> "Live as if you were to die tomorrow.
> Learn as if you were to live forever."
> — Mahatma Gandhi

ServicePlus
Metadata-based Integrated eService Delivery Framework

SWAGATAM
Gateway to Visit Government

Video Conferencing

Chhattisgarh Cabinet meeting was organized first time through video conferencing

Amidst the Corona pandemic, the cabinet meeting was held on 18th May 2021 under the chairmanship of Chief Minister, Shri Bhupesh Baghel. The meeting was organized through NIC desktop video conferencing at the Chief Minister's residence office. This is the first time that cabinet meeting was organised virtually. Home Minister, Shri Tamradhwaj Sahu, Health Minister, Shri TS Singh Deo, Women and Child Development Minister, Shri Anila Bhedia, Forest Minister, Shri Mohammad Akbar and Ministers Shri Guru Rudra Kumar, Shri Ravindra Choubey etc. attended the meeting from their residence using vidyoconnect.

Happening

Revamped Revenue portal launched by Hon'ble Revenue Minister, Chhattisgarh

Hon'ble Minister of Revenue & Disaster Management Department, Chhattisgarh Shri Jay Singh Agrawal has launched the revamped Revenue Department's portal that includes https://revenue.cg.nic.in, https://bhuiyan.cg.nic.in and http://sdma.cg.gov.in. The portal has been built on NIC's UXDT platform. Under the able guidance of Ms Reeta Shandilya, IAS, Secretary, Revenue and Dr. A.K.Hota, DDG & SIO Chhattisgarh, the team comprising Shri Amit Kumar Dewangan, SSA and Smt. Abhilasha Soni, SA of NIC, Chhattisgarh designed and developed the sites. Hon'ble minister congratulated the entire team for the light-weight responsive web design besides enriching the sites with

Hon'ble Minister of Revenue & Disaster Management Department, Chhattisgarh Shri Jay Singh Agrawal has launched the revamped Revenue Department's portal

additional features to benefit differently abled (Divyangjan).

The updated information about district level revenue officers, subordinate divisions, software applications and initiatives taken by department form part of the website. One can apply online for services like mutation, Sahukaari license, revenue court case filing etc. Availing these services has been secured with OTP authentication. The Bhuiyan portal home page also includes useful tips for making public aware of various features available in it. The State Disaster Management website provides important information about bodies and functions of the authority besides highlighting important do's and don'ts during a disaster.

Development works virtual inauguration and Bhoomi Pujan by Hon'ble Chief Minister of district Balodabazar-Bhatapara

Various development works of District Balodabazar-Bhatapara were inaugurated and Bhoomi Pujan performed by Hon'ble Chief Minister Shri Bhupesh Baghel on 09.06.2021 through video conferencing from CM house, Raipur. On this occasion the Minister in charge of the district, Hon'ble Shri T.S. Singhdev, Cabinet Ministers Shri Tamradhwaj Sahu , Shri Ravindra Choubey, Shri Premsay Singh Tekam, Shri Mohammad Akbar, Dr. Shivkumar Dahria, Shri Gururudra Kumar and Principal Secretary Shri Subrata Sahu were present while at the venue of the district headquarters MPs Shri Guharam Ajgale and Smt. Chhaya Verma, Parliamentary Secretary

Various development works of District Balodabazar-Bhatapara were inaugurated and Bhoomi Pujan performed by Hon'ble Chief Minister Shri Bhupesh Baghel on 09.06.2021 through video conferencing from CM house, Raipur

and MLA Shri Chandradev Prasad Rai and Ms. Sakuntala Sahu, Shri Shailesh Nitin Trivedi, Shri Surendra Sharma along with officers and employees of the district were present. On this occasion total 1172 works worth Rs. 295 crores of the district were inaugurated and bhoomi pujan was performed by the Hon'ble Chief Minister. The technical coordination for the successful conduct of the event was done by DIO, NIC Sh.Satyanarayan Pradhan. Sh.Sunil Kumar Jain, Collector, Balodabazar appreciated the entire team of NIC District Centre Balodabazar for successful coordination of the event.
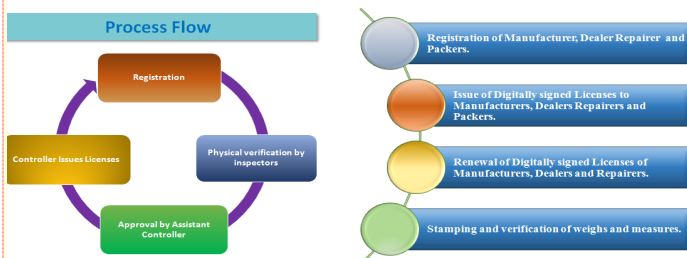
E-Gov Product — Legal Metrology has been made fully online, under EODB

In the years from the establishment of the state of Chhattisgarh, the State always looked forward to work on making the process of

Legal Metrology under EODB

Process Flow
- Registration
- Controller issues Licenses
- Physical verification by inspectors
- Approval by Assistant Controller

- Registration of Manufacturer, Dealer Repairer and Packers.
- Issue of Digitally signed Licenses to Manufacturers, Dealers Repairers and Packers.
- Renewal of Digitally signed Licenses of Manufacturers, Dealers and Repairers.
- Stamping and verification of weighs and measures.

https:/legalmetrology.cg.nic.in/

doing business easy besides protecting the rights of the consumers. In this direction, Legal Metrology Department computerized many of its processes with the help of NIC. The role of the Department is to ensure Accuracy of commercial weights and measures, protection of the consumer's interest by conducting surprise visits and inspection of the trader's premises, packing units to verify the accuracy of weights and measures. Short delivery and over-pricing are some of the offences against the consumers. The Legal Metrology has to keep strict vigil on the offenders and enforce the provision of law by firm hands. Mrs. Shikha Rajput Tiwari, IAS, Controller, Legal Metrology Department, Chhattisgarh took the charge to make it possible by creating an online portal with the help of NIC. This portal gives the facility to fill online the application for new and renewal of various types of licenses such as Manufacturers, Dealer and Repairer of various automatic, non-automatic, mechanical weighing instruments and also provides facility to get the Packers and Importers certificate for packing of various packing commodities. The portal also provides the facility to apply for the verification and reverification of various commercial weights and measures. Payment for all of the services can be done online. Hence it has become easy and convenient for the users. The best thing about the portal is, it doesn't require a single branch visit by the user. After application submission the complete process of physical verification and license/certificate generation is done on the portal by the officials and is available to download by the user at any point of time. The process has been made online only and manual acceptance of applications has been stopped.

हिंदी कार्यशाला — राष्ट्रीय सूचना-विज्ञान केन्द्र, छत्तीसगढ़ राज्य केंद्र में दि. 05.06.2021 को हिंदी कार्यशाला का आयोजन

राष्ट्रीय सूचना–विज्ञान केन्द्र, छत्तीसगढ़ राज्य केन्द्र, नया रायपुर में दिनांक 05 जून 2021 को ''ई–गवर्नेंस के लिए सॉफ्टवेयर डेवलपमेंट में अभिनव विचार'' के अंतर्गत ''Introduction to Augmented Reality/Virtual Reality'' विषय पर कार्यशाला आयोजित की गई, जिसमें राज्य एवं जिले के सभी अधिकारियों ने भाग लिया। संगोष्ठि को प्रारंभ करते हुए श्री पी.रामाराव, वरिष्ठ तकनीकी निदेशक ने विषय पर प्रारम्भिक जानकारी देते हुए संगोष्ठि का आरंभ किया। इस विषय पर श्री पूनम चंद वर्मा, वैज्ञानिक सी, श्री उपेन्द्र सिंह चंदेल, वैज्ञानिक सी, श्री सोम अब्राहम, साइंटिफिक/तकनिकी सहायक अ अधिकारियों द्वारा व्यक्तव्य प्रस्तुत किये गये ।

उन्होने बताया VR में वस्तुतः इमर्सिव सभी अनुभव शामिल हैं। इन्हें विशुद्ध रूप से वास्तविक दुनिया की सामग्री (360^0 वीडियो), विशुद्ध रूप से सिंथेटिक सामग्री (कंप्यूटर जनित), या दोनो के एक संकर का उपयोग करके बनाया जा सकता है। इस माध्यम के लिए ओकुलस रिफ्ट, एचटीसी विवे या Google कार्डबोर्ड जैसे हेड–माउंटेड डिवाइस (एचएमडी) के उपयोग की आवश्यकता होती है।

ऑगमेंटेड रियलिटी (AR) वास्तविक दुनिया पर कंप्यूटर जनित सामग्री का एक ओवरले है। यहां मुख्य बात यह है कि सवंर्धित सामग्री वास्तविक दुनिया के वातावरण में भौतिक वस्तुओं को नहीं पहचानती है। दूसरे शब्दों में, सीजी सामग्री और वास्तविक दुनिया की सामग्री एक दूसरे को प्रतिक्रिया देने में सक्षम नही हैं।

मिश्रित वास्तविकता (MR) रोड़ा के माध्यम से वास्तविक और आभासी बातचीत के बीच सीमाओं को हटा देती है। ऑक्लूजन का मतलब है कि कंप्यूटर से उत्पन्न वस्तुएं भौतिक वातावरण में वस्तुओं द्वारा स्पष्ट रूप से अस्पष्ट हो सकती हैं – जैसे आपकी कॉफी टेबल के नीचे एक आभासी रोबोट।

राज्य सूचना–विज्ञान अधिकारी डॉ. अशोक कुमार होता ने भी विषय पर अपने विचार–विमर्श रखे एवं कार्यशाला में भाग लेने के लिये अधिकारियों को शुभकामनाएं दी। अंत में श्री ऋषि कुमार राय, वैज्ञानिक – बी ने सभी अधिकारियों को कार्यशाला में भाग लेने हेतु धन्यवाद दिया।

TechNICa — Let's dive into world of Xtended Reality

Now a days VR and AR are the buzzwords whose applications are often seen in game etc. Let us now understand what is VR and AR and its uses in Government. Virtual Reality (VR) encompasses all virtually immersive experiences. These could be created using purely real-world content (360^0 Video), purely synthetic content (Computer Generated), or a hybrid of both. Augmented Reality (AR) is an overlay of computer generated content on the real world. The key note here is that the augmented content doesn't recognize the physical objects within a real-world environment. The augmented reality technology is widely used in the computer graphics to enhance the experience, for instance, Google Expedition, Google AR . Currently various simulation and training solutions are being developed using VR & AR technique. Some of the common use of VR/ AR is for data visualization, 3D simulation, AI and machine learning training. VR brings immersive, interactive 3D product visualization to business and product data in Automotive, Transportation & Manufacturing. Engineering and construction companies are using immersive and collaborative real-time 3D environments, including in AR and VR for better decision-making across entire project lifecycle. To implement VR and AR we need devices like Oculus Rift, HTC Vive for Tethered VR, Google Cardboard, Google Daydream, Samsung Gear VR for Mobile VR and Microsoft Hololens, Mobile AR (iOS & Android) for Augmented reality.

> **Spotlight**   **From Projects to Products for Digital Governance:-Message from Dr. Neeta Verma, Director General, NIC**

With each passing day, we have witnessed technology permeating deep into our lives. Organizations around the world are harnessing the true potential of technology for creating Innovative Solutions that can benefit society at large. Our journey at the National Informatics Centre (NIC) has been a testimony to this era of technology-driven innovation. We have developed and implemented a wide range of solutions for the socio-economic development of the country. Our solutions cover sectors across healthcare, education, agriculture, transport, rural development, finance, legislature, judiciary, among others. These solutions have been instrumental in the Digital Transformation of the entire Government apparatus at the Centre, States, UTs, and District level.

The Digital India Program brought in a wave of digital transformation throughout the country and has also changed the way the Government engages. With the continued emphasis on Digital Transformation, NIC has stepped up its focus— from 'concept-to-commission'. Throughout this journey, we have embraced technology at all levels by combining advancements with innovative concepts at each level of administration to develop effective Digital Solutions. Our team at NIC has experienced a significant surge in the demand for Digital Solutions and their commissioning in a shorter period. Thus, we moved from Custom-built Projects to Software Products. This shift

influenced various Departments in adopting our Software Products rather than getting time-consuming custom-built solutions

made. Right from eOffice, GePNIC, eCourts, eHospital, eCabinet, and many others – NIC has demonstrated a strong acumen for Productization.

Our Product teams at NIC have been very responsive to the requirements and feedback, which has helped us to continuously evolve our products from one level to the other. With this transformation from Projects-to-Products, we have brought in a lot of efficiency in time and resource utilization. It has also helped us in

improving the quality of the products in terms of reliability, resilience & scalability. It has significantly helped to abridge the

long-drawn process of Project Planning, RFP Preparation, Procurement, and other related activities, by creating a Win-Win situation for all.

I am confident that this trend of building products will continue, and we will have countless products for Digital Governance. The use of these products will also help Government Departments to fast-track their own Digital Transformation journey. We will ensure that our tech-enabled solutions keep reaching the unreached.

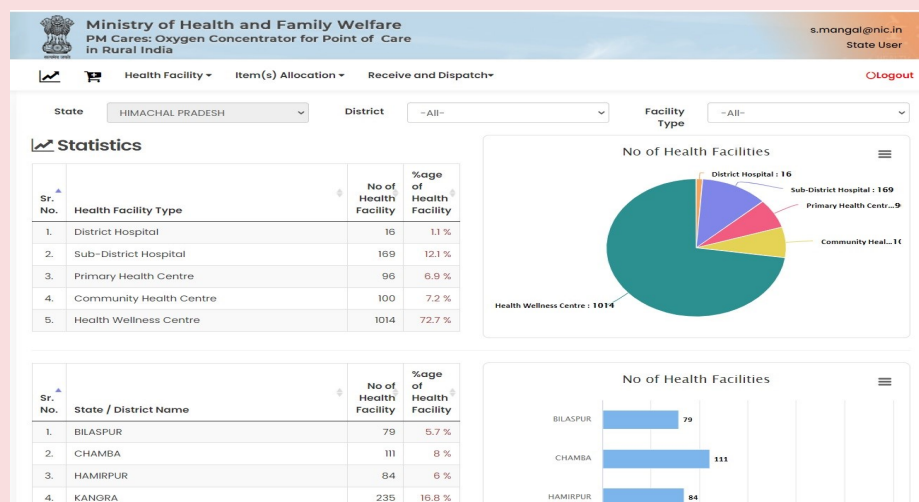> **Resonance**   **Oxygen Concentrators – Management Information System (OC-MIS)**

NIC has been entrusted with the responsibility of development for **Oxygen Concentrators – Management Information System (OC-MIS).** Oxygen Concentrators (OCs), which are being procured under PM-CARES for the purpose of ensuring availability of Oxygen in the public healthcare facilities closer to the rural community. Hence, it has been planned to deploy OCs at the Community Health Centres (CHCs) and the Primary Health Centres and Sub Health Centres including the Ayushman Bharat – Health and Wellness Centres.

OC-MIS is available at https://covid19cc.nic.in/pmcares and facilitates data operations at Ministry of Health & Family Welfare (MoHFW), Supply & Dispatch Agency (ONGC), State NHM & District levels. For operations at Health Facility, separate Mobile App is being developed. Login to the portal is same as that of RT-PCR portal - https://covid19cc.nic.in

OCs procured by ONGC will be transported to the points of delivery which will be decided by State. State will distribute it further to the

health facilities as per defined criteria and requirements. State officials will enter the details of consignees where ONGC will deliver

the OCs. Correctness of Mobile Number of Official at Health Facility level is very crucial as it will be used for accessing the mobile app.

MoHFW will allocate OCs to the states using OC-MIS Portal. State will in turn allocate it to Districts, which in turn allocate it to Health

Facilities in rural area as per defined criteria. Health Facility officials will receive the OCs and will update its receipt through Mobile App.

▶ **Highlight**	**Smart card DL/RC to be delivered at the door step by speed post**

Chhattisgarh becomes first implementing state of Vahan & Sarathi faceless services

The Chhattisgarh Transport Department has started delivering Smart Card based Driving License (DL)and Registration Certificate (RC) to the citizens of Chhattisgarh at the address registered by them on the Transport portal. On 1st June 2021 Hon'ble Chief Minister of Chhattisgarh, Shri Bhupesh Baghel launched this new facility in virtual mode. The event was chaired by Mr Mohammed Akbar, Hon'ble Transport Minister of Chhattisgarh. Mr. Kamal Preet Singh, Secretary & Transport Commissioner and other officers of the department were present at the launching site. Senior NIC officers have participated remotely from their respective locations.

Later in the press conference Mr. Mohmmed Akbar, HTM exclusively thanked NIC team members of Delhi, Hyderabad and Raipur for their untiring efforts in realizing the project in a short span of time.

On 1st June 2021 Hon'ble Chief Minister of Chhattisgarh, Shri Bhupesh Baghel launched this new facility in virtual mode. The event was chaired by Mr. Mohammed Akbar, Hon'ble Transport Minister of Chhattisgarh and Mr. Kamal Preet Singh, Secretary & Transport Commissioner.

Centralised Dispatch System :

In line with the Government's prestigious "Tumhar Sarkar Tumhar Dwaar" scheme which is for home delivery of government services, the Transport Department will provide twenty two smart card based services which include 10 driving license and 12 vehicle related services ensuring door delivery through Speed Post. Driving license applicants or the vehicle owners will no longer need to run from pillar to post to avail these services. The delivery of DL/RC cards by speed post will be ensured within seven days of the dispatch.

Citizens to get Ten services related to driving License :

Applicants will now have to appear only once for taking Driving Test to obtain a new Driving License. For other subsequent services the DL will be directly delivered at their address without their visiting the RTO office if they complete Aadhaar authentication and upload correct documents.

New Registration and changes in RC :

Smart card based Registration Certificates (RCs) are being issued by the Transport Department. For this Dealers are empowered to record new vehicle details, scan and upload the relevant documents through Dealer Point Registration System. The concerned RTO then approves the Registration after which the Smart Card RC will be directly delivered by speed post at the address of the vehicle purchaser. The other Registration related services are also included to be provided through the Central Dispatch.

Transparency and Social Distancing :

The services of Registration and License delivering smart card based RC/DL at the door steps will bring the following benefits to the vehicle owners/Applicants of the state.

- **Home delivery**
- **Helps in following Social distancing**
- **Transparency, saving of time and money**
- **Awareness and sensitization**
- **Reduction of crime Benefits to the department**
- **Increase in Revenue**

In order to ensure smooth implementation of the above facility the Transport department has started a Helpline number 7580808030 for citizens to enquire status and seek help regarding delivery of RC/DL services.

Faceless services of VAHAN & SARATHI :

Chhattisgarh has become the first state in the country to integrate Driving License and Registration certificate related services with Aadhaar for authentication. With this new facility the applicants will be able to avail such services from the comforts of their homes.

Ten Driving License and Seven vehicle registration services have been linked with Aadhaar for authentication

Medical Form to be provided online for Driving License :

Further to bring transparency into the Transport Department functionality and to simplify the process of Driving License, the issuance of Medical Certificate - Form-1(A) has also been made online. The registered doctors can use their credentials to view all the details of the DL applicants and issue the Medical Certificate Form-1(A) which can be instantly downloaded by the applicant from SARATHI portal. This process totally eliminates paper work.