e-INDIA Innovation Award
for Exemplary Meritorious Services Towards Election Reforms in
U.P. Assembly Elections – 2017
3rd March'2017 at Jaipur, Rajasthan

NIC UP received e-INDIA Innovation Award for providing Comprehensive IT Solutions in the form of Seven Web applications along with Seven Mobile Applications for UP Assembly Election – 2017. The Dual RAINBOW Applications provided by NIC UP contributed enormously to transparency and credibility of the electoral processes. The Award was felicitated to CEO-UP & NIC UP by Hon'ble Minister of State for Electronics & Information Technology **Shri P. P. Chaudhary** on 3rd March'2017 at e-INDIA Innovation Submit, Jaipur Rajasthan. The award was received by **Dr. Saurabh Gupta**, **SIO-UP**.

(Dr. Saurabh Gupta, SIO-UP. receiving the Award)

चुनावी हलचल

अवार्ड ग्रहण करते टी.वेंकटेश (दाहिने) और अनिल गर्ग (बाएं से तीसरे)

मुख्य निर्वाचन अधिकारी टी. वेंकटेश और अनिल गर्ग को मिला अवार्ड

लखनऊ। यूपी विस चुनाव में सूचना प्रौद्योगिकी का बेहतरीन हस्तेमाल कर अनुकरणीय

आईटी व इलेक्ट्रानिक्स मंत्रालय के राज्यमंत्री पीपी चौधरी ने यह अवार्ड प्रदान किया। अवार्ड प्राप्त होने पर

Brief Description of the DUAL RAINBOW Applications

There are 14.12 crore voters and approximately 1.5 lakhs polling stations in UP. The number of polling personnel attached to the election process amounts to more than 10 lakhs. Due to these applications, the information required by ECI from CEO & DEO in pre polling days, polling days, and after the polling days about minute details from the polling stations is provided efficiently.

MOBILE APPLICATIONS	WEB APPLICATIONS
M-VOTER - App has been implemented to make available all the information required by voter at one place. This app facilitates citizens to search their name with the information of their polling station and voter serial number in voter list. This app helps the Citizens to locate their polling booth on map. Voters can also get the information about the assembly wise contestants by using this app. User can download the booth wise voter list on their mobile and can send the feedback and suggestions to us also.	**SAMADHAN** – is an online integrated and centralized portal for receiving complaints related to election and effective management, disposal and monitoring of these complaints by district election officers. The application creates an environment where a citizen can freely and conveniently file a grievance and receive response to his satisfaction both in terms of quality and time. The complainant can track and see the Action Taken Report on his complaint. More than 15,000 complaints are received during election.
AMF - To encourage general public to exercise their right to choose government, it is very important to assure that the place where they visit to cast vote is well equipped with all basic facilities. The AMF mobile app has been developed to upload the facilities including Toilet, Electricity, Shade, Ramp, Telephone, Water and Furniture of assembly's polling stations using a Smart phone. While capturing the photograph, latitude and longitude of the location as well as date and time stamp is recorded automatically and gets uploaded on the central server. The uploaded data is available to the district officials to saturate the deficient polling stations facility wise.	**SUGAM** - is a web application for acquisition and allotment of vehicles. It provides us online platform for registration of all acquired vehicles with their registration number, owner's name and address. We can also enter the detail of drivers of all acquired vehicles. Allotment of vehicles to all officers, zonal / sector magistrate, video teams, police etc is done through this software. It also provides us the feature to keep track of fuel consumptions throughout the election process. More than 2 lacs vehicle were acquired and around 40,000 vehicles were allotted.
Monitoring of L&O – Law and order app As per the Directives from Election Commission of INDIA, Daily Information of the Law and Order issues should be provided by the District Level Police officials (SSP/SP) on the prescribed format. Information of seizures of unlicensed Arms/ Weapons/ Cartridges/ Explosives/Bombs are available on this APP as provided by SSP/SP ✓ Information of Illicit Arms manufacturing centers raided and seizures made ✓ Information of Deposited/Impounded & Cancelled Licensed Arms ✓ No. of Cases (Persons Bound Over and Down Under) put up Under Preventive section ✓ Execution and Pendency of non-bailable warrants ✓ No. of Incidents of violence/Killed/Injured and property Damaged Related to Poll Campaign ✓ No. of Incidents Occurred under atrocities Act 1989 during election ✓ Information Regarding Vulnerable Hamlets	**SUVIDHA** - is an online portal to provide interface to political parties and contesting candidates to apply online for permission of various election related activities, and to the Returning Office (RO) for granting permission to the applicants online. This online solution has ensured transparency and timely granting of permissions for the requests made by the contesting candidates. Every activity has some specific number of forms which are to be filled by the applicant. and duly signed and scanned copies of these forms have to be uploaded by the applicant at the time of applying online for permission. These forms are exclusively available on this portal so that the applicant may download for filling and uploading. The RO grants permission to the applicant after verification of application forms and availability of facility requested by the applicant. Once the permission is granted by the competent authority, the information is sent to the applicant through SMS and the signed copy of permission is made available on the website. More than 50,000 permissions have been sanctioned by using this application
ERMS - Mobile App has helped to bring the transparency in the revision process. This app facilitates the political parties and citizens to keep an eye on the revision process as booth wise information of addition and deletions with the name of persons are available in their hand	**ERMS** - is the Electoral Roll Management System which is used for catering of all the activities related with the electoral roll activities like addition, modification and deletion of the electors during the summary revision and continuous updations, printing of voter list and voter slips. This time we have launched

	the online search engine to facilitate the voters to search their name in electoral roll. More than 33 lakhs hits were recorded during election process.
BOOTH DIARY – This App facilitates the District Election office to manage the electoral activities of polling stations in better way. ✓ Polling Station Basic Information ✓ Electors Information ✓ Assured Minimum Facilities ✓ Law and Order Information ✓ Officer's Information ✓ Communication Plan	**PDMS** - SMS based Poll Day Monitoring System enables continuous data collection of poll status on pre-poll day and poll day from every Polling Station through registered mobile number of the presiding officer and first polling officer. The Chief Electoral Officer of UP and all the districts have been provided dashboards for monitoring the progress of voting of all the seven phases of Uttar Pradesh Assembly Election 2017. The implementation of PDMS enables us to get the accurate and timely information of poll day events, starting from the information of safe arrival of polling party at polling stations, conduct of mock poll, start of poll , the polling percentages every two hour on the polling day, voter turn out at the end of poll and finally the status of deposit of the EVM at the receipt centres. Sector Magistrates have monitored the progress of information flow through the mobile app given to them.This System also helps the district administration to take the timely action on occurrence of any disruption like EVM failure or any issue of law and order during poll day.
Model Code of Conduct - MMC comes into immediate effect after announcement of polling dates by the ECI. The App is developed to get the information about the violation of MCC so that the authorities may take immediate action. ✓ There are 3 forms available on DEO portal where the district police chiefs enter information daily ✓ Form-1 (Wall writings, posters, banners, cases lodged) ✓ Form-2 (Misuse of Vehicle, Violation of Loudspeaker, Illegal meetings/speech, Inducement to Electors. ✓ Form-3 (ATR - of MCC Complaint)	**EPDS-Online** is an online applications for both polling and security personnel for creation of comprehensive database of Government Employees who are deployed in election duty. As per the instructions of ECI, DEO-wise database, of all eligible poll/counting personnel is maintained in electronic format, which facilitated computerized randomization. All relevant particulars like Name, Sex, Designation, constituencies of residence, work place & home, Name of Office/Department/Institutions, Salary details, EPIC details, Bank account details and other required information is entered online by the respective head of office/department. The online data entry of approx 15 lacs employees for polling personnel and approx 3 lacs of security personnel was completed within a month.
M-SAMWAD For effective and efficient monitoring and faster disposal of the election related activities, the establishment of faster and effective communication channel among the concerned officers should be very strong. To make the Communication Faster and easy, a mobile APP m-Samvaad has been developed the M-SAMVAAD App facilitates Communication between following Officers - ✓ District Electoral officer (DEO) ✓ Dy. DEO ✓ Zonal and Sector Magistrates ✓ SSP/SP ✓ Returning Officers (RO) ✓ Additional ROs (ARO) ✓ Electoral Roll Officers (ERO) ✓ Presiding officers (PO) ✓ Booth Level Officers (BLO)	**EPDS-Offline** This application has been designed and developed as per ECI's guidelines and compendium of Returning Officer's handbook and then implemented in entire state of U.P. in Assembly Election 2017. It handles the functionalities like randomization and formation of polling parties and counting parties; randomization and deployment of Micro Observers. It also helps in generating the election orders for individual parties and attendance sheet for various constituencies etc. The application engine is capable of randomizing data at three different stages for polling party and counting party formation. It is a centralized web based application with discreet business/process flow. The security features enable data secrecy, transparency and fair deployment of personnel. The application has provision to generate a number of check lists and reports for increased convenience and operational efficiency.