eGram

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Courtesy by

Office of the Development Commissioner

Editorial Team

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Swaraj - a New Beginning

PREFACE

In Gujarat, 3-tier Panchayati Raj has been in operation since 1963. The Panchayati Raj system has been not only widely accepted in the State, but has also contributed to the overall development of the State. It is, therefore, necessary to strength the system in a way that it can reflect the current efforts aimed at revitalizing and strengthening the PRIs.

Development Commissioner and Rural Development Commissioner are working under Panchayat, Housing & Rural Development department.

25 District Panchayats and 25 District Rural Development Agencies are working under respective Head of Departments. Under this, there are 225 Taluka Panchayats and 225 taluka Rural Development Offices respectively. At grass root level, about 13,800 Village Panchayats are working. Efforts have been made for E-governance implementation through IT application. It Covers mainly 4 parts:

(1) Panchayat : GSWAN Connectivity.
(2) Computerisation of District/Taluka Panchayats Accounting System.
(3) Portal WEB site of Panchayat Department
(4) E-governance for the village people – starting of an experiment.

(1) Panchayat – GSWAN connectivity:

At present, 23 District panchayats have been connected with GSWAN connectivity. The Planning have been made to connect all the 225 Taluka Panchayats with GSWAN connectivity by the end of March-2004.

(2) Computerisation of District/Taluka Panchayats Accounting System:

The software of total computerization of panchayat accounts has been prepared with the help of NIC. The District Panchayat Accounting System (DPAS) software for District Panchayats and Taluka Panchayats has been prepared The DPAS software has been designed in such a way that it accounts all three main sources of grants – Own fund grant, Government grant & debt.

This project is running successfully in all the District Panchayats. Planning has been made for total computerization of Taluka Panchayats by the end of March-2004.

It is proposed to computerized Village Panchayat accounts also. The Village Panchayat functionary i.e. talati-cum-mantry will take data of village to Taluka Panchayat , make data entry there and village wise accounting will be made available. So, the ultimate aim is to computerised the village accounts. This is the stepping stone for fulfilling the dream of "Vishva Gram".

(3) Portal WEB site of Panchayat Department :

The main objective of the Portal WEB site of the Panchayat Department is to get all the information of PRIs. The WEB site of the Panchayat Department has been developed with the help of NIC This WEB site includes the main site of Panchayat Department as well as 25 District Panchayats together. The most of the Government activities are transferred to PRIs.

This WEB site covers functioning of various departments in rural areas at district/ taluaka / village level. All the schemes operated in rural areas of the different departments are also covered.

The village people can know about all the schemes available for them. One can get forms of various schemes. One can know the different GRS of the Government. One can know the details of the officers working at State level, District / Taluka Panchayats. One can know the details of the non-officials also. The working of the different branches of District / Taluka Panchayats also can be known. The Photo Gallery, the new initiatives, the Panchayat News are also available in this WEB site. This is a portal WEB site from where one can get the information at State level as well as up to village level.

(4) E-governance for the village people – starting of an experiment:

The State Government has undertaken a project of Total computerization of Gram pamchayats called "E-gram" Project. In this project, a pilot project of fully computerization of Valukad village panchayat of Ghogha taluka , Bhavanagar district a pilot project have been undertaken with the help of DDO, Bhavnagar and NIC.

This pilot project is running successfully at present and has got a very good response from other Distrist Panchayats. A target of 1000 Village panchayats to be covered under "E-Gram" project has been fixed by the State Government during the current year 2003-2004.

In this application the following services at village level is computerized

1. Birth Certificate
2. Death Certificate
3. Agriculture Certificate
4. Entries in Form No. –6
5. Income Certificate
6. Electricity Certificate
7. Tax collection: Revenue & Panchayat
8. Issue of 7/12, 8/A
9. Caste Certificate.

"One can get form of any scheme and fill up and submit it through computer. An affordable fee of Rs. 10 per copy man be charged."

"e-Gram"
IT Application at Village Panchayat

- Gram Panchayat is the base of the Panchayati Raj Institutional set up.
- Basic civic services are provided by Gram Panchayat
- Basic fiscal activities like panchayat tax collection. revenue tax collection, are undertaken by Gram panchayat.
- Actual implementation of various rural developmental schemes takes place at village level.
- Therefore maximum public contact is at the level of Gram Panchayat.
- Records of District & Taluka Panchayat is a sumtotal of records prepared at village level.

Therefore, the basic administrative unit of Gram Panchayat is also basic to IT Application, in the administration.

- Project of e-Gram was conceptualized in January 2003 under the guidance & direction of Development Commissioner.
- e-Gram Valukad was initialized on trail basis since April 2003
- Computerization of the services provided by Gram Panchayat, its office procedure and connectivity with Taluka & District were the main aspects of the project.
- As Ghogha was the on line taluka of the district its village Valukad was selected on pilot basis for IT Application.
- The Project was conceived to be self sustaining, self financing and replicable.
- The system study of the project was finalized after due consultation of officers of District Panchayat & Taluka Panchayat concerned elected representatives technical staff and actual customer i.e citizen of the village. Thus it

thoroughly customized.

Area of IT Applications

- **Birth Registration**
  - Register of births
  - Issue of Birth Certificate
  - List of the children due for vaccination
  - List of the children due for registration in the primary school.
  - Bar chart of comparative analysis.

- **Death Register :**
  - Register of deaths
  - Death Certificate
  - Details of premature deaths

- **Property Assessment :**
  - Register of property assessment
  - Certificate of property assessment

- **Tax collection :**
  - Details of outstanding taxes
  - Receipt of payment of the tax
  - Notice

- Issue of individual land records (Through GSWAN connectivity).

- **BPL Registration :**

– BPL Register incorporating the details of the benefits provided

– BPL Certificate

– List of scheme wise & year wise beneficiaries

– List of non - benefited BPL families

- **Accounts of Gram Panchayat :**

– Cash Book

– Cheque Register

– Classified Register

– Monthly A/c &annual A/c.

- **Issue of various certificates :**

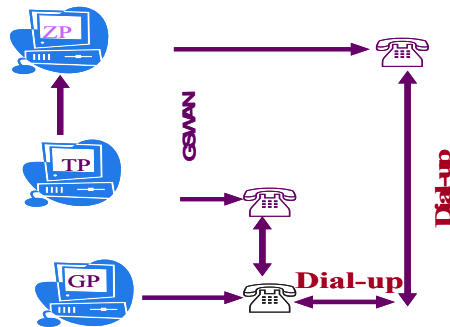– Caste certificate

– Income certificate

– Farmer certificate

Vital Record-keeping of Gram Sabha and associated planning.

Most of the above mentioned

software modules may be installed in the municipalities after making minor changes.

Technology

- Back end : MS-Access 2000 , SQL Server 2000

- Front end : Visual Basic, ASP

- Technology : ODBC

- Operating System : Windows 2000

- Networking : GSWAN Dial-up connectivity

Hardware

- Computer System

- Dot Matrix Printer

- Modem

- Telephone

- Inverter

Training

- Module I training – Windows OS & MS Office

- Network based training – E-mail, Internet & HTML

- In house training – e-Gram application software

- Medium of training - Gujarati

Cost per eGram

- Hardware: Rs. 47,000 (Provided by Zilla Panchayat)

- Software In-house designed developed by Zilla Panchayat & NIC, Bhavnagar

- Site Preparation: Rs. 10,000

Extending Project to other Villages

- Cost of Site preparation would be borne by the respective Gram Panchayat.

- Initially Hardware would be provided by Zilla Panchayat/State Govt. for 10 e-Grams

- Fees of Rs. 10/- per copy or certificate issued would be charged.

- Criteria for establishing an e-Gram : Turn over of 1000 copies per month
- Funds generated per e-Gram per month : Rs. 10,000/=
- 50 % of the sum I.e. Rs. 5000/- would be retained by the concerned e-gram in order to meet operational expenditure.
- 50 % of the sum I.e. Rs. 5,000/- would be deposited in the "District IT fund " at Zilla panchayat in a scheduled Bank.
- Thus per month Rs. 50,000/- would be deposited in " District IT Funds"
- One e-Gram would be added every month for next 10 months.
- Therefore the no. of e-gram would double every 10 months.
- Most of the villages would be covered within 5 years , without incurring additional cost (640)

Months	No of e-Gram	Amt. deposited in IT fund every month
	10	50,000
10	+10 = 20	1,00,000
20	+20 = 40	2,00,000
30	+40 = 80	4,00,000
40	+80 = 160	8,00,000
50	+160 = 320	16,00,000

Portal, Kiosk & GSWAN connectivity

Scope and Design:

- Static DC node & dynamic ZP sub nodes
- User friendly technology
- Provision of multi-faceted information & services
- Incorporation of District wise information
- Details of the elected representatives
  - complete who's who
  - Details of the members of the PRI samitis.
- Details of the officers
- Details of Gram Panchayats and Taluka Panchayats

Gram Ruprekha

- Survey conducted by District Panchayats
- Enumeration of existing village amenities and infrastructure Important announcements & messages of the Dept.
- Details of the tender copies issued

Objectives of the PRIs

Branch related details of

    - Functions

    - Activities

    - Establishments,

Location, Contact number, beneficiaries ....etc.

Statistical Report

Functioning of the Web Portal

- Portal would be operationalized in Development Commissioner's office
- It would further be operationalized in the Citizen Information Center of every Zilla Panchayat
- TPs would be covered in the II phase
- It would be installed on GSWAN
- Besides displaying comprehensive information, it would provide vital database for planning, review and monitoring.
- It would further upgrade the citizen services provided through CIC and IT application

Implementation in District Panchayat Bhavnagar

- Portal would be installed on **kiosk**
- Important software Modules like Zilla Panchayat Accounts, Estimate, Sanction of works, Employees Personal Information, Citizens charter would be made on line through http link **HTML** pages and **GSWAN** connectivity.

eGov@Gujarat - An *e-Governance* Bulletin from GUJARAT INFORMATICS LTD.

eGovernance News

RESECO RENAMED AS BISAG: NEW PREMISE INAUGURATED (29-12-03)

RESECO (Remote Sensing and Communication Centre) has been renamed and will now be known as BISAG (Bhaskaracharya Institute for Space Applications and Geo-informatics).

The State Finance Minister Shri Vajubhai Vala while inaugurating the new premise of this institute here near Info city, today remembered the famous Indian scientist and renowned mathematician, astronomer and author of "Siddhantha Shiromani", Bhaskaracharya of the 20th century and praised the work carried out by the institute. He stated that a vital role in the development of the areas like space application, GIS based software developments and creation of awareness among students in various areas of space science and technology has been carried out by this institute. He assured future expansion of BISAG, and stated that the government would like to increase the use of space technology for the development of Gujarat.

In the welcome speech, the Chief Secretary, Shri P.K. Laheri gave introduction about various key activities of the then RESECO and highlighted the role played by it.

Shri Madhavan Nair, Chairman of ISRO welcomed the renaming of RESECO and praised the value added services and space technology, related software developed by BISAG. Expressing happiness on BISAG, which has reduced the cost of space applications, assured continued support of ISRO to Gujarat Government and thereby to BISAG.

During the function, website of BISAG' was launched which provides a free down load software on satellite image processing developed by BISAG. The Government of Gujarat signed an MOU with DOS, GoI for collaboration of NRIS activities in the state. An atlas related to Kachchh development project was released and BISAG's new earth station and TV studio were operationalized. Finance Minister had live interaction with several villages and institutes of Gujarat on the GUJARAT SATCOM NETWORK.

Shri Rajesh Kishor, secretary, Department of Science and Technology and Chairman, Executive Committee, BISAG delivered vote of thanks. Among those present included important and dignitaries from different fields like science, education, government departments and other organization and citizens.

Web Corner

JanSuvidha, Bhavnagar
http:// www.jansuvidhabhavnagar.org

Gujarat Health
http://www.gujhealth.gov.in

Gurjari
http://www.gurjari.co.in

Please look out for this section for URLs of Government websites

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