

# Innovations in Public Health Care

Inno**HEALTH**  
2016

**Presented By :**  
**M. Nagarajan, IAS**  
**District Development Officer**  
**Sabarkantha, Gujarat**  
**Email address: [naga@na.ga](mailto:naga@na.ga)**



# Swasthaya Samvedana Sena



Swasthya Smvedana Sena



Implemented by  
Sabarkantha District Panchayat

**TEHNNICAL SUPPORT BY : UNICEF**

# Goal

- Reduce Maternal Mortality Ratio and Infant Mortality Rate and other health issue

# Objectives

- To increase skill of health workers to impart health related information.
- To facilitate health workers & AWW to use latest technology for health education.
- To increase knowledge in pregnant & lactating women, adolescent, child regarding health Problems, diet, exercise.
- To monitor IEC activity at district level.

Change in behavior is the key  
for promotion of health and in  
improvement of health  
indicators

# Concept

- Hardware- 7 Inch android based tablet device
- Software - Android based mobile application
- Contents - Ppts/Video, images, audio are loaded in memory card of device.
- Using Mobile application contents are shown to beneficiaries as per need. At the end of session with the use of quiz module, post-education assessment is done.

# Benefits

- Audio/visual IEC is having more effect on behavior change.
- Health worker does not have to remember anything and still she is well updated with latest information.
- Updated audio/video/ppts can be uploaded instantly without any extra cost.
- Health worker does not have to carry any extra IEC materials in field.
- Online monitoring of all IEC material at all supervisory level through dashboard.

# Beneficiaries

- Currently 88 health workers use tablet device to give health and nutrition education.
- Total 472119 (Taluka Prantij 146450 + Taluka Himatnagar 325669 ) population takes benefit of this project.

# Support

- Technical support is given by UNICEF. Also mobisodes of various health activities are given by UNICEF.
- NHL medical college is appointed for baseline and impact study for this project.
- Dr.Meena Shah from Namastey Life NGO has given contents for this project.

# Contents used in Mobile Application

No.	Contents	No. of ppt/Video
1	Women's health	16
2	Adolescent health	6
3	Child care	19
4	Anemia	2
5	General health	25
6	Pregnancy & labor	18
7	Contraception	8
8	Government Services	4
9	Post natal care	1
10	Nutrition	5
11	STD-HIV	1

# Login screen

Swasthya Samvedana Sena સ્વાસ્થ્ય સંવેદના સેના - Sabarkantha Di...

'જન્મ જનના અસિગ્ધ સુખાકારી માટે સંવાદના સેતુરૂપ સાથી'

12

8860024378

એફ.એચ.ડબલ્યુ.

પ્રવેશ કરવો

# Home Screen



# Screen showing category type



# Subcategory Screen

The screenshot shows a mobile application interface for 'Swasthya Samvedana Sena'. The top status bar includes icons for camera, messages, Wi-Fi, signal strength, 89% battery, and the time 08:49. The app title bar reads 'Swasthya Samvedana Sena સ્વાસ્થ્ય સંવેદના સેના - Sabarkantha Di...'. The main content area is a list of subcategories:

Subcategory Name	Count	Action
નવજાત શિશુની સંભાળ	0	સવ્યાજી ? જવાબ
શંકાર મધર કેર	0	સવ્યાજી ? જવાબ
6 મહિના પછી પુરઠ આહાર	0	સવ્યાજી ? જવાબ
હાલુકા	0	સવ્યાજી ? જવાબ

On the right side, a user profile sidebar is visible with the following information:

- Level 1
- યુઝર નામ
- 8860024378
- Home icon
- Star icon
- Envelope icon
- Document icon
- Power icon

# *Content Screen*



# Quiz Mode

Swasthya Samvedana Sena સ્વાસ્થ્ય સંવેદના સેના- Sabarkantha Di...

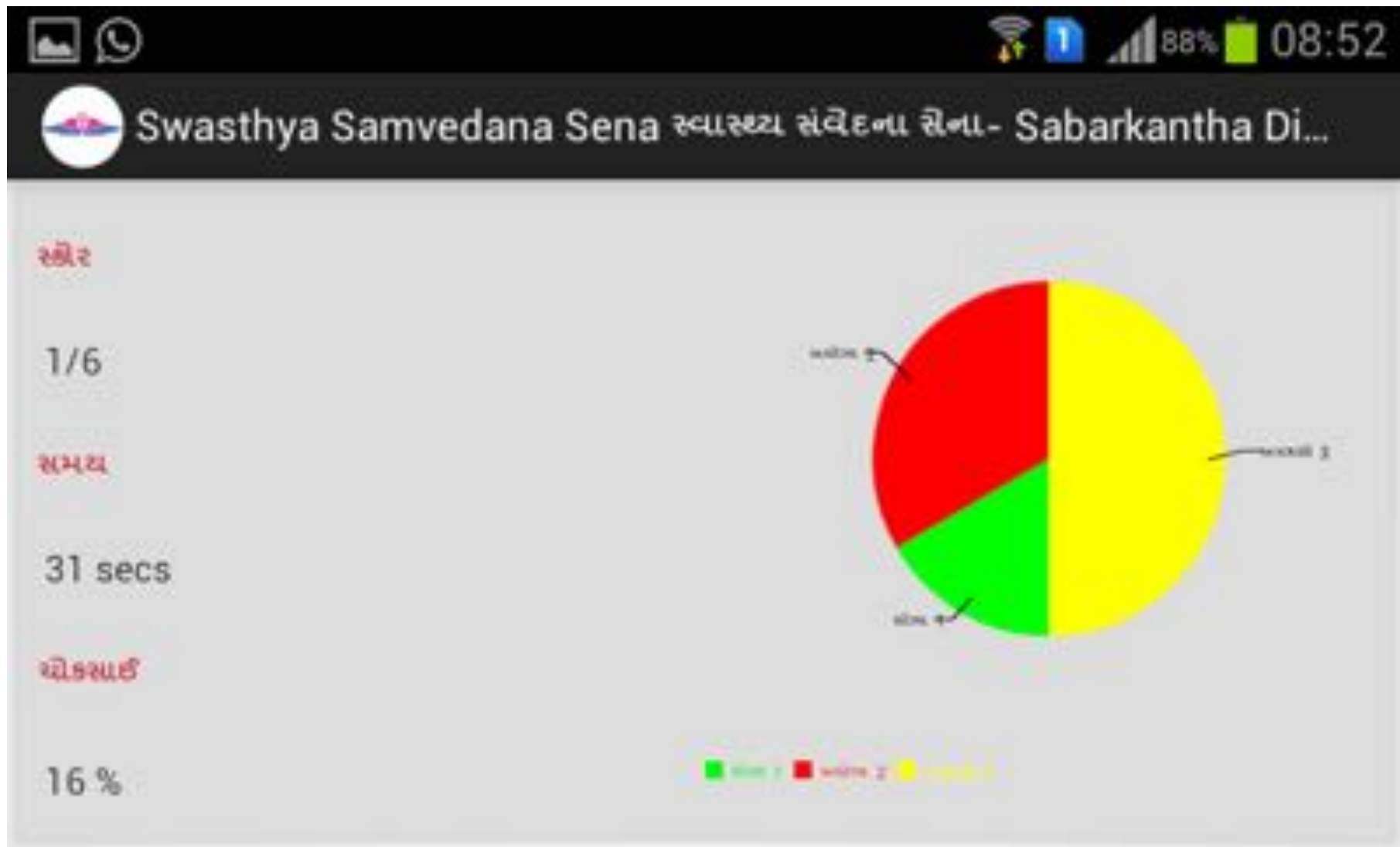
નવજાત શિશુની સંભાળ 15 1/6

## જન્મ સમયની સંભાળ

અ	નવજાત શિશુને નરમ, ભીના કપડાંથી સાફ કરો, નવજાત શિશુની ચામડી પર લાગેલો ચીકણો નરમ, સફેદ પદાર્થ રક્ષણાત્મક છે તેને જુલવો નહીં
બ	નવજાત શિશુનું તાપમાન માપવાની જરૂર નથી
ક	બાળકને સ્વચ્છ વાતાવરણમાં માતાની સાથે સખવું જરૂરી નથી



# Screen showing quiz result



# Gamification features and Dashboard screen

The screenshot displays a mobile application interface for 'Swasthya Samvedana Sena'. The header includes the organization's name in both English and Odia. Below the header is a red bar containing summary statistics. The main content area is a list of phone numbers, each with a score next to it. The top number, 9687679051, is highlighted with a gold crown icon.

Phone Number	Score
9687679051	440
9555859884	355
8860024379	125
8858455555	80

# Web based Dashboard

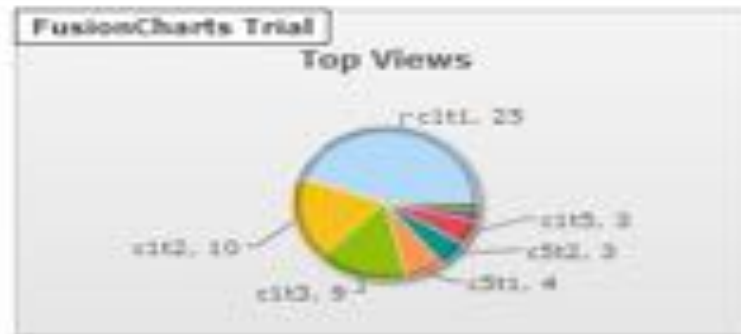
Total Users	Inactive Users	Active Users	Total Categories	Total Topics	Total Views	Device-Id	Individual Views	Top Users	Top Views
1	0	1	5	50	6	000100054905400	Individual Views	Top Users	Top Views
1	0	1	5	50	9	000200054905400	Individual Views	Top Users	Top Views
1	0	1	5	50	1	000100054905400	Individual Views	Top Users	Top Views
1	1	0	5	50	0	000100054905400	Individual Views	Top Users	Top Views
4	1	3	5	50	10	911317250040300	Individual Views	Top Users	Top Views
1	1	0	5	50	0	000100054905400	Individual Views	Top Users	Top Views
4	1	3	5	50	4	911317250040300	Individual Views	Top Users	Top Views
4	1	3	5	50	4	911317250040300	Individual Views	Top Users	Top Views
4	1	3	5	50	2	911317250040300	Individual Views	Top Users	Top Views
2	1	1	5	50	0	000100054905400	Individual Views	Top Users	Top Views
1	0	1	5	50	3	000100054905400	Individual Views	Top Users	Top Views
1	0	1	5	50	3	000100054905400	Individual Views	Top Users	Top Views
1	1	0	5	40	0	000100054905400	Individual Views	Top Users	Top Views
3	2	1	5	50	0	911237450747320	Individual Views	Top Users	Top Views
3	2	1	5	50	0	911237450747320	Individual Views	Top Users	Top Views
1	0	1	5	50	8	911237450747320	Individual Views	Top Users	Top Views
1	0	1	5	50	7	911237450747320	Individual Views	Top Users	Top Views

# Web based Dashboard

Users - Active and Inactive Users



Topics - Top Views



Users - Top 5 Users Based on Points



Users - Top 5 Users Based on Reports



# Mata Yashoda – Mobile Application for Anganwadi Centers

Honorable CM of Gujarat on 12<sup>th</sup> September 2014 in Khedbharama said, “ Anganwadi workers Waste their 2 hours in filling 11 register everyday and now it is time to take a lead and make AWW free from these administrative activities to give qualitative nutritional and preschool services”.

# AIM

To contribute in decreasing prevalence of malnutrition among 6 months to 6 years children of Sabarkantha district.

# Objectives

- To decrease reporting time
- To support AWW to give more time in service deliveries
- To provide dashboard to supervisory cadre for real time monitoring of AWC's activities.
- Experiment in child education with tablet
- Digital empowerment of Anganwadi workers

# List of registers maintained by Anganwadi Workers

1. Family Survey
2. Supplementary food stock
3. Supplementary food distribution
4. Preschool education
5. Antenatal & Postnatal
6. Vaccination & Mamta Divas
7. Biannual Vitamin A dose
8. Home visit
9. Referral services
10. Summary (Monthly & Yearly)
11. Growth chart plotting

# Growth Chart plotting



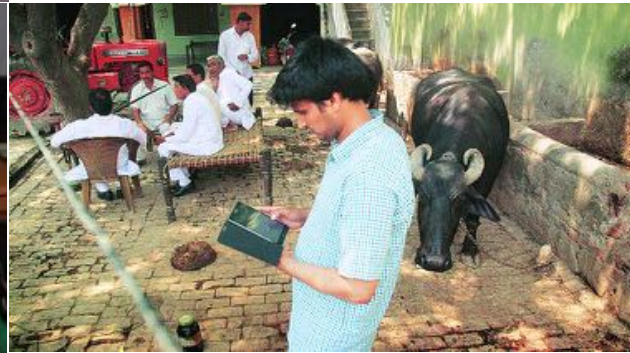
# Mata Yashoda Mobile Application For Anganwadi Workers – 330 Kendras



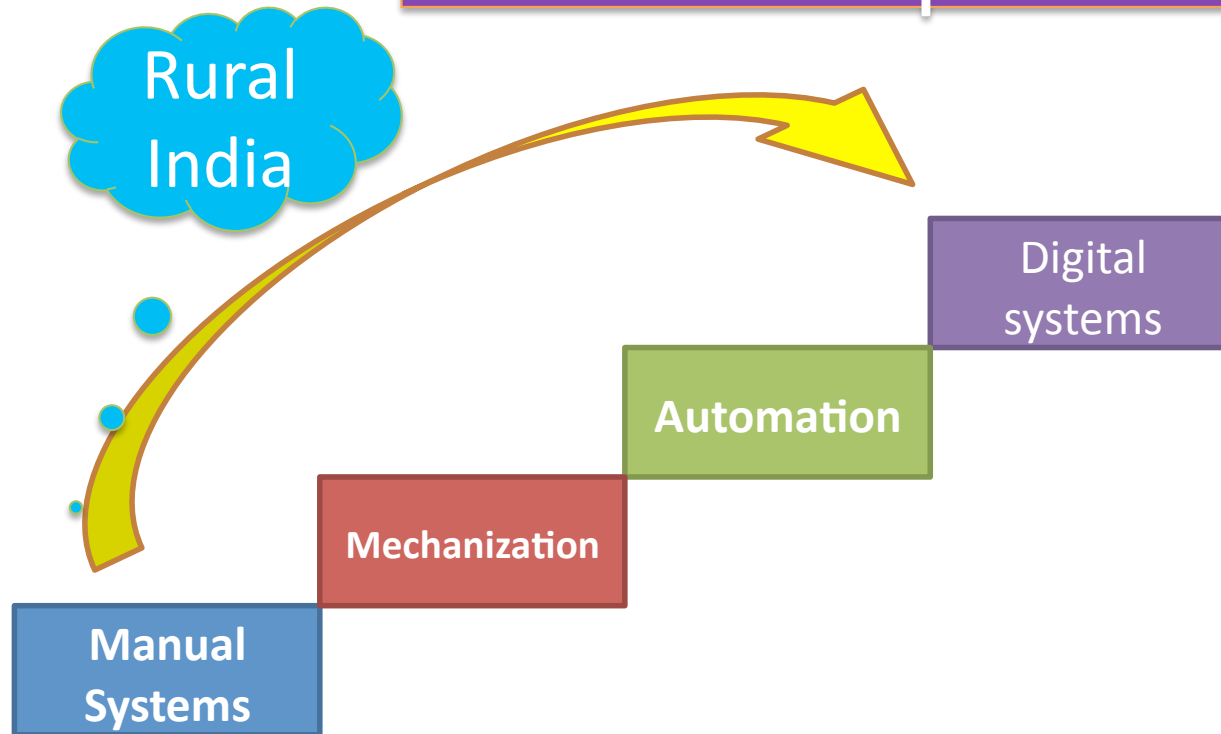
Town Hall dt. 16/04/2015



# Digital Revolution



# Making the Digital Leap



***THANK YOU***

M. Nagarajan, IAS  
District Development Officer  
Himatnagar - Sabarkantha,  
Gujarat  
Email: [naga@na.ga](mailto:naga@na.ga)