

"If you want to live a happy life, tie it to a goal, not to people or things."— Albert Einstein

National Informatics Centre

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Online Medical Form 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 been made online. For this the interested Medical Council registered

परिवहन विभाग, छत्तीसगढ़
'तुंहर सरकार, तुंहर द्वार'
अब होगा साकार
स्मार्ट कार्ड पहुंचेगा आपके द्वार

तुंहर सरकार तुंहर द्वार के तहत अब स्मार्ट कार्ड आधारित ड्राइविंग लाइसेंस एवं पंजीयन प्रमाण पत्र अब स्वीड पोस्ट द्वारा सीधे आपके घर के पते पर पहुंचेंगे

- स्वच्छता आधार प्रमाणीकरण से सरकार प्राप्त होगी परिवहन सेवाएं
- डुप्लीकेट लाइसेंस, ड्राइविंग लाइसेंस नवीनीकरण एवं पता परिवर्तन समेत लाइसेंस से सम्बंधित 12 सेवाएं होगी उपलब्ध
- स्वास्थ्य अंतरण एवं पता परिवर्तन समेत वाहनों से सम्बंधित 07 सेवाएं आधार प्रमाणीकरण के माध्यम से
- ड्राइविंग लाइसेंस हेतु जारी होगी ऑनलाइन मेडिकल प्रमाण पत्र

परिवहन विभाग, छत्तीसगढ़ के तहत अब स्मार्ट कार्ड आधारित ड्राइविंग लाइसेंस एवं पंजीयन प्रमाण पत्र सीधे आपके घर के पते पर पहुंचेंगे

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महोदय नवा छत्तीसगढ़

doctors of Chhattisgarh state are being provided with credentials to log into the SARATHI application. 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.

Happening

PM Narendra Modi inaugurates oxygen plant for Dr. Bhimrao Ambedkar Hospital, Raipur Chhattisgarh

Hon'ble Prime minister Sri Narendra Modi inaugurated oxygen plant installed in Dr. Bhimrao Ambedkar Hospital from the PM Care Fund created during the Corona period



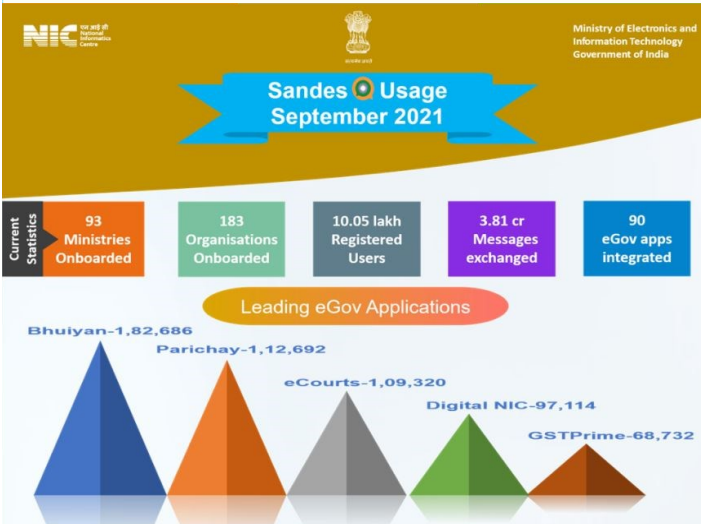
along with 35 oxygen plants across the country from AIIMS Rishikesh in Uttarakhand on 7th Oct 2021. Now Ambedkar Hospital will make its own oxygen to fill 500 cylinders

daily. Hon'ble MP Shri Sunil Soni, MLA Shri Satyanarayan Sharma, Shri Kuldeep Juneja, Mayor Shri Ejaz Dhebar and councilors, attended the inauguration ceremony held in the hospital premises. From NIC Sri T.N.Singh ASIO, Shri Surendra Agrawal VC coordinator, VC team of Chhattisgarh and Delhi, under the guidance of SIO & DDG Dr. A. K. Hota made this event successful.

This will produce 960 liters of oxygen in a minute. An oxygen plant with a production capacity of 1450 liters per minute has already been set up in the hospital in collaboration with the state government and the National Health Mission. If both the plants are functioning properly, 500 cylinders of oxygen will be supplied daily in the hospital.

Sandes integration – Land Records application “BHUIYAN”

SANDESH—Previously Government Instant departments can benefit from cutting SMS Messaging System (GIMS) - is an expenses in their applications. Added to it,



message transmission on SANDESH is fast and hassle free. The BHUIYAN (Land Records Application of Chhattisgarh) has been integrated with SANDESH for OTP generation providing extra security to PATWARIS and TEHSILDARS to log into the BHUIYAN system. As per the recent statistics for September 2021 released by NIC HQ, BHUIYAN has topped

indigenous messaging platform designed and developed by NIC. It provides a mobile app for instant messaging and a portal for administration and dashboard services. Apart from exchange of text messages, pictures, videos, Audio files and documents. SANDESH can also be integrated with any application for receiving One Time Password to ensure Two Phase Authentication. Unlike SMS it is a free service. Implementing Government

the list in SANDESH usage with 1,82,686 messages in the first month of its integration. SANDESH has also been integrated with other Applications of Revenue department viz. BHUNAKSHA, Revenue Case and Rajiv Gandhi Gramin Bhoomiheen Krishi Majdoor Nyay Yojna (RGGKMN). SANDESH App can be downloaded from Google Play Store for Android & App Store for IOS.

Training on e-Shram (National Database of Unorganized Workers (NDUW))-<https://eshram.gov.in>



Ministry of Labour & Employment is creating a national database of Unorganized Workers (UW). Every registered UW will be issued identity card that will be a unique identification number. On the base of this database social security schemes will be implemented by Ministries/Governments.

A Training on e-Shram Portal was organized by Labour Division of NIC CG State Center over VC on 14th OCT,2021 for the officials of NIC District Centers. During the training aim and objectives of the project was explained. It was followed by demonstration of steps to create UW Cards by CSC and different reports available on the portal was presented.

MoLE, GoI has estimated about 43.7 crore workers working in the unorganized sectors in India. Chhattisgarh has been given target of 82,42,000 UW registration. UW Registrations in CG is in progress and till now 14,20,199 UW have been registered. The focus of this workshop is to increase registration in NDUW by the technical support of NIC.

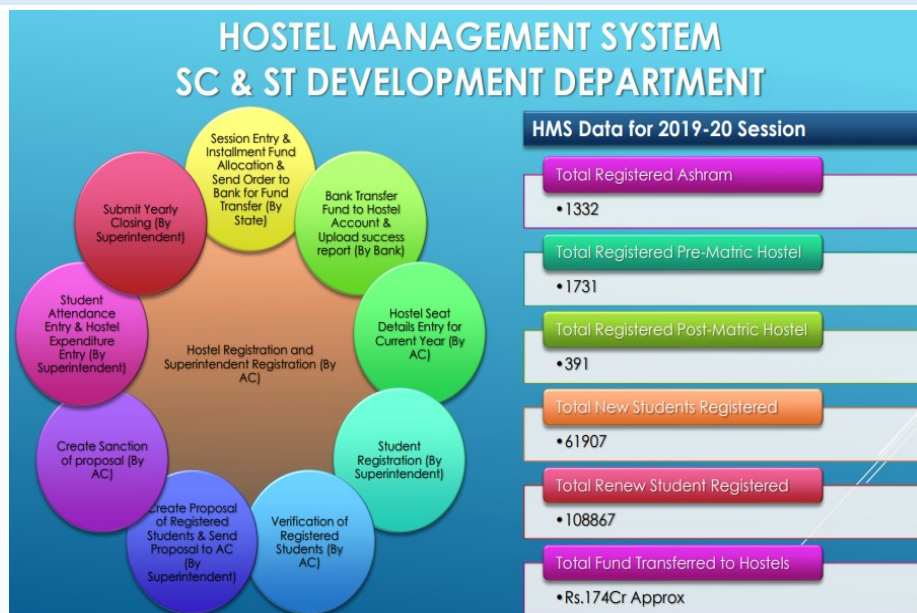
eGOV Product Hostel Management System (HMS)

CG Tribal Department is the nodal authority for all development programs run by state government for SC and ST welfare. Intending to decrease school dropout rates in remote areas of Chhattisgarh, the state government has approved the establishment of hostels for tribal students in all the districts of Chhattisgarh. Hostel Management System is prepared to easily manage all the works of Govt. Hostels of Chhattisgarh. It contains details of Govt. Hostels like Fund Allocation and transfer, Superintendent & their personnel, Student Details, Student Attendance and Hostel Expenditure Details etc.

Features:

- Unified Simple Online web forms, redesigned system with better workflow
- Online payment transfer directly to hostel account
- Online tracking of every work through the portal
- Online Customized reports
- Centralized login for all roles
- Increased Productivity and data reliability and transparency
- Enhanced data analysis
- Improved data security

HMS is functional since 2015-2016 and facilitating online transfer of more than 740 cr. rupees hostel stipend directly to the bank accounts of hostels.



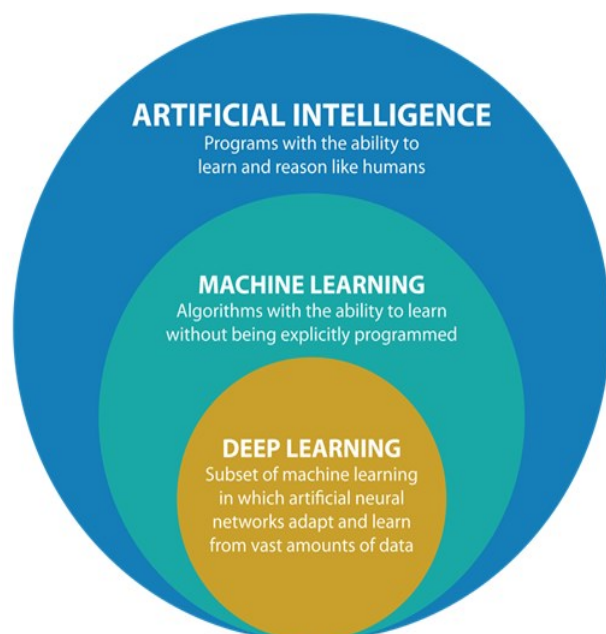
Process Workflow:

At the start of each academic session, process is kick started by hostel registration, seat entry & hostel Superintendent Registration

1. 1st Instalment fund allocation on basis of previous year's admitted seat or sanctioned seat and sending order to bank for fund transfer
2. Banks transfers fund to hostel account & upload success report
3. 2nd Instalment fund allocation on basis of current year's admitted seat and sending order to bank for fund transfer
4. Student registration & proposal creation for registered students
5. Generation of sanction for this proposal
6. Student attendance & hostel expenditure entry
7. 3rd Instalment fund allocation on basis of sanctioned amount for this year and sending order to bank for fund transfer.
8. Finally the process culminates with the marking of session closure.

TechNICa Deep Learning

"By far, the greatest danger of Artificial Intelligence is that people conclude too early that they understand it." - Eliezer Yudkowsky



Deep Learning, a branch of AI that has brought the dream of self-driving cars, language translators and other fancy technologies into fruition; which otherwise was a matter of sci-fi movies in the past, has gained prominence in the last decade. Hence, it is important that one understands the basic features of this technology and how it fits into the realm of Artificial Intelligence.

The art of making the machines automatically learn to perform a task without programming explicitly is called machine learning. To achieve the same goal, specific algorithms have been developed which were inspired by the structure and function of the brain. The design and development of such algorithms constitute the game-changing field, Deep Learning. A network of neurons present in the brain is simulated mathematically which is referred to as Neural Network. Deep Learning makes use of large and deep neural networks.

The core idea of Deep Learning is to train a very large and deep neural network with huge amount of data from the past so that the machine becomes capable of predicting a new situation on its own. Though the theory of neural networks has been around for past several decades, the implementation of the same posed several challenges due to heavy computational requirements. But, with the powerful hardware becoming ubiquitous and access to more datasets the theory of Deep Learning could now be well exploited to create several useful applications.

Since then, all traditional systems have been made to utilize the power of Deep Learning to create more user-friendly applications. All of us in some way use the power of Deep Learning in our day to day activities ranging from recommendation systems in Social Media, E-Commerce to more specialized applications like voice bots etc.



Spotlight

DATA DRIVEN GOVERNMENT

(Excerpts from the blog by Dr Neeta Verma, Director General, NIC. Complete blog can be seen at <https://www.nic.in/blogs/data-driven-government/>)

In this 21st century of Digital Transformation, we often hear that Data is the new oil, data is the new fuel and data is the oxygen that holds immense untapped potential in it. It is a reality that data is not a recent discovery, however, it has taken the center stage in recent times and is a key discussion point of any deliberation. Two elements have contributed to these data-driven insights. Firstly, the availability of high-speed networks and broadband penetration across the length and breadth of the country. The cloud has emerged as another important element, providing access to high-speed computing, storage, and its pay-per use model.

With the launch of the Digital India Program and Six years since its launch, a wide range of government initiatives and schemes (Central as well as State) are today making extensive use of data and employing best-in-class analytical tools to derive value out of this data.

Almost every sector of the socio-economic development of our country is influenced by the prowess of data. For instance, data can



prove to be highly useful for the formulation of poverty alleviation schemes as well as subsidy distribution schemes. Similarly, fields like Criminal Justice and Judiciary can consume data to analyze crime patterns, locate the criminal networks and hotspots of potential crimes, etc. Data is extremely valuable in fraud prevention also.

One of the major challenges right now is the fact that data is currently residing in silos and thus to unleash the true potential of this data, various IT systems must collaborate and operate in a symbiotic fashion. The need of the hour is to understand the significance of good quality data and employ it for the betterment of society.



Resonance

Single Sign On (SSO) Platform for the Government: Parichay and for Citizens: Jan-Parichay

Parichay (G2G) for Government users and Jan-Parichay (G2C) for Citizens are a multilingual single sign-on platforms designed to on-board the users under a single authentication framework. It is a

Aadhaar Card, Pan Card, Driving License, Application dependent Id and others.

- Allows user as well as integrated service to enforce multi-factor



centralized session and user authentication service in which one set of login credentials can be used to access multiple applications. The service authenticates user one on one designated platform, enabling the user to use a plethora of services without having to log in and logout each time.

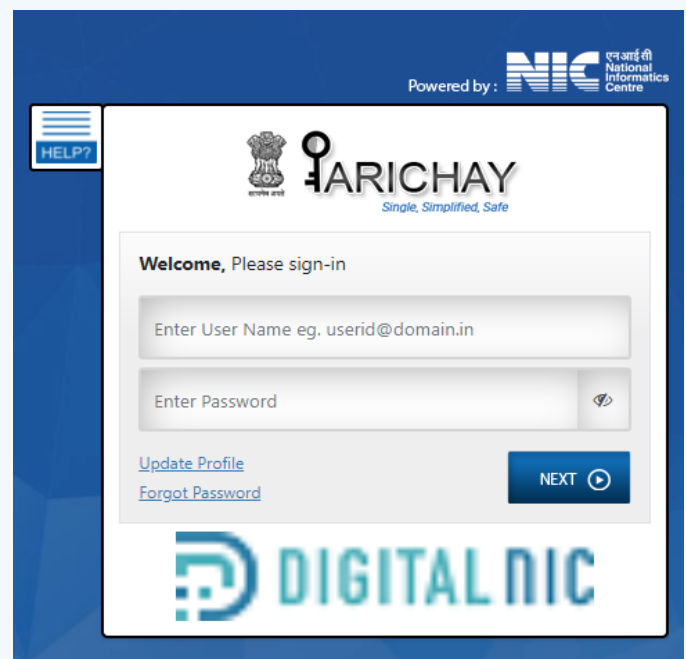
The sole purpose of the application is to provide SSO framework for the various Government services along with an added layer of security by providing a strong authentication mechanism. As of today, over 450 applications have been integrated in this platform.

Some of the salient features

- Provides e-Authentication as a service to government departments for providing a secure and convenient way for users to access government services as well as for the government departments to assess the authenticity of the users.
- Integrated with multiple backend verification parameters including

authentication including OTP, Backup Codes, Tap and Token.

- Offers Real-time analytics capabilities via Parichay Analytics application, which help to identify a user session activity thus reducing potential profile hacks.
- Extended to any number of user bases but restricted to the size of the backend infrastructure cluster.



Capacity Building Training on Jal Shakti Abhiyaan – “Catch the Rain, Where it Falls, When it Falls” Portal (<https://jsactr.mowr.gov.in/>)

JSA:CTR campaign was launched by Hon'ble Prime Minister on 22nd March, 2021. A detailed training session on JSA Portal for all government agencies and departments has been imparted by NIC Dhamtari on 25th September 2021. Brief introduction of entire module was presented by NIC and detailed online demonstration was given to the officials. Several important features related to the online portal i.e. Add/Update Water Bodies, Intensive Afforestation work, Renovation of Water Bodies, Watershed development related works, State Department data and Ministerial data were

covered during the training.

The following features were briefly covered :

1. Preparation/Updation of inventory of water bodies.
2. Preparation of Scientific Water Conservation Plans.
3. Entry of Water Bodies and works under State Government Departments, Urban bodies, forest department, LRS etc.
4. Report generation for Ministry and State Department data.
5. Uploading work images and videos.
6. User Registration/Management.



Technical Training on “Unified Farmers Portal” (<https://kisan.cg.nic.in/>)

To simplify the application/registration process of Farmers getting benefitted

from various government schemes a unified farmer portal has been designed and developed by NIC Chhattisgarh. A one-day training cum workshop on the Unified Farmer Portal was organised by Agriculture department with the help of NIC Dhamtari at Zila Panchayat Dhamtari on 03rd October 2021.

Step by step workflow of entire module was presented by NIC and detailed online demonstration was given to the officials. Farmer's registration, Updation in registered crop, land details, Bank details and Registration of heir through tehsildar

modules were covered during the training.

The following features were briefly covered during the training program :

- I. New Farmer's Registration for Paddy and Other Crops.
- II. How to update Crop details and Land details of Farmer using Format-II
- III. How to Update Farmers bank details (A/C No. , IFSC Code and other details). Format -III
- IV. Registration of heir in case of demise of Farmer using Tehsildar Module.
- V. Registration of Farmers for MMVPY Scheme.



Awards / Accolades NIC Chhattisgarh eCourts team received Silver Award for better dissemination and implementation of the e-Courts Mission Mode project

The award and Certificate of Merit was presented by the Director General of National Informatics Centre (NIC), Dr. Neeta Verma to Shri Sanjay Kumar Kashyap,

Total 88 Court Complexes have been identified in the State of Chhattisgarh for Computerization, of which 23 are at the District headquarters, 65 are Taluka Courts.

were running successfully. Now the Hybrid court having facility of virtual and physical hearing is running in High Court. Latest version of CIS is installed in High Court.



Shri Deepak Kumar Tiwari, Registrar General, Shri Sanjay Kumar Jaiswal, Registrar (I & E.) and (Vig.), Shri Shahabuddin Qureshi, I/C Registrar (Computerisation)-cum-CPC, Shri Atul Kumar Shrivastava, Additional Registrar (ADM.) joined for Group Photograph with Shri Sanjay Kashyap.

Scientist-C and OIC NIC High Court on 1st October 2021 for outstanding performance and valuable contribution in expansion of e-Courts Project. DDG and HOG Shri M. K. Mishra, HOD Shri Ashish J. Shiradhonkar, Shri Amol K Avinash, NIC Hqrs eCourt technical team, DDG & State Coordinator Shri Sanjay Kapoor, DDG & SIO Chhattisgarh Dr. A. K. Hota, Shri Surendra Agrawal, TD & State Coordinator for eCourts project, team of NIC Chhattisgarh were present in this virtually organised Award Ceremony.

Latest version of Case Information System (CIS NC 3.2) have been implemented and running smoothly in all these Courts. Apart from this one Commercial Court is also functioning and having latest version of CIS. Under the able leadership of Hon'ble Acting Chief Justice and Guidance of Hon'ble Chairman of Computerization Committee N-Step, ICJS, ePayment, eFiling and Virtual Court are implemented successfully. During covid-19 pandemic lock down Virtual courts

ई-कोर्ट

देश भर में छत्तीसगढ़ हाईकोर्ट में पाया गया बेहतरीन कार्य

पब्लिक न्यूज नेटवर्क

छत्तीसगढ़ ई-कोर्ट प्रोजेक्ट के बेहतरीन कार्य को छत्तीसगढ़ के मुख्य न्यायाधीश के नेतृत्व में राज्य सरकार के द्वारा (एनआईसी) के सहयोग से जलदायक न्यायिक प्रणाली का विकास किया गया है।

हाईकोर्ट की इस उपलब्धि को कल्याणनगर के मुख्य न्यायाधीश के नेतृत्व में राज्य सरकार के द्वारा (एनआईसी) के सहयोग से जलदायक न्यायिक प्रणाली का विकास किया गया है।

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सुप्रीम कोर्ट के निर्देश अनुसार ई-कोर्ट प्रोजेक्ट का संचालन

हाईकोर्ट को एनआईसी का सिल्वर अवार्ड

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