

District Patna

Fostering ICT For e-Governance With Mobile Applications

Set up in the year 1988, NIC District unit of Patna has been playing a key role in computerization, providing efficient software solutions and carrying out various ICT activities for this glorious city. Several mobile applications have been introduced to enable good e-Governance in the District.



PANKAJ KUMAR
Scientist-D & DIO
pankaj.kumar@nic.in



SANJAY KUMAR SINGH
Scientist-B & ADIO
sanjay.ks@nic.in

Edited by

PRASHANT BELAWARIAR

NIC District Centre, Patna was set up in the year 1988 and since then contributing immensely to the district in establishing computer awareness, carrying out various successful ICT activities such as facilitating computerization, providing software solutions and training to District Administration and various other government departments. Many mobile applications have been introduced for enhancing e-Governance activities of the region.

E-GOVERNANCE IN THE DISTRICT

Highlighted below are the recent e-Governance projects, products and support systems provided by NIC, Patna.

• SAMPARK

An ICT based IVRS enabled Public Grievance Redressal System, an initiative of district administration, through which any one can directly talk to concerned officer regarding their grievances. The call gets forwarded on mobile number of concerned officer based on choice opted by the caller through IVRS system. The system keeps records of all voice conversion for quality services and further verification. PRERNA (Performing Role Model for Efficient, Responsive and Noble Administration) cell established



“ To promote e-Governance and improve delivery of various citizen services to the grassroots using ICT, district administration has taken several initiatives steps including recently launched “SAMPARK: an ICT enabled IVRS based Public Grievance Redressal System” in Patna district. It gives me immense pleasure to express that we have taken an initiative in implementation of m-Governance in administration through development of various mobile applications like Aangan, Upasthiti & Swachham etc. with the help of NIC. I appreciate the efforts and proactive support of NIC district team especially in development of various inspecting mobile applications ”

SANJAY KUMAR AGRAWAL, IAS
District Magistrate, Patna, Bihar



Homepage of the website of Patna District



Aangan Mobile App

at district played a vital role in implementation of this project.

• **PDS Computerization**

The Socio-Economic Caste Census (SECC) data were accepted to identify eligible households, based on the exclusion and inclusion approach. A new list of Priority Household (PHH) beneficiaries generated on the basis of SECC data (draft & final) and Ration cards were printed and distributed.



• **Mobile based applications for reporting**

Mobile applications designed, developed and implemented for the District Administration are:

- o **E-PACS** - a mobile application deployed for sending daily procurement details from the Primary Agriculture Cooperative Societies (PACS).
- o **AANGAN** - a mobile application for capturing data from the Aanganwadi Centres by Child Development Project Officer and report back with figures, photos and location details.
- o **UPASTHITI** - a mobile-based attendance reporting system for District and Block level offices. The system captures attendance of employees, absentees and employees-on-leave along with photos of the relevant pages of attendance register.
- o **POIMS** - an online inspection

monitoring system used for sending inspection report of Public Distribution Shop directly through mobile phones. All marketing and block level officers are trained to use this application.

- o **Bank Location** - All bank branches of the district have been mapped (longitude & latitude) captured for need and reach of banking facilities through mobile application.
- o **SWACHAM** - is an online monitoring system for reporting the status of various stages of toilet construction from the site capturing real time photographs.
- **Executive Court Information System (ECIS)**- launched by the Patna Divisional Commissioner, facilitates viewing of Cause list and Case status. ECIS, which has been implemented at the District Magistrate Court, has been populated with the data of over 650 cases in very short-time. With this software, daily cause list is generated with



Patna Divisional Commissioner, Shri Anand Kishor along with Shri Rajesh Kumar Singh, SIO-Bihar during the launch of ECIS

SMS messaging facility to inform advocate and respondents.

- **Invigilator Randomization** - Exclusive software has been developed for randomization of invigilators (teachers who are deputed within their posting sub-division) for Intermediate and Matriculation Examination 2016. Database consisting of about 4000 teachers has been used for the purpose.
- **ELECTIONS:** Technical and functional support is provided for successful implementation of ELECON s/w during Assembly Election in October 2015, MLC Election in July 2015, Panchayat Bye-Election in February 2015, PACS remaining election in April 2015, for election of Bikram and Naubatpur Nagar Panchayat and for Panchayat General Election 2016. Voter list disintegration (VDLS) software was provided to create panchayat voter list ward wise. Force deployment online application is used to deploy the

police personnel at polling stations through randomization process. ELECOM (Election Communication) the mobile application is used by the media personnel and district official for information/news sharing during the election.

Webcasting of election process at Booth has been arranged with proper personnel training. Election related data uploading and online reporting (Affidavits, Expenditure of candidates etc.) through various applications namely GENESYS, Election monitoring Dashboard, DEO's portal and District Election portal has been done from NIC during Assembly Election.

CAPACITY BUILDING AND TRAINING SUPPORT

- **E-Blocks**- websites maintained and carried out various data capturing through the website URL <http://eblocks.bih.nic.in>
- **E-Labharthi**- is used to capture information such as Bank account

details, IFSC and Aadhaar number for the 6 types of Government pension beneficiaries. Provided data entry training to computer operators.

- **Saansad Adarsh Gram Yojana**- Conducted training at NIC Centre for data entry operators from different blocks for the initiative.

SUMMARY

Mobile applications and technical solutions provided to the District Administration are highly appreciated. Other important software applications, which are being used in the district, include Bhu-Abhilekh, VAHAN and SARATHI at District Transport Office, IVFRT, NDAL and e-Prisons.

For further information, please contact:
PANKAJ KUMAR
 District Informatics Officer
 NIC Patna District Centre
 District Collectorate, Patna- 800001
 Email: bihpat@nic.in
 Phone: 91-0612-2677544