

ASSAM - IMPLEMENTING INNOVATIVE ICT PROJECTS

Assam - famous for its tea and one-horned rhinoceros, popularly called the land of red river and blue hills, is the gateway to the northeastern India. The mighty Brahmaputra, one of the most powerful rivers of the world, flows through the state. The major festivals celebrated in Assam are Bihu, Baishagu, Ali-Ai-Ligang, Durga Puja etc.



DEEPAK GOSWAMI
Senior Technical Director & State Informatics Officer
sio-asm@nic.in



TASIRUDDIN AHMED
Scientist-E Informatics Correspondent Assam
asm-tasir@nic.in

Edited by
PRASHANT BELAWARIAR

The state of Assam has a large number of tribes each unique in its tradition, culture, dresses and exotic way of life. They have their own colorful festivals like Bihu, Baishagu, Ali-Ai-Ligang, Durga Puja etc.

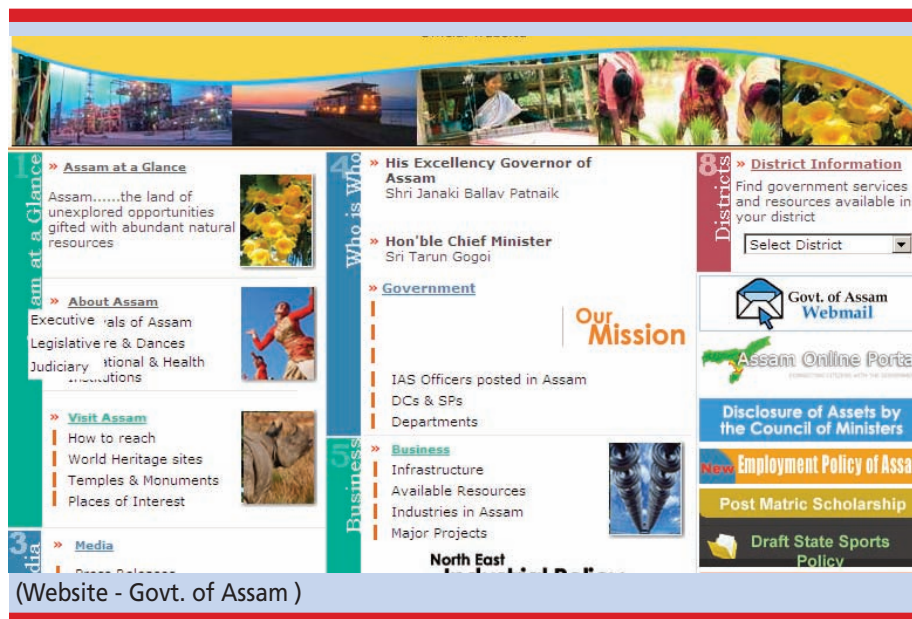
NIC Assam State Centre is equipped with state of the art Network Operation Centre and a Data Centre at New Sachivalaya Complex in Dispur. The official website (<http://assam.gov.in>) of the government of Assam is a rich source of information and highlights many e-governance activities of the state. The Assam Online portal

(<http://online.assam.gov.in>) provides link to several e-services launched by the state apart from currant events, Business activities etc.

MIS FOR STATE LEVEL BANKERS' COMMITTEE (SLBC)

State Level Bankers' Committee (SLBC) is an important forum for co-ordination between the State Government and banks on matters relating to development banking. The forum takes the lead in initiating, streamlining and accelerating the process of development in close co-ordination with various government departments, Reserve Bank of India, NABARD and others.

The SLBC with its head quarters at Guwahati meets once a quarter to



review/monitor the following activities-

- implementation of various Government sponsored programs by the financial institutions operating in the NE states.
- quarterly progress of the implementation of Annual Credit Plan and other agencies sponsored credit-linked programs in the districts.
- flow of credit into rural areas and to the small borrowers in the neglected sectors.
- recovery performance.
- Credit Deposit Ratio, Priority Sector Advances to Weaker Sections, financing of Minority Communities etc.

To meet the requirement of the SLBC an online Management Information System for SLBC has been developed by NIC, Assam State Centre, for reviewing and monitoring of all the activities of member banks. The system uses Open Source Stack i.e. PHP technology with MySQL as RDBMS and Apache as Application Server to maintain portability to any platform with minimum effort.

THE QUARTERLY INPUTS FROM ALL THE MEMBER BANKS ARE AS FOLLOWS

1. Public Sector Banks provide necessary inputs like Agricultural Loan (Direct/Indirect), Financial Inclusion, Progress and Recovery under various govt. sponsored schemes, Finance/Disbursal to/Under Micro, Small and Medium Enterprise (MSME) Sector, Details of Annual Credit Plan, Advances details of all sectors, Coverage of un banked Villages etc.

2. District-level Lead Bank provide inputs like performance and progress

STATE LEVEL BANKERS' COMMITTEE
ASSAM ARUNACHAL PRADESH MANIPUR MIZORAM MEGHALAYA NAGALAND

Home **SLBC** District Level About Us Contact Us Notification

DATE: 17-08-2012

Analysis of Priority Sector Advances Under CROPLOAN of Assam in the Year 2011 and Quarter 2

(Rs In Lakhs)

Sl No.	Bank Name	No. of A/C	Total O/S	Demand Raised	Recovery		Overdues		Gross NPA		New Loans
					Amount	%	Amount	%	Amount	%	
1	BOM	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	UCO	31654	21936.52	1248.52	1066.26	85	182.26	15	1805.52	8	1642.30
ASCB Total		31654	21936.52	1248.52	1066.26	85	182.26	15	1805.52	8	1642.3
Grand Total		31654	21936.52	1248.52	1066.26	85	182.26	15	1805.52	8	1642.3
Last Quarter Data											
Total		10767	4210.07	514.65	61.95	12	452.7	88	77.4	2	159.04

Save this report as Go Back

© Copyright Designed and Developed By National Informatics Centre, Assam State Unit, Gauhati.

NATIONAL INFORMATICS CENTRE

The SLBC web application showing Analysis of Priority Sector Advances.

of various Govt. sponsored Schemes, Crop Loan, Annual Credit Plan (ACP) etc.

VARIOUS REPORTS GENERATED BY THE SYSTEM ARE

i) Analysis of Total Priority Sector, Advances under Agriculture, Industry, Services and Crop Loan.

ii) Advances to Sensitive Sector, Other Sensitive Sector, Minorities Community.

iii) Recovery position under Swarna Jayanti Gram Swarajgar Yojana (SGSY), Prime Minister Employment Generation Program (PMEGP), KVIC Margin Money Scheme, Swarna Jayanti Sahari Rojgar Yojana (SJSRY), Transport Operator Scheme, BAKIJAI Cases,

iv) Financial position under Tea Sector and Rural Housing Scheme.

v) Financing under Self Help Group (SHG) and Housing Scheme.

vi) Finance disbursal under Micro, Small and Medium Enterprises (MSMEs)

vii) Progress under Financial Inclusion – Issue of General purpose Credit Card (GCC), Opening of No Frills Accounts, Coverage of Un banked Villages.

viii) Performance under PMEGP, SJSRY, SGSY, Transport Operator, Annual Credit Plan.

ix) Target and Achievement of Annual Credit Plan (ACP).

ELECTORAL ROLL MANAGEMENT SYSTEM (ERMS)

The Electoral Roll Management System (ERMS) enables the State Chief Electoral Office to maintain 'Electoral Roll' of the state in a standardized and uniform database as specified by the Election Commission of India. The ERMS developed by NIC, Assam in ASP.Net 3.5 and SQL Server 2005 comprises of the following modules:-

- Porting of data –The module facilitates porting of existing data from Access database to the corresponding tables of Assembly Constituency.

- Conversion of font to Unicode and Transliteration to English - To comply with the instructions of the Commission to have a bi-lingual database in all states the module facilitates conversion to Unicode compliant font using the encoding class of asp.net 3.5 and transliteration of Unicode data to English
- Summary Revision and Continuous Updation of Electoral Rolls – this module allows addition of new names to the Electoral Rolls (Form-6), deletion of existing names (Form-7), modification of existing names (Form-8) and Transposition of names within the same constituency (Form-8a) where an existing name in a polling station gets deleted and is added to a new polling station.
- Integration of Supplementary data with Mother Roll – this module integrates the supplementary data of summary revision and continuous updation with the existing Electoral Roll for publishing of final Electoral Roll.

The Chief Electoral Office has started the process of Photo merging for electoral rolls. The Kamrup



Photo Electoral Rolls Assam

Select Part No.

Photos uploaded for AC No. 94, Part No.1

Photo	Elector's S.No.	Name	Relation's Name	Age
	1	চালেয়া খাতুন	শ্রী কজল আলি	59
	2	চাহিদুল ইচলাম	ফাজল আলি	37
	3	আবিদুল ইচলাম	ফাজল আলি	35
	4	নূবন নিচা	মহঃ আৰিফ আলি	60

(metropolitan) district was first short listed for the launch as the pilot project which was later rolled out throughout the State.

The Photo Merging module developed in Asp Net 3.5 and Sql Server 2005 consists of :

- Electoral Details Form – Forms having individual electoral data (except D-voters) were generated and distributed by the Booth Level Officers (BLOs) for collection of electors photographs.
- Photo upload – After collection of electoral details form the photographs are merged with the existing electoral roll database. Photographs are captured from the form using a web cam and the software resizes the captured photograph as per the ECI specification. The photographs are uploaded in binary format with size not more than 20KB
- Report for verification of uploaded photos.
- Weekly report for monitoring progress of photo merging constituency wise.
- Printing of Electoral Rolls with photographs.

MIS FOR PPP PROJECTS

Public Private Partnerships (PPP) is about bringing together social priorities and the managerial skills of the private sector, relieving the government from the burden of large capital expenditure and the risk of cost overruns to the private sector. Instead of transferring public assets to the private sector, as in case of privatisation, the government and business work together to provide services under PPP mode. Broadly PPP refers to an agreement between government and the private sector for



Hon'ble Chief Minister of Assam Shri Tarun Gogoi inaugurated the MIS for PPP Projects on February 14, 2012.

providing public services and /or infrastructure facilities.

A web-based software (<http://misassamppp.gov.in>) was developed for the Public-Private Partnership (PPP) Cell under the Planning & Development Department, Government of Assam.

SALIENT FEATURES

- The application was developed on open sourced platform of PHP/MySQL using Code Igniter a PHP standard MVC framework which provides multiple features.
- The application maintains a directory of all the stake holders and agencies involved in the all the PPP projects.
- It enables various stake holders of the projects to upload the progress data online thus replacing the tedious and time consuming manual process.
- All the stake holders can view each other's project information without any hassle.
- The public interface of the application enables citizen to have an update on the details and progress of any project thereby bringing in complete transparency.
- The software serves as a monitoring

as well as reporting tool for the P&D Department.

- The system enables various users to submit their feedback.

Various participating government departments and private organizations have been imparted necessary training for using the application. Presently the application is available in the public domain and is fully operational.

CALL ANALYSIS AND TRACKING SYSTEM

Tracking and analysis of Mobile Phone calls of suspects plays an important role in investigation of crime and thus identifying the suspects/criminals. In order to track and contain them, the police department needs to analyze Call Detail Report (CDR) of the suspects received in varied formats from the mobile service providers. Thus availability of relevant and timely information attains utmost importance in investigation. To meet the requirement of the police department a computerized system - Call Analysis and Tracking System (CATS) has been developed by NIC, State Centre for analysis, tracking and timely retrieval of information based on CDR.

The primary objective of the system is to help the Assam Police to track and monitor the usages of mobile phone by any criminal based on the Call Detail Report (CDR) received from the mobile service providers.

The CATS uses Open Source Stack i.e. PHP technology with MySQL as RDBMS and Apache as Application Server hence providing portability.

CATs is a comprehensive and flexible phone call tracking system. It provides an integrated solution for mobile phone call analysis and tracking with:

- Conversion of Subscriber, Tower and CDR data from the excel format to CSV format for facilitating imports and export of data in a common format.

- Creation of Unified data directory with the details received from all the service providers in varied formats.

- XML based information exchange for interoperability with Google Maps.

The system is user friendly and can be operated with basic knowledge of computer. Call tracking facilitate:

- Which number was called.
- The Tower location of a caller.
- Time distribution of incoming/outgoing/SMS calls

MAIN FEATURES

- Creation of unified Mobile Subscriber's directory with the details received from all the service providers.
- Creation of unified mobile Tower's directory of the service providers with the details received from all the service providers.

- Importing CDRs of varied formats received from the service providers to a Common CDR format.

- Maintenance of suspected mobile phone numbers and IMEI (International Mobile Equipment Identity) numbers for further mapping during analysis.

- Tracking of relative position of the mobile users with the help of tower location mapping using Google map.

- Generation of dynamic reports based on time and date criterion.

- Graphical report on Call Frequencies.

- Other statistical reports.

- Comparison of any given suspect's CDR with another CDR.

- CDR archiving for future uses.

The screenshot shows the CATS 1.0 interface with a table titled 'View Imported Callers Data'. The table has columns for S# (1-4), Date (27/07/2012), Time (00:38:36, 00:41:49, 00:47:14, 00:48:37), CDR (OUTGOING), Calling No (9864142804), Caller Name (Royal Marketing Associate), Caller Address (Flat No-03 2nd Floor, Madhab Sarbar Housing Complex, Borjara, Guwahati), Called No (8731914011), Called Name (Royal Marketing Associate), and Call Addr (Flat 103 2 Floor, Madhab Sarbar Housing Complex, Borjara, Guwahati).

BENEFITS

- Respond and take immediate corrective action by tracking and analyzing the suspect's mobile call in real time.

- Monitor the movement of the suspects by mapping the tower location.

- Make assessment on the movement of the suspects by analyzing the CDR with date and time.

- Instant identification of possible contacts of the suspect with the other potential suspects either on the basis of the Mobile Number or the IMEI number.

At present there are approximately 256 lakhs subscribers and 41 thousands tower locations records available in the CATs database and utilized for CDR analysis and tracking. Presently, on an average 15 CDRs are analysed per day through the system in two different offices in Assam.

FOR FURTHER INFORMATION

Deepak Goswami

Sr. TD & State Informatics Officer

NIC, Assam State Centre

PO Assam Sachivalaya, Guwahati 781006

Email: sio-asm@nic.in

Phone: 0361-2260254