಸಭಾ ನಡವಳಿಕೆಗಳು	ಆಸ್ತಿ ತರಿಗಳು
ಪಂಚಾಯತಿ ಅಸ್ತಿಗಳು	ಹೊಸೆಗಾರಿಕೆಗಳು	ಬ್ಯಾಲೆನ್ಸ್ ಶೀಟ್	ವೋಟರ್ ವರದಿಗಳು	ಟೆಂಡರ್ ಗಳು
ಅರ್ಜಿಯ ಸ್ಥಿತಿ	ಇ - ಸ್ವತ್ತು	NBA/SBM	ಚಿತ್ರಗಳು	ಫಲಾನುಭವಿಗಳು
				ಸಂಪರ್ಕಿಸಿ

ನಮ್ಮ ಪಂಚಾಯತಿಯ ಬಗ್ಗೆ

ಬೆಳ್ಳೆ ಗ್ರಾಮ ಪಂಚಾಯತ್ ಕೇಂದ್ರ ಸ್ಥಾನವಾಗಿದ್ದು , ಉಡುಪಿ ತಾಲೂಕು ಕೇಂದ್ರದಿಂದ 15 ಕಿಮೀ ದೂರದಲ್ಲಿದೆ. ಬೆಳ್ಳೆ ಗ್ರಾಮದಲ್ಲಿ ನುಮಾರು 1711 ಕುಟುಂಬಗಳು ವಾಸಿಸುತ್ತಿದ್ದು, 7656 ಜನಸಂಖ್ಯೆಯನ್ನು ಹೊಂದಿದೆ. ಈ ಗ್ರಾಮ ಪಂಚಾಯತಿಯ ಉತ್ತರಕ್ಕೆ ಮಣಿಪುರ ಗ್ರಾಮ ಪಂಚಾಯತ್, ದಕ್ಷಿಣಕ್ಕೆ ಕಾರ್ಕಳ ತಾಲೂಕು, ಪೂರ್ವಕ್ಕೆ ಶಿವ ಗ್ರಾಮ ಪಂಚಾಯತ್ ಮತ್ತು ಪಶ್ಚಿಮಕ್ಕೆ ಮಣಿ ಗ್ರಾಮ ಪಂಚಾಯತ್ ಇದೆ. ಈ ಪಂಚಾಯತ್ ಎರಡು ಗ್ರಾಮವನ್ನು ಹೊಂದಿರುತ್ತದೆ 1. ಬೆಳ್ಳೆ ಮತ್ತು 2. ಕಟ್ಟಂಗೇರಿ.

ಉಡುಪಿ ಜಿಲ್ಲೆಯ ಉಡುಪಿ ತಾಲೂಕಿನ ಪೂರ್ವದಿಗ್ಗೆ ತಾಗಿರುವ ಒಂದು ಕುಗ್ರಾಮವೇ ಬೆಳ್ಳೆ ಯಾಗಿತ್ತು. ಇದು ಸಾಮಾನ್ಯ ಮೂರು ಬದಿಗಳಲ್ಲಿ ನದಿ, ಹೊಳೆಗಳಿಂದ ಆವೃತವಾಗಿದ್ದು, ತಾಲೂಕಿನ ಕೇಂದ್ರ ಅಥವಾ ನೆರೆಕರೆಯ ಗ್ರಾಮಗಳೊಂದಿಗೆ ಸಂಪರ್ಕ ಬಲುಕಷ್ಟವಾಗಿದ್ದ ಕಾಲವೊಂದಿತ್ತು. ದಕ್ಷಿಣ, ಪಶ್ಚಿಮಗಳಲ್ಲಿ ಉದ್ಯಾವರ ಹೊಳೆಯೂ, ಉತ್ತರದಲ್ಲಿ ಅರ್ಬಿ ಹೊಳೆಯೂ ಈ ಗ್ರಾಮವನ್ನು ಸುತ್ತುವರಿದಿತ್ತು. ಮಳೆಗಾಲದಲ್ಲಂತೂ ಈ ಹೊಳೆಗಳು ತುಂಬಿ ಹರಿಯುತ್ತಿದ್ದು, ನದಿ ಬದಿಯ ಹೊಲಗದ್ದೆಗಳೆಲ್ಲಾ ಸದಾ ಕಾಲ ನೀರಿನಿಂದಲೇ ತುಂಬಿರುತ್ತಿದ್ದವು. ತುಳು ಭಾಷೆಯಲ್ಲಿ ಯಾವಾಗಲೂ 'ಬೊಳ್ಳೆ' (ನೆರೆ) ಯಿಂದ ತುಂಬಿರುತ್ತಿದ್ದ ಈ ಗ್ರಾಮಕ್ಕೆ ಬೊಳ್ಳೆದ ಒಂದು ರೂಪವಾದ 'ಬೆಳ್ಳೆ' ಯೆಂಬ ಹೆಸರಾಯಿತೆಂದು ಕೆಲವರ ಅಭಿಪ್ರಾಯ. 'ಬೊಳ್ಳೆ' ಅಥವಾ ಮುಂಜಾನೆ ಬೆಳಗುವ ಶುಕ್ರಗ್ರಹದಂತೆ ಪ್ರಜ್ವಲಿಸುವ ಪ್ರದೇಶವಾದುದರಿಂದ ಬೆಳ್ಳೆಯೆಂಬ ಹೆಸರಾಯಿತೆಂದು ಇನ್ನು ಕೆಲವರ ಅಭಿಪ್ರಾಯ. ಶತಮಾನ ಕಳೆದಂತೆ ಈ ಗ್ರಾಮ ಪ್ರಗತಿ ಪಥದಲ್ಲಿ ಸಾಗುತ್ತಿದ್ದು ಈಗ ಕಂಗೊಳಿಸುತ್ತಿದೆ ಎಂಬುವುದು ನಿರ್ವಿವಾದ.

ಚಾರಿತ್ರಿಕವಾಗಿ ಹಾಗೂ ಧಾರ್ಮಿಕವಾಗಿ ಈ ಗ್ರಾಮಕ್ಕೆ ಒಂದು ಮಹತ್ವವಾದ ಇತಿಹಾಸವಿದೆ. ಹಿಂದೂ ಧರ್ಮದ ದ್ವೈತ ಸಿದ್ಧಾಂತದ ಪ್ರತಿಪಾದಕರಾದ ಮಧ್ವಾಚಾರ್ಯರರ ಜನ್ಮಸ್ಥಳ ಇದೇ ಗ್ರಾಮದ ಪಾಪಕ ಕ್ಷೇತ್ರವಾಗಿದೆ. ಈ ಗ್ರಾಮದ ಪಶ್ಚಿಮ ಗಡಿಯಲ್ಲಿರುವ ಈಗ 'ಕತ್ತಮರ' ಎಂದು ಕರೆಯಲ್ಪಡುತ್ತಿರುವ ಮನೆಯೇ ಆ ಮಹಾಪುರುಷರ ಜನ್ಮಸ್ಥಳವಾಗಿದ್ದು ಈಗ ಪ್ರತಿನಿತ್ಯವೆಂಬಂತೆ ನೂರಾರು ಭಕ್ತರನ್ನು ಆಕರ್ಷಿಸುತ್ತಿದೆ. ಭೂಗೋಳದಲ್ಲಿ ಉದ್ಯಾವರ ಹೊಳೆಯೆಂದು ಕರೆಯಲ್ಪಡುತ್ತಿರುವ ಹೊಳೆಯು ಧಾರ್ಮಿಕವಾಗಿ ಅಘನಾಶಿನಿ ಎಂಬ ಹೆಸರನ್ನು ಪಡೆದಿತ್ತು ಮತ್ತು ಅದನ್ನು ಹೊಂದಿತ್ತು. ಈ ಹೊಳೆಯೇ ಗ್ರಾಮವನ್ನು ನೂರಾರು ಬೆಳ್ಳೆ ಮತ್ತು ಕಟ್ಟಂಗೇರಿ ಎಂಬ ಎರಡು





Double Entry Accounting System



Simple data entry of Receipts / Payments builds Double Entry Accounting System

No knowledge of the accounts handling is required

All types of receipts/payments are handled

On the fly, all types of financial statements are generated

Facilitates recording of the monthly reconciliation of the scheme accounts with bank passbook

Year-end closure process prepares all the final fin. Statements and the accounts for next fin. year.

Depreciation is calculated based on Written down method



Unique Features



Bridging the digital divide

- Personalized web site for each GP
- Tracking of status of Application & Grievance through web
- No static page – Generated Dynamically



Direct benefit to rural mass

- Helps to identify planning gaps
- In built community monitoring features



Networking among PRIs

- Sharing of Knowledge & best practices
- Tracking day to day progress at higher level



Impact of the project



Greater Transparency

- 24+ lakh hits in 2 years
- Expenditure on each items published for citizen
- 11 lakh beneficiary data in website



Resource mobilization

- Details of 122+ lakh properties entered
- 246+ lakh demand notices generated from system



Progress of Development works

- 78000+ development works (ongoing and completed) of GP published
- Investment on works can be cross verified in field by the citizen,
- Duplication of woks eliminated



Impact of the Project



Data made available to line Depts.

- Decentralized planning by line Departments in true spirit
- Delay in making of action plan ended



Interface with line Departments

- Elimination of duplicate ration cards
- Identification of correct beneficiaries for schemes



Internal Capacity of GP strengthened

- Hardware, software, power back up etc., upgraded
- Trained 10000+ GP staff
- Way to transfer e-benefits to rural community



Milestones



Month	Activity
Apr 2009	Pilot Projects commenced in Udupi & Bagalkot districts
Apr 2010	Implementation started in all GP's of remaining districts
Jun 2010	Training completed for all GP's – 8000+ GP Officials
Sep 2010	GP Portal in Public domain (http://panchamitra.kar.nic.in)
Jan 2011	More than 2.8 Crore records have been fed
Jun 2011	Linked with Ration Cards system
2012	Fund Release based on Performance; Sakala services
2013	Electronic fund transfer, NBA/SBM, NRLM
2014	Attendance system



Data Volume for 2013-14



Activity	Count
No. of Property Masters	122.5 Lakhs
No. of Demands	246.7 Lakhs
No. of Receipts	22.98 Lakhs
No. of Payments	14.58 Lakhs
No. of Development Works	0.78 Lakhs
No. of Assets	2.91 Lakhs
No. of Beneficiaries	11.0 Lakhs
No. of meeting Proceedings	0.72 Lakhs
No. of Services processed (Sakala)	8.6 lakhs
No. of Ration Cards requests(New/Amendment)	42.0 Lakhs



Challenges



Capacity Building



10000+ staff of GPs had been trained in 2 months at District with the help of District Informatics Officer of NIC

Trainers' Training programs were conducted

Repeat trainings and Video Conferencing were conducted to clear the doubts

Connectivity



ISP pursued to provide the connectivity at GPs

GPs allowed to have broadband or data card based connectivity from any service providers

More than 90 % of GPs are connected now.



Challenges



Sustainability



- Fund transfer based on Performance monitoring
- Performance ranking of GPs, Blocks and Districts
- System controls to ensure the dependency
- Guaranteed Service Delivery
- Demand driven & Monitoring tool

IT Support



- Software Development through National Informatics Centre
- Regular and continuous improvement of the software as per the feedback



Guaranteed Service Delivery

Before

- Opaque System
- Non clarity while applying
- Non accountable
- No timelines for delivery
- No complaint mechanism
- Manual System
- No mechanism to check the status

After

- Transparent System
- Clarity while applying
- Accountable
- Stipulated time for delivery
- Appeal Mechanism
- Electronic System
- Online/SMS based checking of the status

Achievements

- As on date, 21.53 Lakhs (out of 21.88 Lakhs requests) of 13 categories of services been delivered in last 28 months
- 98.5 % of services have been delivered in stipulated time



E-Fund Transfer

Before

- Manual Process
- Difficulty in calculation of the fund distribution
- Multiple stages of fund movement – State to ZP to TP to GP
- Takes 3-4 months to transfer
- Difficult to reconcile

After

- Electronic Process
- System calculates the fund distribution
- Direct fund movement – State to GP
- Takes 2-3 days to transfer
- Easy to reconcile

Achievements

- 7 installments of 13th finance commission have been transferred to 5628 GPs, 176 TPs and 30 ZPs in last 2 years
- Successful transfer of funds within 3 days is 98 %.



Integrating with Ration Cards System



Before

- Independent System
- Property Masters and Ration Cards are non linked
- Old opaque system
- Non-involvement of GP
- Manual and paper based system

After

- Integrated system for mutual benefits
- Property Master and Ration Cards interlinked
- Business Process re-engineered
- Empowering the GP
- Electronic / Online System

Achievements

- 83.65 Lakhs properties of GPs have been linked with the Ration Cards and 3 Lakhs of properties have been added during this process
- 26.51 Lakhs new Ration Card requests have been captured at the 5629 GPs in last 2 years



Statutory Processes



Before

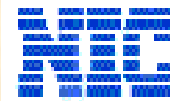
- Post event based
- Manual intimation
- Difficulty in monitoring
- Difficult to consolidate
- Opaque System
- Not in public domain

After

- Pre-event based
- SMS based intimation
- Easy to monitor
- Easy to consolidate
- Transparent system
- In Public domain

Achievements

- More than 40,000 proceedings of the GP sabha/meetings are uploaded on the system in this financial year by 5628 GPs.
- Last year, 60,000+ proceedings are uploaded.
- All are in public domain



Swaccha Bharath Abhiyan

Before

- Manual Process
- Difficult to monitor implementation
- Possibility of duplicate / bogus claims
- Ad-hoc process
- No Controls

After

- Online Process
- Easy to monitor implementation
- Not possible for duplicate /bogus claims
- Re-engineered business process
- Various Controls
- Linkage with Job Card of NREGA and Ration Card
- Capturing GPS and Photo of location

Achievements

- 81.25 Lakhs household survey details are entered during 2013-14 and in that 56.33 lakhs of household are not having toilets,
- 3.13 Lakhs have been processed to construct the toilet in the year 2013-14
- 2.01 Lakhs are being processed in the year 2014-15.



E-attendance

Before

- Manual signature based attendance
- Difficult to ensure the availability of the officials in offices
- Possible for proxy attendance
- Difficult to monitor

After

- Online finger print based attendance
- Ensures the availability of the officials in offices in time
- Not possible for proxy attendance
- Easy/online monitor

Achievements

- More than 40,000 staff, located at 5830 locations, are being monitored in this system
- Compliance level of attendance of entry and exit from office has been increased



Public Interface/Grievance



Before

- Visit to office to get any information
- Response depends upon officials
- Unaccountable for grievance

After

- In public domain
- No dependency and easily accessible
- 'Call Centre' to raise the grievance
- Completely transparent
- ZP/TP Portals are added
- Development works with the progress in public domain
- Public to share their opinions about the works

Achievements

- More than 20 Lakhs hits are there for portal in last 2 years



Performance Evaluation



- System based evaluation of the performance
- Online system for award questionnaires
- Online process based system to enter achievements of ‘RFD-Result Framework Document’
- Monitoring the targets of ‘RFD-Result Framework Document’



SMS Interface

- Group SMS facility to communicate officers of GPs, TPs and ZPs
- SMS to the public about the Grama Sabha and Jamabandhi meetings and other purpose
- SMS to members about the meetings
- SMS to public once the application is accepted or service is ready for delivery
- SMS facility to check the status of application/service requests

New Modules



Nirmala Bharat Abhyan / Swatch Bharat Mission

- Workflow process from Application capturing till the e-payment

NATIONAL RURAL LIVELIHOODS MISSION [NRLM]



NRLM

- Capturing of SHG details
- Workflow for subsidy/interest releases



Similar system for TP and ZP

- Build the similar systems for Taluk Panchayats and Zilla Panchayats activities except accounting system



Future Plan



Online workflow based system for beneficiary system

- Services of GSC
- Other Services/requests
- RTI applications



Capturing the photos and GPS coordinates and Integrating with Google maps and GIS

- Development works,
- GP Assets and
- Properties



Linking the beneficiaries of different schemes

- GP Schemes
- Housing Schemes
- Ration Cards
- SGSY Schemes

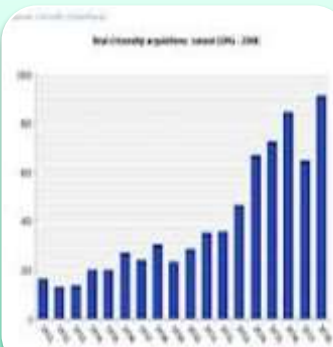


Future Plan



Handheld device for

- Capturing tax payment by tax collector on field
- Capturing the Photos of the development works
- Capturing the GPS Coordinates



Executive Information system for decision-making and planning processes

- To make the performance/utilization based fund release
- To detect the overlapping/duplicate development works
- To monitor the implementation of various schemes



Electronic Fund Transfer System

- From Government/GP Accounts for beneficiary accounts



Questions?