

"Develop success from failures. Discouragement and failure are two of the surest stepping stones to success."

—Dale Carnegie

National Informatics Centre

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Happening

Hon'ble CM, Chhattisgarh released the publication titled '**Leveraging Innovations in Agriculture**'



Knowledge and Technology Resource Centre, IGKV and NIC, Chhattisgarh. It has covered various initiatives under Smart Kisan including Farmer's e-Club, e-Krishi Panchang, Ask Expert, Knowledge bank, Crop Doctor, Custom Hiring, eHaat etc.

Shri Bhupesh Baghel, Hon'ble Chief Minister, Chhattisgarh, inaugurated the newly constructed Krishi Vigyan Kendra building, Akti Biodiversity Museum, newly constructed Knowledge Center building and recording studio, Phytosanitary laboratory located at Indra Gandhi Krishi Vishwavidyala (IGKV) campus on 8th October 2021.

Shri Bhupesh Baghel, Hon'ble Chief Minister, Chhattisgarh released the IGKV eGovernance publication titled "Leveraging Innovations in Agriculture" compiled by scientists of

Agriculture and Biotechnology Minister Shri Ravindra Choubey presided over the function. Shri Satyanarayan Sharma, MLA, Raipur Rural, Shri Pradeep Sharma Agriculture Advisor to Chief Minister, Dr. Kamalpreet Singh, IAS, Agriculture Production Commissioner, Dr. S.K. Patil, Vice Chancellor - IGKV, Prof. Dr. R.R. Saxena, Associate Director (Research), Dr. A. K. Hota, DDG & SIO, Shri Y.V.S Rao, STD and Shri Abhijeet Kaushik, Scientist-C, NIC Chhattisgarh, were present on the occasion.

NIC Chhattisgarh presented Tele Practice in the National Education Conclave held on Nov 14th and 15th.

Government of Chhattisgarh has organised Jawaharlal Nehru National Conclave during 14th & 15th Nov 2021, in which 27 states and 2 union territories participated. Hon'ble Chief Minister Shri. Bhupesh Baghel has released the document 'Vision 2030 for Education'. The conclave has been addressed by Nobel laureate Dr. Abhijeet Benarjee and Eight panel discussions have been chaired by different education experts.

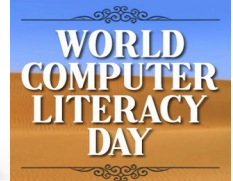
The conclave included presentation on 'Tele Practice' from NIC, Chhattisgarh. Dr. A. K. Hota, SIO, NIC, Chhattisgarh and Shri. A. K. Somasekhar, Sr. Technical Director presented the platform.

Tele Practice is a technical platform to conduct oral quiz or enable speaking practice by students, using social media platform 'TELEGRAM' and back-end processing using 'Python'. Teacher creates a Telegram group and adds students of a particular class. At the



scheduled time all the students participate in the quiz from their homes. Teacher puts a question image in the group, students give answers as a voice messages. A python program shall create personalized videos for each student with their name, photo and voice answers given by the student. The videos are available for the teacher to assess and grade them. System gives randomized gifts to the student to gamify the oral quiz.

Madhya Pradesh and Andhra Pradesh have expressed their interest to use Tele Practice in their states.



Collector handed over Certificate of Indian Citizenship at Balodabazar

Three Pakistani nationals of Balodabazar were presented certificates of Indian citizenship generated from the Indian Citizenship Portal by Shri Sunil Kumar Jain, IAS, the Collector and District Magistrate, on 16th Nov 2021. Shri I. K. Elesela, IPS, SP,



Balodabazar, Dr. Faria Alam Siddiqui, the CEO, District Panchayat and other officers were present on the occasion.

Online application has to be made on government of India portal <https://indiancitizenshiponline.nic.in> to obtain Indian citizenship certificate.

To ensure smooth functioning of the portal, the training was imparted by Shri Ashok Banjare, Sr. Tech. Director, NIC from State and the technical coordination at District level was extended by Shri Satyanarayan Pradhan, District Informatics Officer.

Observation of Cyber Security Awareness Month in NIC Chhattisgarh



Month of October was observed as Cyber Security Awareness month in NIC Chhattisgarh. On 30th October, the concluding day, Shri Rajinder Kumar Vij, IPS, Special DGP

(Cyber Cell), Chhattisgarh joined to address the officers. Welcoming the guest SIO presented a brief life sketch of Shri Vij and highlighted his contribution in modernization of Policing starting from implementation of CIPA to CCTNS, ICJS and Cyber Cell at Chhattisgarh. Shri Vij speaking on Cyber Security highlighted on various aspects of Cyber Crime and initiatives of GoI as well as State Govt. to address such crimes. Presenting different case studies he emphasized the use of National Cyber Crime

reporting portal and urged to follow CyberDost twitter handle of MHA. State Govt. is planning to have one hour awareness session on every Wednesday for college students. He asked for support of DIOs in this initiative and invited all to visit the Cyber Lab established at Chhattisgarh. He patiently replied to the queries of officers and praised the keen attention paid by them to listen to him. He also agreed to the idea of one exclusive awareness session for NIC officers.



eGOV Product

CSERC E-filing and web portal for online filling of Petitions

The Chhattisgarh State Electricity Regulatory Commission (CSERC) was constituted by the Government of Chhattisgarh in 2004 with the objective to guide and facilitate reforms in the electricity sector in the State for the promotion of efficiency, economy, competition and consumer satisfaction.

E-Filing is Electronic Filing of Petitions / Reply / Rejoinder / Objections / Written submissions and other related documents by any stakeholder or person before the Electricity Regulatory Commission. The various Stakeholders include the State Utilities, Private / Joint Venture Companies, Advocates / Law firms, Individuals, employees etc. Petitions can be related to Power purchase agreement, License, capital investment proposal, tariff etc.

Workflow of eFiling

Step 1: One time registration in the portal: eMail address and Phone numbers are authenticated with OTP.

Step 2: Online Filing of the Petition: After final submission of Petition a diary number is generated and email confirming the same will be send.

Step 3: Scrutinization by SCERC: In case a defect is found the notification is sent via email, else the petition is registered and petition number is allocated and notification is sent via email.

Step 4: Online Filing of replies/ rejoinders: Corresponding to any deficiency notified, the party or lawyer may rectify the defect and

Features of Project

- | | |
|---|--|
| <p>01 e-Filing of Petition Users (advocate, organization, individual, employee) register on portal, file petitions and track petition status</p> <p>02 Hearing Schedule Public users can see petition hearing schedule</p> <p>03 Proceedings PDF Generate When CSERC add proceedings then PDF file is automatically generated and mailed to related stakeholders</p> <p>04 Smart Dashboard / Summary Report Users see smart dashboard after login</p> | <p>05 Additional Submission Stakeholders can upload additional documents related to petition whenever asked for</p> <p>06 SMTP Gateway Integration All users receive hearing notice, proceedings etc. through email</p> <p>07 SMS Integration All users receive SMS when hearing schedule is added by CSERC</p> <p>08 Grievance Redresses CSERC portal provide Grievance Redresses</p> |
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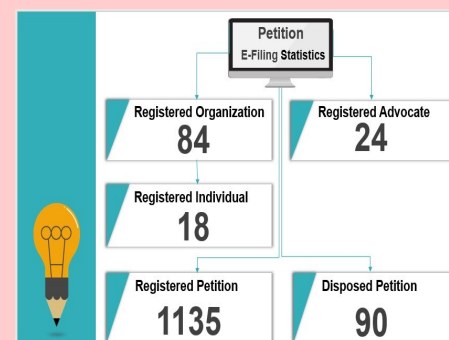
upload the fresh document / petition, written submission / additional information etc. through their interface.

Step 5: Allocation of Date of Hearing**Step 6: Status updation and Uploading of Proceedings / Judgements****Features of eFiling**

- Petition-wise search to upload the documents pertaining to any particular case
- Documents uploaded by the petitioner are visible to CSERC, advocates and respondents
- SMS/E-mail alerts related to current case status.
- Consolidated Cause list search feature for advocates and litigants
- Feedback / grievance portal for public to register their issues and their redressal status as acted upon by CSERC.

• Checklist feature that aids the parties in compiling their filing documents with specified rules like documents requirement, size, type etc. saving their precious time in doing rounds of the Commission.

• Smart Dashboard / petition summary provided in role based login aiding them in quick referencing of their current status.



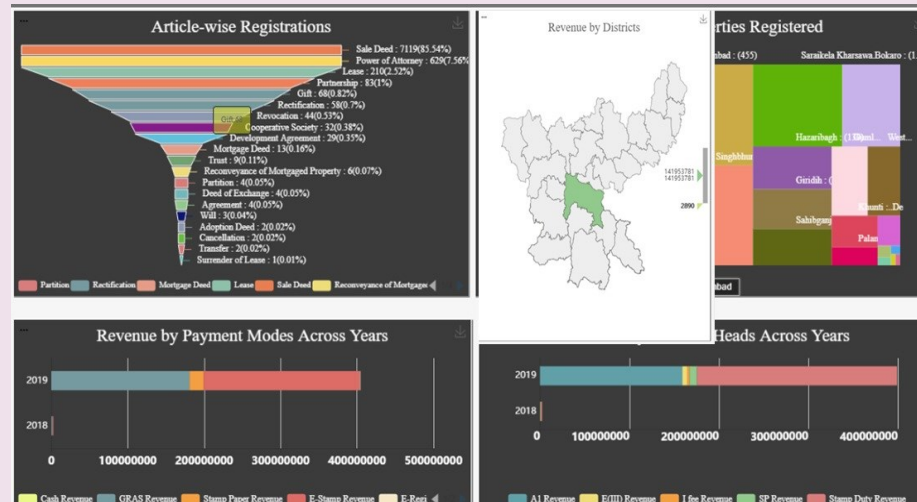
TechNica

TEJAS – A Visual Intelligence Tool from NIC

TEJAS is an easy, powerful analytics tool developed by NIC and NICS, which provides critical business insights into the available data. It is a complete data preparation and analytics platform that can discover, prepare and analyse data and deploy analytics at scale for deeper insights. TEJAS is a simple drag and drop interface for designing dashboards. We can source data to TEJAS from different sources like flat file, database or through API.

TEJAS is integrated with Bharat Maps to create visuals on geographical areas like Districts and Blocks. TEJAS is integrated with SANDESH, which is a government instant messaging application to give alerts. TEJAS is integrated with PARICHAY for giving Single Sign On for all government employees. TEJAS provides in-memory database for faster response. TEJAS is built on open-source technology, using micro service architecture to offer 'No-code', 'Low-code' platform for creating dashboards. TEJAS is now available in SaaS model on NIC Cloud.

Chhattisgarh is currently standing on gold



mine of data, created through many departmental applications running for years. The data needs to be mined, analysed, visualised to get insights and create government intelligence, which can easily be done using TEJAS.

NIC is currently offering TEJAS on its staging

server at free of cost with full features. Departments can approach NIC to prototype their dashboards. When departments find value on the dashboard and created intelligence, they can license through SaaS model or in 'On premises' mode.

Spotlight

Excerpts from the DG NIC's address at 4th Digital Transformation Summit & Awards "Citizen Centric Digital Transformation in the Public Sector"



Everybody, irrespective of the language or technology or education barrier, should be able to access something which was not really foreseeable. With the kind of development in emerging technologies, especially text to speech, speech to text translations and voice recognition seen in our day to day life, it should also be brought into e-governance applications so that our citizens in the rural area which we call at the bottom of the pyramid can also be benefitted. If you have seen our real life, technology is available. We just need to really deploy it at large scale and deploy it more and more in Indian context because our number of languages and dialects are huge.

We need to bring in the system where people are using one interface by signing on. One should be able to access all services, which is available to him through government, at one place.

Another thing is you need to really have the data driven insights being generated into real time, which could be fed to the people who are managing the large level programs. The whole concept of agile policymaking, agile governance, driven from the concept of agile development of software system is something really getting a lot of attention.

Now, if you want a citizen to be given access from one place or if you want to have real-time data driven insights, you really need to connect these systems to enable them to exchange data. In fact, there are a lot of such core data elements which form the core of governance. If that could be done and then opened up to be used by all other systems, it can not only help us in giving those connected single point services to citizens where they do not have to go to multiple offices to apply again and again.

A lot of such initiatives are being considered

under ease of doing business. This can also be used to do things like fraud detection modules and to make sure that misuse or breaches of the system can be minimized to great extent. Government of India already has the open API policy in place. Therefore all IT systems which are being developed now should have these APIs. We have set up the API exchange at national level. Over 14,000 government IT systems are being hosted in our data centers across India. I feel with this kind of API exchange in place, all IT system, not only the new IT systems, even the already existing digital systems at the core of government, should also really upgrade themselves to be able to sharing data through API. And with that we should all work together, connect, build this hyper connected system to give that true super app to our citizens. One app and you access everything here at one place.

Resonance

Launch of Himachal Pradesh Agriculture Produce Procurement Portal

The Himachal Pradesh Agriculture Produce Procurement Portal has been launched on 11th October 2021 by Hon'ble Member of Assembly from Chintpurni.



HP Agriculture Produce Procurement Portal home screen at <https://hpappn.nic.in>

The Farmers can register online in the portal by linking their digitized land records and after verification by Revenue or Agriculture officials, they can check availability of

procurement slots in different markets. These markets have been set up by Food Corporation of India who are procuring paddy from farmers in the State. This is the first time that online facility has been provided to farmers for crop procurement on MSP. After taking Date wise tokens, farmers need to take their produce to these Markets and get the Bill of Sale as per procedure. Accordingly, the FCI will transfer funds to farmers through electronic mode in their registered bank accounts.

The Department of Food, Civil Supplies and Consumer Affairs, Himachal Pradesh is the nodal Department for procurement process. The Revenue and Agriculture Department officials can verify the farmers and their crop sown area to enable farmers to get Tokens for selling their crop. The FCI has software interface for Mandi operations to view date wise tokens, receive crop, generate Bill of



sale, transfer funds to farmers and other MIS reports.

NIC Himachal Pradesh has developed the software for the procurement portal by integrating it with digitized land records so that authenticity of farmer is verifiable. The software is role based and MIS reports are available to different sets of users.



District in Focus

BILASPUR - Committed towards Digital Governance

Bilaspur city is about 400 years old and is named after the Fisher-woman named "Bilasa". NIC Bilaspur District centre is playing a key role in the implementation of major IT Projects in all the departments of district and is actively promoting e-Governance culture in the district.

The district website is hosted on secure S3WAAS platform and covers all important information of the District. The website has received Certified Accessible Website certificate by STQC.

Other important sites hosted include portals of Divisional Commissioner, Board of Revenue, District Police, Chhattisgarh State Legal Services Authority, State Mental Hospital, Govt. E.R. Rao Postgraduate Science College, Bilaspur etc.

In Jan Chaupal program citizens of the state come to CM house on every Wednesday. Honourable CM meets the public and listens to their grievances. The whole process of janchaupal is computerized for effective monitoring and redressal of their grievances Online. Foreigners Registration Application online system is utilized by foreigners for filling their online application for registration, visa extension, change of address, change of

port, change of route, exit permit etc. India Citizenship Online Application facilitates eligible foreign nationals to apply online, fee payment and upload documents for Indian Citizenship.

All the courts from Collector to Naib Tehsildar are registered in the Revenue

Court. The Revenue Court Case application covers the total workflow starting from registration of cases to the final disposal, including writing the order letter, recording the evidence and passing the final order etc.

Time Limit Letter Disposal System is a web-based application for monitoring various e-types of letters received by the Collector. Awaas software facilitates issue of online colony building permission to the Colonizer within a time limit of 100 days.

DMF (District Mineral Fund) is envisaged to computerize the workflow of DMF fund utilization in district, to work for benefit of persons and area affected due to mining related operations.

NIC Bilaspur has provided extensive support for the smooth conduct of Elections by implementing various IT applications such as Polling party creation and randomization of EVMs and Micro-observers, CTOPP and C-VIZIL, Poll Day monitoring system, Genesis, Electronic Transmission Postal Ballot

From Collector's Desk:

NIC District centre is providing continuous support in implementation of various IT related projects in Bilaspur District.

The support of NIC for operation of high-speed internet and video conferencing services is truly remarkable.

Dr. Saransh Mittar (IAS)

Collector & DM Bilaspur

During the pandemic, NIC provided IT support in implementation of AarogyaSetu, COVID19-Hospital Bed Status, CM Relief Fund and many more.

I am hopeful that NIC will continue to spread IT awareness to actively support the e-Governance initiatives of the District Administration.

DMF:

- No. of Projects Sanctioned - 1747
- No. of Projects Completed- 793
- Amount Sanctioned (in Cr)- 313
- Amount Spent (in Cr)-207

Revenue Court:

- No of Active Courts- 31
- No. of Registered Cases - 58473
- No. of Disposed Cases - 48806
- % Disposed - 83.5%

TLMIS:

- No of active Users - 130
- TL Received - 4605
- TL Disposed - 4583
- % Disposed - 99.5%



System, Counting software etc.

Central projects like CPGRAMS, e-Hospital, IVFRT, Arms Licensing Information System, Vahan, Sarathi, iRAD are implemented in the district.

State Projects like Bhuiyan, Bhu-Naksha, eManec, e-Karmic Sampada, e-Kosh and e-payroll, Jan-shikayat, Samadhan, e-Koshonline, e-Prosecution, e-sparrow, e-Prison, e-Gazette, DPR Tender, File Monitoring system etc. are running successfully.

Network Support has been extended to High Court, District Court, Commercial Tax, Central Jail, FCI, Krsihi Upaj Mandi, Central University, Tehsil Office, Zila Panchayat, SP Office, Collectorate LAN etc.



Sh. Arvind Yadav
Scientist-E & DIO



Awards / Accolades

E-filing portal of CSERC bags Digital Transformation Summit Awards 2021 (in G2C Services category)



Governance Now, organized the fourth edition of "Digital Transformation Summit & Awards" on 18th November 2021. The Petition e-Filing system of CSERC received the award for digital transformation services under G2C category.

Shri Hemant Verma, Chairman of the CSERC received the award on behalf of the department. He also appreciated the technical support

rendered by NIC Chhattisgarh for development of this portal and congratulated whole team of NIC Chhattisgarh.

NIC team Sh. Satyesh Sharma, Sh. Saurabh Dubey, Smt. Jyoti Sharma and Sh. Rajesh Dewangan headed by Dr. A. K. Hota, DDG & SIO had joined the ceremony virtually.

Dr. Neeta Verma, Director General, NIC had delivered the keynote address of this Summit.