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**Launch of COVID 19 Vaccination program by Hon'ble Prime Minister**



A 51-year-old sanitation worker at Dr. B R Ambedkar Memorial Hospital, Raipur became the first person to get vaccinated against Covid-19 in Chhattisgarh.

“Some people want it to happen, some wish it would happen, others make it happen.”  
 - Michael Jordan

Hon'ble Prime Minister launched Covid-19 Vaccination programme on the 16<sup>th</sup> January 2021. Two Medical colleges/Hospitals of Chhattisgarh namely Dr B R Ambedkar Memorial Hospital Raipur and Maharani Hospital, Bastar were connected over VC. Video feeding from these two locations were done for the whole day. Hon'ble Health Minister Chhattisgarh, Director Health and Collector Raipur were present during the session. Other Medical colleges / Institutes witnessed the event through webcast.

**InSight District Portals Certified as Accessible Website (CAW) by STQC**

District Portal plays an important role in dissemination of information to Citizen in many ways. It is important to make sure that the portal meets WCAG and GIGW guidelines. Such compliances will Improve the overall usability quotient and technical competence of the website vis-à-vis International Standards and facilitate websites in achieving citizen-centricity while providing anytime anywhere delivery of government information and services. District Portals of Raipur and Bilaspur districts are recently certified as CAW (Certified Accessible Website) by STQC. The portals provide information related to About the Districts, Directory (Public Utility Information), Notices (Events, Recruitment, Tender, Announcement), information related to various Govt. departments. District level online applications like Corona Guidelines, Citizen services (Caste Certificate, Marriage Registration, Property Tax payment online, Electricity Bill payment, Telephone Bill Payment, Polling Station List, Search name in voter list etc. During Covid19, district portals were updated with many citizen centric information like check your Covid test result, Covid19 hospital Bed status, CM Relief fund details for collecting fund, “Donation on Wheels” campaign initiated by District Administration to collect food grains and other daily needs from door to door on request etc.



Announcement), information related to various Govt. departments. District level online applications like Corona Guidelines, Citizen services (Caste Certificate, Marriage Registration, Property Tax payment online, Electricity Bill payment, Telephone Bill Payment, Polling Station List, Search name in voter list etc. During Covid19, district portals were updated with many citizen centric information like check your Covid test result, Covid19 hospital Bed status, CM Relief fund details for collecting fund, “Donation on Wheels” campaign initiated by District Administration to collect food grains and other daily needs from door to door on request etc.

**Launching of video on “NIC Chhattisgarh – ICT support during Covid-19”**

NIC Chhattisgarh has accepted the challenge of Covid-19 pandemic situation and stood by the government in shouldering the responsibility of extending the services with innovative technological solutions. The initiatives taken in the sectors of Health, Education, Labour, Food supplies, Skill Development & Employment, Election, Home, Finance, Judiciary etc. have been captured in the documentary video titled “NIC Chhattisgarh – ICT support during Covid-19”. The services extended 24 by 7 for Messaging, Studio based as well as web-based Video Conferencing, email, NKN Connectivity etc. have been covered. Sh. Anbalgan P. IAS, Secretary, Labour, Tourism and Mining, Govt. of Chhattisgarh launched the video on the 9<sup>th</sup> February 2021 in the presence of all officers of NIC. All District units were connected virtually. Secretary appreciated the effort of NIC in maintaining seamless operations of all eGovernance services which empowered the State Administration during lockdown situation.



Video Conferencing

**Martyr's Statue Unveiled Online**

On the occasion of Republic Day celebrations, the statue of the martyr Mr. Humeshwar Kurre was unveiled online from the main function stage by the Chief Guest, Hon'ble Shri T.S.Singhdev, Minister, Panchayat and Rural Development Department and Health and Family Welfare Department, Government of Chhattisgarh.

The martyr's statue was installed at his village Parasabhadar, District Balodabazar. All the technical arrangements related to the unveiling of the statue were made at both places by NIC District Centre, Balodabazar - Bhatapara. At the main venue 8 MBPS Internet connectivity and at remote site 2 MBPS Internet leased line was provided. Both sites were connected through NIC Video Conferencing System and the proceedings were projected on a large screen. District NIC team was available for technical support at both the locations.



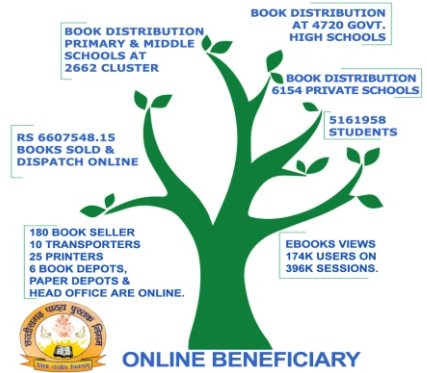
**eGov Products** **Intelligent & Integrated Book Printing & Distribution Process Management System** (<https://tbc.cg.nic.in>)

Books play a very important role in everyone's life, especially in students' life. Dr. A.P.J. Abdul Kalam said –“Learning gives Creativity, and Creativity leads to Thinking, Thinking provides Knowledge, Knowledge makes you Great.” Quality and Timely delivery of textbooks to all schools and students was the foremost priority of Chhattisgarh Text Book Corporation (CGTBC). With the help of NIC, Chhattisgarh an IT landscape was conceptualized in 2016 and implemented.

All sections of CGTBC like Book Depot, Paper Depot, Book Printing Press, Transporters, Paper Supplier & Book Seller etc. have separate roles in the application. 2.58 crores books are printed and distributed per annum.

**Solution Facilitates**

- Preparation of estimate for book printing for Next year
- Paper Procurement in the form of Reel and Sheet
- Book Printed and Paper Used status from Printer
- Challan generation for supply of books
- Dispatch of books through transporter
- Tracking of all work orders and dispatch orders etc.



All books for class 1-10 have been made available online in the form of e-book through the Corporation's website. This became very useful for teachers and students at the time of the Covid-19 pandemic. More than 136 eBooks are designed in flip book format which is convenient to read and provides much faster view due to page by page loading. About one lakh seventy four thousand people used this facility through the website.

The facility of online purchase of books has been made available. In 2020 the Corporation sold about 67 lakh worth of textbooks of class 11 and 12 through the portal.

**AppScope** **e-Kosh Lite (4.2 Rating) – More than One Lakh users across the state**

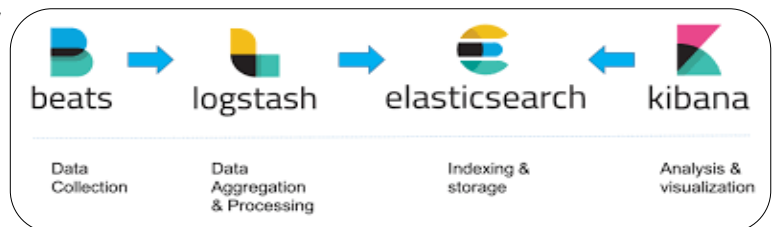
e-Kosh Lite mobile app developed for Chhattisgarh Finance Department, is being extensively used by state government Employees (**Karmchari Mitra**), Pensioners (**Pensioner Corner**), eChallan users (**eChallan Corner**), and all registered Vendors (**Vendor Corner**) of Chhattisgarh. **Karmchari Mitra** enables Government Employees to view and download their pay slip and status of their bills of GPF Advance, Medical Bill and Festival Bill.

**Pensioner Corner facilitates all** pensioners of Chhattisgarh to get their pension payment order, track their pension case, covering letter of bank and pension payment slip. **eChallan Corner** users can get their eChallan Status, Download Receipt on the basis of Treasury Reference Number. **In Vendor Corner all** registered vendors of Chhattisgarh can view their payment Status.



**TechNICa** **Elasticsearch**

In the last fifteen years, Government of Chhattisgarh has computerised many of its departmental processes. As a result large databases have been created with crores of records. In the current scenario, systems capture many data items, some entered by users as part of transactions, some created automatically by the system while the transaction is taking place. The data analytics of these crores of records and its visualisation for easy comprehension is the need of the hour. Here is an open source tool 'Elasticsearch' which is a distributed, free and open search analytics engine for all types of data including textual, numerical, geo spatial, structured and unstructured. Elasticsearch can take data from multiple sources. Elasticsearch processes the data and keeps it in indexed form so that users can run complex queries against their data and can get the results at high speeds. 'Kibana' is an associated tool with Elasticsearch to create powerful visualisations and dashboards. As an example, Chhattisgarh Paddy Procurement Process has been computerised for last 13 years, each year's data in a separate database. In Elasticsearch, one can have all 13 years' data and analyse year wise changes and anomalies can be combined Paddy, Land records and PDS data can be combined to have a dashboard with visualisations. Elasticsearch is very useful in analysing system log data, error data to find out the patterns and anomalies.



Elasticsearch can be implemented at no cost and NIC, Chhattisgarh has the capacity to build dashboards and create data analytics.



**Quintessence** Digital India Awards 2020 - Honouring Exemplary Initiatives in Digital Governance



The sixth edition of the Digital India Awards 2020 ceremony was held on 30th December 2020 at VigyanBhavan, New Delhi. To promote more innovative Digital Governance initiatives, Digital India Awards have been instituted under the ambit of the National Portal of India. The awards acknowledge exemplary initiatives/practices of various government entities in the realm of Digital Governance.

The Chief Guest of the event, Hon'ble President of India, Shri Ram Nath Kovind graced the occasion. The Guests of Honor were Shri Ravi Shankar Prasad, Hon'ble Union Minister of Law & Justice,

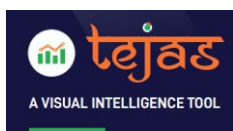
Communications, and Electronics & Information Technology, and Shri Ajay Sawhney, Secretary, Ministry of Electronics & Information Technology.

In the welcome speech, Dr. Neeta Verma, Director General, National Informatics Centre said that we gathered to celebrate exemplary achievements in Digital governance. She welcomed the Hon'ble President of India to confer the Digital India Awards. In his address, the Hon'ble President of India congratulated the winners for their extraordinary service during the pandemic. He said such awards are the testimony of how Digital India bridged the digital divide and brought in digital inclusion during the challenging times. He complimented NIC and MeitY for organizing Digital India Awards to recognize the noteworthy and sustainable digital-governance initiatives by government entities.

Shri Ravi Shankar Prasad, in his speech, mentioned that it is a mark of great accomplishment that the Digital India Awards are being conferred "digitally". He appreciated that the IT Sector significantly rose to the pandemic. He said that the Digital India ecosystem delivers very effectively and substantially. Digital India Awards give us the encouragement and dedication to work with getting the conviction. Digital India Awards 2020 bestowed 24 awards across 7 categories including Jury's Choice of Awards. The Awards categories were Innovation in Pandemic, Excellence in digital Governance- Ministry/ Department, Excellence in Digital Governance - State /UT, Excellence in Digital Governance - District, Open Data Champion, Exemplary Product, and the Jury Choice.

**Resonance** Tejas - A Visual Intelligence Tool

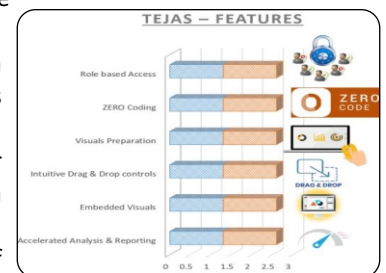
Tejas is an Easy, Powerful, Affordable, Analytics tool, created jointly by Centre of Excellence for Data Analytics (CEDA), NICS and Tejas Division, NIC. It provides critical business insights into the available data. It is a complete data preparation and analytics platform which is "Easy to Use with the Power to Integrate All Data Types".



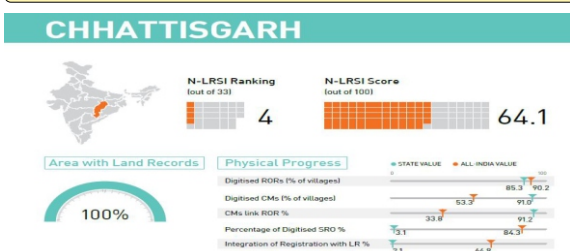
Successful implementation of Digital India requires better data management. Better visualizations lead to better decision making. It is Scalable, Built for cloud and available on SaaS model.

A demo portal has been made available to facilitate trainings and hands-on sessions. For actual data analysis and visualizations, one can visit [tejasvi.gov.in](http://tejasvi.gov.in). For availing Tejas as a Service, one needs to register on [cloud.nicsi.nic.in](http://cloud.nicsi.nic.in).

The tool lets the users easily create & publish interactive BI dashboards. Democratization of Data Science through Tejas allows non-technical users to produce actionable analysis and insights.



**NCAER Land Records and Services Index (N-LRSI) 2020- Chhattisgarh is in 4<sup>th</sup> Rank**



National Council of Applied Economic Research (NCAER) in its survey for Land Records and Services Index (N-LRSI2020) ranked India's States and Union Territories on the extent of digitization of Land Records and Registration process, and the improvement in key citizen services and quality of Land Records brought about by it. Chhattisgarh has secured 4th position according to the survey. (For details visit <https://www.ncaer.org/NLRSI/index1.html>)

**District InFocus Mahasamund – Committed towards Digital Governance**

**Mahasamund District:** comprise 5 tehsils and 3 sub divisions, 545 Gram panchayats and 3 Nagar palikas, 3 Nagar panchayat and 1153 revenue villages. According to the 2011 census, the population of Mahasamund district is 10,32,275. Tourist sites in and around Mahasamund include Sirpur, the ancient capital of South Kosal, famous for its Lakshman temple, Buddha Vihar and many archaeological sites.

**District Web Site:** The Mahasamund district website is re-designed by implementing the Secure, Scalable and Sugamya as a Service (S3WAAS) platform and steps taken to cover all important information of the District.

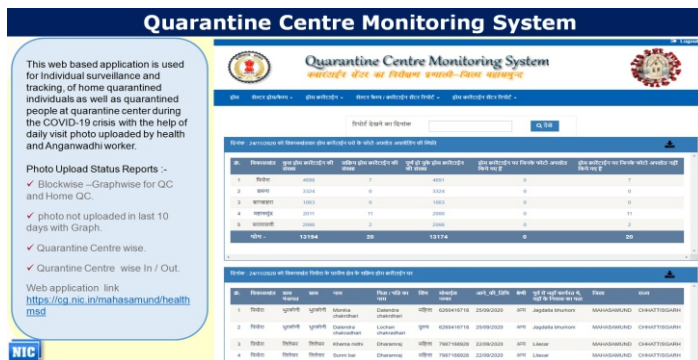
**“CG-AWAAS” : Single Window System for Colonizer**

This web based applications is used for development of residential colonies. Capacity Building programme for stakeholders was organised.

Since its inception in 1998, NIC Mahasamund has played a pivotal role in implementation of various ICT Projects in the district. Many G2C and G2G services like, RATI-RTPCR app, ICMR Portal, e-Hospital, NDAL-ALIS (Arms Licensing Information System, PDS, Vahan&Sarathi, Bhuiya, Bhu-Naksha, e-Kosh have made the lives of common people easier and have facilitated the district administration to carry out the monitoring and development tasks in a smooth manner.

**Photo-walaTracker : Quarantine Centre Monitoring System**

For Individual surveillance and tracking, of home quarantined individuals during the COVID-19 crisis, District Mahasamund has deployed an ingenious mechanism, which integrates the efforts of field level health staff with an online, (web-based data entry and photo uploading) simple-to-use facility. Tracking persons with foreign, inter-state as well as intra-state travel history, Home quarantining them as per established protocols, Followed by daily visits by field level health staff and upload photo by using Web application 'Photo-wala Tracker : Quarantine Centre Monitoring System' designed and developed by NIC District Centre Mahasamund. All the Reports available in portal (<https://cg.nic.in/mahasamund/healthmsd>) are responsive and can be viewed on mobile.



**VHSND Monitoring system:** VHSND is to be organized in every village once in a month at the Anganwadi Centre in which health services are being provided by Health & WCD departments to pregnant woman. NIC District centre has taken initiative to design & develop web-enabled software 'VHSND monitoring system' to ensure the quality of services provided to the expectant mother in VHSND. This can be accessed by using link <https://cg.nic.in/mahasamund/vhsnd>.



**IT Support for conducting Lok Sabha/ Assembly/ Panchayat Elections**

NIC Mahasamund provided extensive support to successfully implement , execute and monitor all the IT applications such as Polling party creation, randomization of polling parties, EVMs and Micro-observers, CTOPP and C-VIZIL, Poll day monitoring system, Genesis, Electronic Transmission Postal Ballot System, Counting software etc during Election. IT support has been provided for other vital activities like making available candidate information, affidavit hosting, district communication plan, webcasting and generating various reports on poll day for district administration.

In order to realize the dream of 'Digital India', NIC District Centre Mahasamund is continuously providing all the technical support to the District Administration. A number of IT based projects have been launched during the past few month/years. In near future, it's envisaged to implement DMF portal to computerize the workflow of DMF fund utilisation in District.

**For further information, please contact:-**



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**Speech to Sign Language Converter – 2<sup>nd</sup> position in AI-IdeaThon**

Speech to Sign Language Converter is an idea floated in AI-Ideathon organised by NIC Headquarters and **won 2<sup>nd</sup> position among 90 ideas submitted.** Speech to Sign Language Converter enables the communication between the normal people and hearing impaired.

**Awards & Accolades**

**पढ़ई तुहर दुआर received CSI-SIG Award 2020**

पढ़ई तुहर दुआर developed by NIC, Chhattisgarh received prestigious CSI SIG eGov Awards 2020. Mr. Jitendra Kumar Shukla, IAS, DPI & MD, SamagraShiksha, Dr. M. Sudheesh, Asstt. Director, SamagraShiksha and Ms. Lalita Verma, Scientist-B, NIC received the award in an august ceremony at Lucknow, on 12<sup>th</sup> Feb 2021.

