Bagalkote, Karnataka
Marching towards Digital India with ICT Solutions

Edited by **REUBAN K.**

With the reorganisation of districts in 1997, the new Bagalkot district came into existence during the 50th year of India's independence. The district is located in the northern part of Karnataka. Historically, it was the homeland of the great Chalukyas. Aihole, along with Badami, emerged as the cradle of experimentation for temple architecture, stone artwork, and construction techniques. Aihole is famous for its Hindu, Jain, Pattadakal temple c and Buddhist temples whereas Badami is famous for its single stone caves carved in the period of Immadi Pulakeshin-I, along with the historic temples of Pattadakal. UNESCO has identified the Pattadakal temple complex as a World Heritage Site.

NIC Bagalkote Centre, which was established in July 1998, has completed 24 years since its inception. Over the years, it has provided many ICT solutions to district administration by developing software locally and implementing several State and Central projects.

Because of its strategic location in the District Administrative Building, NIC District Centre able to provide High Speed Net Connectivity to all departments with more than 180 nodes.

ICT Initiatives in the District

SURAKSHINI
(http://bagalkote.kar.nic.in/surakshini)

The SURAKSHINI application was designed and developed by NIC Bagalkote to monitor and protect children from child marriages. It captures the details of children's lives affected or going to be affected due to child marriage. First, the depart-

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A number of projects based on ICT have been developed by NIC Bagalkote District Centre since its inception in 1998. The Centre provides multi-faceted support to the local administration and related departments by ensuring the reach of Digital India programme upto last-mile citizen

ment makes detailed entries of child parameters to monitor their age (before / after / during marriage), address, date of marriage, marriage type (happened during individual or mass marriage), caste, religion along with other details. Then, they track various stages of the act, for example, monitoring of the child by various field officers. Software captures each activity of various officials and departments involved and also tracks the action taken by them. It helps the District Administration to stop remarriage of the child illegally and also bring awareness among the society against child marriages. The system generates various analytical reports such as abstracts indicating various category children affected, details of visits made to children by officials, so that if officials have not made any visits, the administra-

tion can take immediate action. The system also tracks and monitors FIRs filed and court cases related to children who are or crossed 18 years of age. The application has received an appreciation letter from Hon'ble Minister of Women and Child Welfare, Karnataka.

Integrated Livestock Information System (ILVS) version 2.0
(http://ahvs.kar.nic.in/ahvsmis)

ILVS is a portal to monitor activities and progress regarding the Animal Husbandry department. It captures periodic information from nearly 45000 institutions on animals treatments for various diseases, disease outbreaks, untimely death count, vaccinations (received, issued, utilised and availability in each institution), semen straws of animals (received, issued, and utilised), artificial insemination done, pregnancy, animal treated (outpatient and inpatient), castration and infertility camps held, progress in socio-economic programs, number of cows born, feed and fodder, animal slaughtered, liquid nitrogen utilised, cattle insurance, cattle deaths and village wise institution mapping. The system generates nearly 140 reports that have helped the department to regulate livestock in the state.

BTDA MIS
(https://www.btda.kar.nic.in/)

BTDA MIS is a G2C Management Information System developed by NIC Bagalkote for Bagalkot Town Development Authority. For this application, 64 sectoral maps were digitised, with a provision to capture 18000 rehabilitated families information. The allotment of sites to families was captured and updated online. The data was analysed and duplicate allotments were rectified. The maps of each site are related to each allotted family to give a clear identity to the public. The status and other details of the property sites are made available using MIS. Many other reports were also made available to BTDA. Citizens can also search information about vacant sites, site

▲ Fig. 6.1: BDTA MIS Dashboard Homepage

allotments, project displaced families (PDF) and non-PDF sites along with commercial sites. The application logic links structures and land acquisition with rehabilitation through site distribution.

The shape files of the sectors were developed to provide details at the click of a button. ASPMAP objects were used to render the maps on asp.net web forms. The asp.net web forms for data entry and local data reports were also developed for the system. The application uses a uniform master page, style and theme.

Major Projects Implemented

● eOffice implemented in District Collectorate and ZIla Parishad Office

● RCMS: Revenue Court Monitoring System

● i-RAD (Integrated Road Accident Database) Project

● KLLAD: MLA and MLC Funds Monitoring System

● RTO: Computerisation

● National Animal Disease Control Programme (NADCP): A G2G Vaccines Monitoring System

● eHospital implemented in District upto Taluka Level Hospitals

● Aahaar: It covers activities of the Food Department implemented in district. Now, training is given to change FPS to work as CSC centres

● General Elections: NIC Bagalkote provided technical support and related services during the elections. For example, polling personnel data, management polling personnel and counting personnel randomisation, party formation, training allocation, with various allied activities

● During COVID-19 pandemic, created Bed Availability Portal capturing COVID-19 Hospital and Care Centre details along with monitoring and updation of COVID report which includes new positive cases, discharged and deaths with total active cases on daily basis

● eSwasthu: Grama Panchayat Properties Computerisation and integration to land Registration Department

● Other Central and State Schemes: NREGA, Panchatantra, Nemmadhi, etc.

Important Events Organised

NIC Bagalkote provided technical support to the "Depositors First: Guaranteed Time-bound Deposit Insurance Payment up to Rs 5 Lakh," a programme addressed by Hon'ble Prime Minister Shri Narendra Modi on 12th December 2021.

Hon'ble Union Minister of State, Smt. Shobha Karandlaje, Hon'ble Member of Lok Sabha, Shri PC Gaddigoudar, Hon'ble MLA Bagalkote, Shri Veeranna C. Charantimath, and Hon'ble MLA Terdal, Shri Siddu Savadi along with bank officials from leading banks attended the programme.

Under the leadership of Shri V. Giriachar, Nodal Officer, Digital India Program, NIC Bagalkote has converted more than 130 FPSs into CSC centres at village level, and extended digital services to the

Child marriage cases were frequent in the Bagalkote District. To overcome this problem, a web portal named SURAKSHINI was designed and developed by NIC Bagalkote to protect children from the evil of child marriage. The portal tracks the visits of various officers to affected children and monitors the case till they attain adulthood. This movement has created a lot of awareness in the society and we are able to control more than 250 child marriages in last one year. I appreciate the efforts put in by NIC Bagalkot and their support which helped us to escalate the project to the state level. Now Department of Women and Child Development has to implemented this project in the entire state.

T. Bhoobalan, IAS
Chief Executive Officer
Zilla Panchayath, Bagalkote

NIC Bagalkote District Centre has played a vital role in development and implementation of various G2G and G2C eGovernance projects in the Districts. Projects like Surakshini, Revenue Court Monitoring System, eOffice BTDA MIS, and AHVS brought a lot of changes in the system to monitor and control the various activities at field level.

We are very proud that many of our district projects are escalated to state level for implementation across the state. I appreciate the efforts and commitment of NIC District Centre in providing technical support to the district administration for smooth and successful implementation of eGovernance application.

Dr. K. Rajendra, IAS
Deputy Commissioner
Bagalkote

rural masses. This has enabled the Digital India Program to reach more rural areas. A lot of efforts were put into creating an awareness on Digital Literacy through digital payments workshops and training in a phased manner with District Administration.

Accolades

● Vocational Award 2013 for contribution in Information Technology to the district by Rotary Club, Bagalkote

● National Award in recognition of Exemplary Services towards Digital Payment Initiatives

● A letter of appreciation for BTDA MIS web application by the State Government of Karnataka

Way Forward

In order to realise the dream of Digital India given by Hon'ble Prime Minister of India, Shri Narendra Modi, officials at NIC Bagalkote District Centre are working together while discovering new ideas to drive innovative solutions and provide next-generation digital services to citizens.

Contact for more details

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