

# District Mahabubnagar, Telangana

Setting new horizons towards digital empowerment and enhanced e-Governance

NIC Mahabubnagar District Centre has been spearheading the implementation of ICT services in the District with great zeal, thereby helping the District Authorities establish a better connection with citizens. A number of projects, speeding up e-Governance in the District, have also helped citizens find a faster way of approaching the authorities and getting quick resolutions.

Edited by  
**REUBAN K**

Mahabubnagar is the largest district of Telangana State in terms of area covered and is also known as Palamoor. Mahabubnagar district headquarters town was named after Mir Mahabub Ali Khan, the Nizam of Hyderabad. It is bounded on the north by Ranga Reddy district of Telangana, on the east by Nagarkurnool district of Telangana, on the south by Wanaparthy and Jogulamba-Gadwal districts of Telangana and on the west by Raichur and Gulbarga districts of Karnataka State.

Beautiful temples, forts, museums, backwaters and other attractions in the District make it one of the most desired tourist attractions in South India. While the District already enjoys a thriving tourism economy, the District Authorities have also been consistently engaged in the enhancement of citizen-centric services. It is noteworthy that NIC Mahabubnagar District Centre has been dedicatedly working with the Authorities in the implementation of ICT services, thereby contributing to better e-Governance in the District.

## ICT Initiatives in the District

### District Website

NIC Mahabubnagar District Centre undertakes the regular maintenance and updation of District Administrations website (<https://mahabubnagar.telangana.gov.in>), as per the latest information received from the District Administration. Mahabubnagar District was conferred with 'Webratna District – Gold' award in Digital India Awards 2018 ceremony held in New Delhi on 22nd February 2019. The Award was presented for newly improved bilingual (English and Telugu) website, based on S3WaaS (Secure, Scalable and Sugamya



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NIC Mahabubnagar District Centre is playing a key role in the implementation of eOffice Project in all the Departments of Mahabubnagar and is active in the promotion of e-Governance. The Centre's determination and initiatives taken in Mahabubnagar have created a conducive atmosphere for the implementation of several e-Governance projects and paved the way for the District Administration to do more in this area by providing accurate, transparent and responsive informatics services to the District.

The keenness and proactive support from NIC officials to roll out various e-Governance projects, sharing of government information through the District website and active support during General Elections have been quite commendable.

I appreciate their efforts and regular contributions towards the promotion of ICT culture and making e-Governance a true success in the District. The District unit of NIC has taken significant strides since then and helped the District Administration in bringing about a qualitative change. I really look forward to the NIC team to act up to highest level by their sincere and strenuous efforts and wish them all the best in their present and future assignments. This was possible through collaborative efforts of District Administration and NIC.

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Shri D. Ronald Rose, IAS and NIC Officials during Digital India Awards 2018



Inauguration of eOffice at District Chief Planning Office

Website as A Service framework). The revamped website provides enhanced user-friendly functionalities and interfaces, in compliance with the Guidelines for Indian Government Websites (GIGW) standard website norms and robust security standards.

Shri D. Ronald Rose, IAS, District Collector, Shri. M. Satyanarayana Murty, District Informatics Officer and Shri. Ravi Bandi, Additional District Informatics Officer, received the award from Shri Ravi Shankar Prasad, Hon'ble Union Minister of Electronics & Information Technology and Law & Justice.

Some of the salient features of the website are:

- Contemporary look and feel
- Responsive design
- Sugamya easy accessible
- Infrastructure included
- Seamless cyber security
- Standardised information architecture
- Easy content management system

### eOffice

eOffice (<https://mahabubnagar.eoffice.telangana.gov.in>) has been implemented at 55 departments of Mahabubnagar District. The new eOffice system is an integrated file and records management system that allows employees to manage content, search for data internally and collaborate. The file system also enables electronic movement and tracking of files, along with the archival and retrieval of data. Training on eOffice has been provided by Shri Ravi Bandi to seven Probationary/ Trainee IAS Officers from 2016 Batch, along with District Collector and Joint Collector, Mahabubnagar.

Mahabubnagar is the first District in Telangana State to implement eOffice at more departments.

### e-Hospital

An innovative ICT-driven solution for hospitals, e-Hospital (<http://ehospital.gov.in>) is a Hospital Management System, specifically meant for hospitals in the government sector. This generic software covers major functional areas such as patient care, laboratory services, workflow based document information exchange, human resource and medical records management of a hospital. It is a patient-centric system rather than a series of add-ons to a financial system.

e-Hospital has been implemented at Government General Hospital, Mahabubnagar, Area Hospital, Narayanpet and Community Health Centres of Kosgi, Makthal, Badepally and Koilkonda right from 24th April 2017.

### Mahabubnagar District Mobile App

Released by Mahabubnagar District Administration, Telangana State, Mahabubnagar District's Mobile Application aims to provide citizens with a tool to connect and interact with the District Authorities. Developed with technical support from NIC Mahabubnagar, the Android application has dual language (English + Telugu) functionality, and it can be used for accessing information about the District like District Administration, contact numbers, tourism around Mahabubnagar etc.

Citizens can explore the Messages section to receive important updates, news alerts, announcements etc., sent by Mahabubnagar District Administration. The information centre is a handy feature that enables the browsing of all the important information and resources about the District and provides access to the contacts of District

Officials, offices etc., directly through the App. The Feedback and Suggestion section helps citizens post complaints, feedback, issues and suggestions, along with photographs, to concerned authorities in just a few clicks. The App can be downloaded from Google Play Store, and it has over 5000 users as on date.

### DM-Dashboard/ Darpan

A dashboard showing an analytical view of projects, Darpan (<https://ts.dmdashboard.nic.in>) is meant to provide the District Administration the status of different departmental activities with architecture for presenting dashboard in respect to the monitoring of schemes at District level. The dashboard architecture has been hosted on common framework for the entire country. The District Collector can monitor activities of all the departments by using DM Dashboard Login i.e., Telangana DARPAN.

### Land Records Updating Programme

NIC Mahabubnagar District Centre helped the District Administration in the Purification of Land Records and technical training on the same has been provided to various revenue teams.

### Digital India Activities

- NIC District Centre plays a major role in increasing computer awareness among government staff and providing them training for an effective utilisation of government facilities. Workshops, training programmes and multimedia presentations are conducted on regular basis.
- A large number of trainings on cashless transactions have been organised for employees and students to promote digital payments.

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• Digital India Week celebrations and Digital India Outreach campaigns have been undertaken.

### Aadhaar Enabled Biometric Attendance System

Aadhaar Enabled Biometric Attendance System (AEBAS) (<http://tsmbn.attendance.gov.in>) has been implemented for all the employees at the Collectorate Complex, Mahabubnagar and all mandals of the District. As part of the Digital India initiative of the Government of India, it has been decided to implement common Biometric Attendance System (BAS) in the government offices. The proposed system would enable employees to register attendance by simply presenting their biometric (finger prints/ iris). This event will be authenticated online after one to one match with the biometric attributes stored in the UIDAI database against the employees' Aadhaar numbers. Efforts are being made to implement AEBAS in all departments and government schools of the District.

### Jeevan Pramaan

A biometric enabled digital service, Jeevan Pramaan (<https://jeevanpramaan.gov.in/>) is meant for the pensioners of Central Government, State Government or any other government organisation, and it uses Aadhaar platform for their authentication. A successful authentication generates Digital Life Certificate, which gets stored in the Life Certificate Repository, and the Pension Disbursing Agencies can access the certificate online.

### e-PDS

Public Distribution System (PDS) facilitates the supply of food grains and distribution of essential commodities to a large number of poor people through a network of Fair Price Shops at a subsidised price on a recurring basis. Point of Sale (POS) Machines have been installed at all the Fair Price Shops.

Mahabubnagar District is the pilot District of Telangana State to implement e-POS. (<http://epds.telangana.gov.in/FoodSecurityAct/>) (<http://epos.telangana.gov.in/e-PoS/login.html>)

Following are the benefits of the system:

- Accurate and real time information

- Elimination of PDS exploitation
- Paperless operations
- Daily status of consumption and inventory of commodity
- Awareness among citizens on PDS
- End to end monitoring on PDS leading to efficient consumption

### NDAL and ALIS

National Database of Arms Licenses (NDAL) is a software used to maintain the centralised database of arms licenses issued all over India.

The issuance of arms license and other services related to it are among the important tasks of a District Magistrate. Maintaining the records of arms license issued by the District Administration is important as they need to keep track on issuing the license in terms of person and purpose of license. As the manual system of record keeping is cumbersome and time-consuming, Arms License Issuance System (ALIS) has been developed as per the requirements of the District Administration.

Following are some of the features of the software:

- Submission of application at a single counter
- Delivery of license and related services from the same counter
- Acceptance of government fee at ALIS counters
- Online capturing of photograph of the applicant
- Workflow based system
- Automatic check on the ceiling of number of weapons
- Re-engineered government process
- Provision of generating licenses on stickers in duplicate (one for license, other for record)
- Provision of generating stickers for renewal of weapons, deletion of weapons, addition of weapons etc., in duplicate

### eCourts/ Judiciary Department (<http://ecourts.gov.in>)

Under the National e-Governance Plan (NeGP) of the Government of India, NIC District Centre is playing a vital role in the implementation of eCourt system, video conference system, LAN in court premises, uploading of data, arrangement etc. The

District Centre coordinated for the networking issues and provided complete technical support.

### SPARROW

(<https://sparrow.eoffice.gov.in/>)

Smart Performance Appraisal Report Recording Online Window (SPARROW) is an online system based on the comprehensive performance appraisal dossier that is maintained for each member of Service by the State/ Central Government. The system facilitates electronic filling of PAR by officers in a way that is not only user-friendly but also allows to fill from anywhere, anytime, as per their convenience. NIC Mahabubnagar District Centre provides technical support in SPARROW to the District Collector and the Superintendent of Police.

### e-Laabh

(<http://elaabh.telangana.gov.in/>)

A web-based Benefit Management System, e-Laabh has been designed for the welfare of dairy farmers and fishermen for sanction and release of subsidy under various schemes offered by the Government of Telangana in a highly objective and transparent manner. The dairy farmers and fishermen need to register their details as a one-time measure and then apply for various schemes as per their eligibility through this online system.

### Rashtriya Bal Swasthya Karyakram (RBSK)

(<http://rbsk.telangana.gov.in/>)

Rashtriya Bal Swasthya Karyakram (RBSK) is a new initiative that aims at early identification and early intervention for children from birth to 18 years age to cover 4 'D's, viz. defects at birth, deficiencies, diseases, development delays, including disabilities. It is noteworthy that 0 - 6 years age group will be specifically managed at District Early Intervention Centre (DEIC) level, while for 6 -18 years age group, management of conditions will be done through existing public health facilities. DEIC will act as referral linkage for both the age groups.

The first level of screening has to be done at all delivery points through existing Medical Officers, Staff Nurses and ANMs. After 48



Shri D Ronald Rose, IAS, receiving Gem of Digital Telangana Award for eOffice Implementation in Mahabubnagar District



Shri D Ronald Rose, IAS, and NIC Officials receiving SKOCH Order of Merit Award for eOffice Implementation in Mahabubnagar District

hours till 6 weeks, the screening of newborns will be done by ASHA at home, as part of HBNC package. Outreach screening will be done by dedicated mobile block level teams from 6 weeks to 6 years at anganwadis centres and 6 - 18 years children at school. Once a child is screened and referred from any of these points of identification, it would be ensured that the necessary treatment/ intervention is delivered at zero cost to the family.

NIC Mahabubnagar is providing technical support to the District's Health Department for the implementation of RBSK Project.

### Other Districts Support

Support is being provided to other four newly formed districts, Wanaparthy, Nagarkurnool, Gadwal and Narayanpet to implement all the e-Governance projects, belonging to State and Central Governments.

### Mee Seva and Common Service Centres

Necessary training and support is being provided to Mee Seva and Common Service Centres (CSCs) to implement and set up CSCs, Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA) and National Knowledge and Innovation Centre (NKIC). As on date, more than 400 CSCs have been set up in Mahabubnagar District.

### e-Governance/ Email facility/ Video conferencing/ Websites development

District Informatics Centre (DIC) helps in the proper implementation of various national level and state level software in the districts. Some of the software developed at DIC are also implemented. DIC also computerises many activities, required by

the Collectorate. NIC Mahabubnagar is providing technical support for studio quality based video conferencing facility. This is being availed by various departments to interact with their higher officials. NICNET services are also being provided for data transmission from District to various government departments. Video Conferencing facility is functioning on 34 MBPS Leased Line.

### Prajavani (<http://cpgrams.ts.nic.in>)

An Online Grievance Redressal System, Prajavani enables citizens to lodge grievances to any government department. All the petitions are received by the Collector and forwarded to various HoDs, and the status of each petition can be monitored regularly by the Collector. Usernames and passwords have been created for all the departments and officers to monitor Prajavani. Several training programmes have been conducted for all the computer operators and dealing assistants of all the departments who are using Prajavani.

### Election Computerisation

NIC Mahabubnagar has always played an important role during the Assembly Elections and Lok Sabha Elections. Polling Personnel Management System software, provided by NIC, Telangana State Centre, was implemented for the randomisation of polling personnel to various booths for Telangana State Assembly Elections 2018. During elections, NIC District Centre provided necessary support for the computerisation and online transmission of various reports to the Election Commission of India (ECI).

The deployment of polling personnel and counting personnel after randomisation is

carried out as per ECI guidelines during the election period. A software has been developed for EVM randomisation, and the District Centre also facilitates and ensures online transmission of 'counting and results data' to ECI during elections.

Training has been provided to actual users on Suvidha - for political parties for various permissions online, Sugam - Vehicle Management System, Genesys - General Election System for Pre and During Counting of Votes, National Grievances Redressal System for election related complaints from citizens and cVIGIL Mobile App implementation for complaints on Moral Code of Conduct (MCC).

### Accolades

- Webratna District - Gold award to Mahabubnagar District in Digital India Awards 2018
- Gem of Digital Telangana Award 2017 and SKOCH Order of Merit Award 2018 for eOffice Mahabubnagar

### Summary

NIC Mahabubnagar has been successfully leading the implementation of various e-Governance projects. The District Administration is now fully aware of the potential of informatics and approaches NIC District Centre for various ICT services. ■

For further information, please contact:

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