

Digital Empowerment for State Administration during COVID-19 - Chhattisgarh State



The NIC Chhattisgarh has consistently proved itself as a pioneer ICT organization by implementing various eGovernance initiatives and supporting the government in rendering citizen-centric services at various levels. "The InfoNIC" should be an effective aid in creating awareness about the significant contributions of the NIC, in supporting the government at all levels, and in enabling basic, safe and secure B2C and C3 services.

I wish everyone a safe, healthy and a very happy and prosperous New Year.

Subrat Sahoo

ACS to HCM, Home, Jail, E&IT, WRD, Housing & Environment Department



Being in the scientific fraternity, specifically in ICT Sector, NIC with its techno-scientific professionals, newest techniques and approaches, has its National presence in almost each and every socio-economic area since more than 35 years. "The InfoNIC" is an effort to bring forth these activities and achievements of NIC, Chhattisgarh.

Let me extend heartfelt gratitude to patrons at all level and wish the New Year to bring good vibes, bigger goals and strong commitments.

Sanjay Kapoor

DDG & State Coordinator

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Be at war with your vices, at peace with your neighbours, and let every new year find you a better man.

Benjamin Franklin

CORONA Guidelines, Govt. of Chhattisgarh



The portal as a single source for all government circulars and information regarding SOP to handle the current COVID-19 pandemic was developed. The portal facilitates state as well as district officials to upload relevant circulars.

Happy New Year 2021



It is a privilege for NIC Chhattisgarh to announce initiation of its own monthly newsletter "The InfoNIC" from January 2021. It's a matter of pride for us that, in the challenging time of the year 2020, NIC, Chhattisgarh could partner at every level of administration and deliver a wide range of solutions and services that benefitted government as well as citizens. This issue covers the ecosystem created by NIC Chhattisgarh in combating the Covid pandemic.

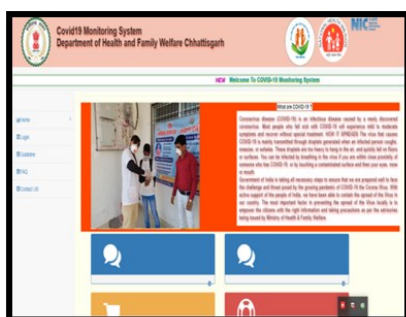
Wishing all a very successful Happy New Year – 2021

Dr A K Hota

DDG & SIO, Chhattisgarh

NIC Chhattisgarh has accepted the challenge of COVID-19 pandemic situation with open hands and stood by the Government in shouldering the responsibility of extending the services with innovative technological solutions against all odds.

COVID19 Monitoring System



Features

- Analytical Dashboard and District / Hospital / Lab wise Hospital Admission, Discharge /Death Report
 - Home Isolation and Referred Patient Report
 - Daily report of total test conducted
 - Bed availability in Covid Care Center
 - Test Report online and through SMS
 - Linked with Central ICMR Portal
- State Govt. is issuing COVID pandemic daily Media Bulletin based on data available in this portal. Districts are generating various reports on hospitalisation and Home Isolation data.

Statistics as on 5.12.2020:

Total Tests 2500000	Total Admissions 242418
Total Hospitalized 99225	Total Home Isolations 140352
Total Discharged 220177	Total Death 2941

The System is used to monitor admission of COVID positive patients either in identified hospitals or in Home Isolation. Facility is provided to get the sample test report on line. Till date about 21 lakh SMS have been sent to the people of Chhattisgarh and around 5 lakh people have downloaded their test report.

NIC, Chhattisgarh extended support to the **Department of Food** to implement Pradhan Mantri Garib Kalyan Yojana to help 57,65,935 families. **Department of Agriculture** implemented Rajiv Gandhi Kisan Nyay Yojana to transfer Rs. 4,500 crores to 18 lakh farmers.



Individual surveillance and tracking, of home quarantined individuals during the COVID-19 crisis, in as non-obtrusive a manner possible, while maintaining the integrity of daily home-visits by a health worker is a good and effective practice initiative by District Mahasamund with the help of NIC District Centre.

**Mr. Kartikeya Goel, IAS,
Collector & District Magistrate, Mahasamund**

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, 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 photo of daily

visits by field level health staff etc. were captured. **Shelter Camp Monitoring** is facilitating tracking of Govt. and Private shelter camps, Capacity, Minimum Basic Facility, Ration provided and uploading of Daily Inspection Photo.

Given the risk assessment, all the Home Quarantine persons have been included in the daily photo tracking system.



Chhattisgarh government wishes to compliment for the support and assistance rendered by the team NIC during the COVID-19 unprecedented situation as well as lockdown period. In numerous ways Chhattisgarh government Labour department has reached out to the stranded migrant workers throughout the country and this was all Possible for prompt and laudable support and action as well as an untiring effort of NIC Chhattisgarh. They were more than willing to support us. I wish the team all the very best in future.

**Sh. Sonmoni Borah, IAS
Secretary, Labour, Govt. of CG.**

e-SAGA (e-Shramik Aawa Gaman Application)

Labour Department, being the nodal authority for welfare of workers, was supported by NIC Chhattisgarh with various online applications for effective management of movement of migrant workers. **e-SAGA** supported migrants to provide their travel requests to enable department to arrange train facility for them. Module was also developed for keeping record of all migrant workers coming through different trains to Chhattisgarh from other states. **1.5 Lacs calls registered in online helpline module.**

Relief Camp Entry Module was developed to keep record of all workers who stayed in the relief camp established by Government and NGOs. Workers were categorized in two formats i. Workers Stayed in relief camps (Format-A) and ii. Workers stayed in Camps organized by factory owners and by contractors (Format-B). The **Call Center Helpline Module** was developed to collect problems and complaints of workers related to food and shelter etc.

Registered to arrive
in Chhattisgarh
2,96,902

Registered depart
from Chhattisgarh
22,739

Total Workers under
Format-A
6308

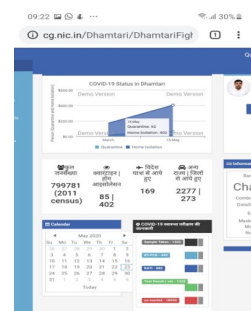
Workers under
Format-B
27481

Total trains
organized
86

Total Commuters
1,09,389

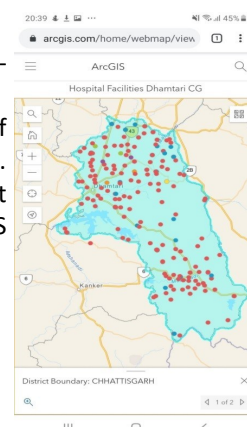
**NIC SMS services used to send
approximately 2 lacs SMS to Migrant
Workers.**

District Containment Plan and Quaiso Tracker Mobile Application



Dhamtari District developed the GIS based Containment plan which was effectively used in more than 20 Districts of Chhattisgarh.

District Containment Plan has Geo-referenced maps of Hospitals (Govt. & Private) built on Arc GIS platform.



District containment plan contains

- Logistics details i.e. Medical equipment available up to PHC, CHC, SHC level.
- Manpower availability
- SOPs and Health advisories issued by ICMR and State Health Department.

Based on the District Containment Plan, a mobile application was developed to keep records of 403 Quarantine centers and home isolated people within district.

Online donations for Chief Minister's relief fund

To accept the online payment through various modes, NIC Chhattisgarh has designed an online portal powered by ServicePlus during first lockdown and was launched on 2nd April 2020. The site offers various payment modes like UPI, Net banking, Credit Card, Debit Card and branch payment.

**Total Donations
Received
Rs. 29,65,301.00**

**No. of Donors
471**

RojgarSangi Mobile App

The mobile app along with Chhattisgarh State Skill Development Authority (CSSDA) portal facilitated the skilled people looking for job and also the Employers to get registered and be

connected based on the skillset mapping. Both the applicants and employers have the facility to send messages to each other through the app itself.

Registrations
through CSSDA
portal
96902

Registrations
through App
21631

E-Counselling module:

The system aims at streamlining the admission process during Covid period in all phases of counseling and Post counseling of IGKV while providing 100% transparency in the entire process. Seat allocation is done as per the merit, reservation policies and choices exercised by the candidates in IGKV. For UG, PG & PhD, the candidates have to apply online for counseling and deposit the fees through SBI payment gateway to finally seek their admission as per the rules.

Mobile app for free food distribution monitoring

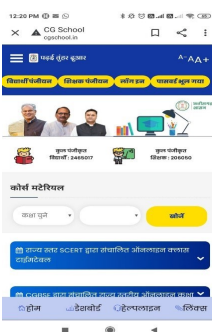
A Mobile app was developed for the Social Welfare department, to collect the online information of free food distribution in the state to the needy and homeless persons during the Covid outbreak. The distribution was carried out by the department in all districts and blocks of the state. The app facilitates the district officials to feed the information of the location of the food distribution, number of persons benefitted along with the photographs

Total No. of Food packets
Distributed
1316669

IGKV's Student App e-Krishi Pathshala

The App facilitates students of Indira Gandhi Krishi Vishwavidyalay (IGKV), to carry out learning activities online in the prevailing pandemic times. Faculty members can upload study materials (in Hindi & English), Assignments, video lectures, create examination question papers and fix exam schedule. They can also evaluate assignments, answers and record the marks for each student respond to student queries.

Students on the other hand can view the video lectures of their courses uploaded by the professors of their college as well as other colleges affiliated to IGKV. They can download assignments, appear for exams online at specified time and upload the answer papers. They can post their queries regarding any topic pertaining to their registered courses and get the responses of the concerned professors. Mock test facility is provided to enable students prepare for the examinations.

Padhaayi Tunhar Dwaar

NIC, Chhattisgarh worked with the Department of School Education to continue educational activities during the pandemic by developing cgschool.in portal and Mobile App

under the project 'पढ़ाई तुम्हारे द्वार', means "Education at Doorstep". The site was inaugurated by Hon'ble Chief Minister of Chhattisgarh on April 6th, 2020 and became an immediate success with more than two lakh teacher registrations and 24.52 lakh student registrations. 'पढ़ाई तुम्हारे द्वार' is a comprehensive academic cycle management system which includes text book delivery, lecture videos for each chapter, online classes, assignments for each student, student homework management and student doubt clearance.

Home Valuation Module for CGBSE

Chhattisgarh Board of Secondary Education, Raipur (CGBSE) needed to evaluate the answer sheets of High School and Higher Secondary School Examination for academic year 2019-20. Due to COVID-19 pandemic NIC, Chhattisgarh has provided solution to evaluate answer sheets by teachers from their homes. For this, teachers were provided login-id so that they can enter required details for Home Valuation. Valuation officer could maintain the stock of answer books categorized on subject and class. Detailed instructions and OTP based profile features are provided on the portal. The valuation module facilitated the department with ease of use and safe to work pattern. Comprehensive dashboard is provided to all 29 valuation offices / districts and Head Office.

Total teachers
registered
7492

Total answer
sheets evaluated
3377328

Monthly Assignment Module

CGBSE has started online streaming of classes for students of 10th and 12th Class. NIC Chhattisgarh has developed monthly assignment module for students based on which teachers can evaluate students' progress. This web-based system provides a comprehensive solution to manage and enhance the assignment and marks entry of every subject in every month.

Total students marked for assignment
8,28,992

Total assignments submitted

Sep 20
4357654 (94%)

Oct 20
3989252 (86%)

Inter-operable Criminal Justice System (ICJS)

ICJS portal was accessible to all the police stations of state during lockdown period for dynamic searching and integrated view of ICJS pillars database. e-Forensics Application under ICJS project was in continuous use in Forensic Science Laboratories for registration and monitoring of the cases.

Video Conferencing Services at Chhattisgarh

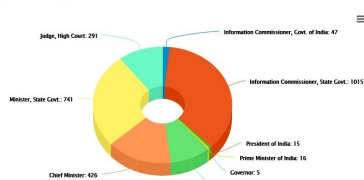
Chhattisgarh is in the 4th position among top 10 states in average Studio utilization during Covid. NIC CG provided extensive Videoconferencing facility support from 28 districts and 22 studios of Govt. offices at Raipur which includes Raj Bhawan, CM office, Mantralay etc. VC of Hon'ble CM with Hon'ble Prime Minister and Hon'ble Governor with Hon'ble President were organised regularly during COVID. Hon'ble Chief Minister and Home Minister interacted with prisoners in different jails of Chhattisgarh to take stock of arrangements made during Covid.



Total number of studio based VC during lockdown	1600
Total Studio participated	71
Desktop VC	600
Number of Sites participated	13609
Total Site hours	19267

Virtual hearing at High court and district courts were organised. In High court 100 benches heard 2000 cases. Similarly in District courts 200 benches heard total of 850 cases.

Site Hrs. of Important VC meetings of State Govt.



SMS sent by District and Sub Ordinate courts	8,93,213
SMS sent by High Court	1,45,015
No. of cases Heard Virtually by District and Subordinate Courts	16,617

Online Guest Teacher Recruitment was organized for Eklavya Model Residential Schools for both fresh and deputation candidates in teaching and non-teaching category. It facilitates online registration of candidates as well as category wise Merit list generation.

Fresh applications for Teaching	29608
Fresh applications for Non-teaching	68149
Applications for Deputation for Teaching	166
Applications for Deputation for Non-teaching	328

Service Support for Election during COVID-19 Pandemic

Conducted Bye Election of Marwahi Assembly Constituency successfully during October- November 2020 with the help of NIC Chhattisgarh in terms of developed software, technical manpower and IT infrastructure.

NKN Connectivity

NKN Connectivity at Universities/Institutes played a vital role during Covid-19. Also keeping the network up was a big challenge for NIC as most of the officials were working from home. 24/7 roster was prepared to monitor the links for smooth connectivity.

Indira Gandhi Krishi Vishwavidyalaya (IGKV)

Scientists of University using NKN connectivity could prepare more than 100 research papers and submitted for publications.

Indira Kala Sangeet Vishwavidyalaya Khairagarh

Most of the foreign students were stuck in the hostels during lockdown and they regularly used NKN link.

All India Institute of Medical Science (AIIMS)

NKN connectivity made the social distancing possible. Covid19 portal of AIIMS, Raipur was extensively used.

Seamless operations of Treasuries during Covid-19 period:

NIC CG provided the facility to Treasury Officials for work from home using OTP-Based authentication in cyber treasury application. DDOs prepared the bills and sent the scanned copy to Treasury. The new option of voluntary contribution was enabled in the e-payroll module and a provision was made to deposit the said amount in the CM Relief Fund under the Cyber Treasury. Budget was uploaded for the new financial year and the budget distribution module was opened for budget controlling officers.



Chhattisgarh government launched "Rajiv Gandhi Kisan Nyay Yojna" in which four thousand five hundred crore rupees were transferred to the needy farmers, so that they could arrange the seeds, fertilizers and other items for the next season. Similarly, in order to deliver free ration to stranded migrants under "Atma Nirbhar Yojna", an App has been launched with the help of NIC. Also webpage and registration portal were launched whereby migrants can register themselves to provide details of their family members and get free ration. We appreciate the support of NIC Chhattisgarh throughout to make the initiatives a success.

Sh. Kamal Preet Singh IAS,
Secretary, Food, Govt. of CG.

NIC, Chhattisgarh is committed to extend support to the State Government in its entire endeavour to the maximum possible extent through appropriate Technological interventions.