

"Be yourself; everyone else is already taken."

- Oscar Wilde



HAPPENING

Inauguration of Online Editorial Management System



Prof. (Dr.) Girish Chandel, Hon'ble Vice Chancellor, Indira Gandhi Krishi Vishwavidyalaya has inaugurated Online Editorial Management System

for official Journal of IGKV (**Journal of Agricultural Issues**) for the Researchers, Scientists and Students of different discipline of agriculture on 20th April 2022 at Indira Gandhi Krishi Vishwavidyalaya, Raipur. Shri Sanjay Kapoor, Deputy Director General and State Coordinator, NIC, New Delhi, Dr. A.K. Hota, Deputy Director General & SIO, NIC State Centre, Raipur, Dr. R. R. Saxena, Associate Director, IGKV and other senior officials of IGKV & Agriculture Department.

Hearty Welcome



Shri Rajesh Gera

Director General

(assumed charge on 1st June 2022)

Launch of "e- KrishiRojgar" – a Mobile App for the farmers of Chhattisgarh



Hon'ble Chief Minister of Chhattisgarh, Shri Bhupesh Baghel inaugurated E KrishiRojgar an Android-based Mobile app for the farmers of CG, on the occasion of state level festival "Aki Tihar Evam Mati Pujan Divas" on 03rd May 2022 at Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur in the presence of Shri Ravindra Choubey, Minister of Agriculture, Dr. Girish Chandel, Vice-Chancellor, IGKV, Shri K.P. Singh, APC Govt. of Chhattisgarh and other Officials from the IGKV, NIC and Agriculture Department.

E Krishi Rojgar mobile app has been developed by Indira Gandhi Agricultural University and NIC Raipur to make farming more accessible through digital revolution to the farmers. This App is the first of its kind in the country providing facility to the agricultural graduates, technicians skilled in maintenance and management of agricultural

equipment, youth having knowledge of agricultural enterprise, farmers having knowledge of advanced agriculture etc. to register themselves so that farmers who give and receive employment can contact for employment. It is a step to offer opportunity to increase their income according to their qualifications and skill.

Besides providing services related to traditional farming, dairy, Poultry Farming, Bee keeping Mushroom Farming, consultation on advanced agriculture, entrepreneurship on agriculture etc. the App also provides videos of various crops for advanced farming, Knowledge and information related to Agriculture etc.

Major Objectives of Mobile App:

1. To provide employment opportunities related to agriculture to the agricultural graduate students in the nearby areas according to their qualification.
2. To provide online medium for employment related to agriculture to all the youth and farmer brothers of Chhattisgarh.
3. To make available the information of technically competent persons online for performing agricultural related works.
4. To encourage and expand agriculture-related startups and provide proper means.

Inauguration of District hospital and mother-child hospital by HCM Shri Bhupesh Baghel

Virtual inauguration of District hospital and mother-child hospital in Korea is done by Honourable Chief Minister Shri Bhupesh Baghel. District hospital has 200 general beds and mother-child hospital has 50 bed. Cost of district hospital is 35 crore and mother-child hospital is 9 crore. Thus total cost is 44 crore. Virtual inauguration was held in presence of Vidhanshaba Speaker Dr. Charan Das Mahant, MP Shrimati Jyotsana Charandas Mahant, Health Minister Shri TS Singhdev, Home Minister Shri Tamradhwaj Sahu, MLA Dr. Preetam Ram, Commissioner Health Dr. CR Prashanna, Managing Director CGMSC Shri Abhijeet Singh and other public representatives were present virtually from CM house Speaker house and their offices. From district Korea, Parliamentary Secretary and MLA Ambika Singh Dev, public representative and Collector Shri Kuldeep Sharma, SP Shri Prafulla Kumar Thakur, CEO Shri Kunal Dudawat were present.

Proposed hospital will be in three floor and has area 22950 Sqm. (246942 Sqft.). This hospital will give new direction in health for citizen and mother-child of Korea district. This hospital will be function with Radiology-MRI, CT-Scan, X-ray, ECG, ICU, NCR, SNCU, Operation theatre, Trauma centre, Lab, registration counter and other required services.

Training Programme on eOffice organised for Staff Selection Commission (MPR), Raipur, Chhattisgarh



The Staff Selection Commission Madhya Pradesh Sub-Region is in Pandri, Raipur, Chhattisgarh and its jurisdiction covers both Madhya Pradesh & Chhattisgarh. As per the instructions of SSC HQ, New Delhi eOffice is going to be implemented in SSC Regional office from 17.05.2022

Before the implementation, a training session on eOffice was needed for all the Officers and Staff of SSC (MPR) who will be in the channel of submission of files in the e-Office module. In this regard a training programme on eOffice was organised by NIC CG State Centre, Raipur, Chhattisgarh on

dated 12-05-2022. Total 10 officers and staff of the SSC office participated in the training programme.

The training programme was quite interactive and fruitful discussions held on various features of eOffice product. All the queries and doubts of the participants were answered.

The training on eOffice was provided by Shri Ashok Maurya, Scientist-F & eOffice Coordinator, Shri Shreekanth Pandey, Scientist-C and Shri Ashok Kumar Banjare, Scientist-F & SSC Project Coordinator.

eGOV Product

"Online Editorial Management System"

Online Editorial Management System has been developed by NIC Raipur in collaboration with Indira Gandhi Agricultural University. It is an online submission of papers and peer review tracking system for publication in Journal of Agriculture Issues (JAI). This is a Customized Management System for publication of all types of research paper like Full length, manuscript, short notes etc. System is role and work flow based where every role has a working main menu that is customized for that role, showing which tasks that role needs to take care of and allowing the role to keep easy track of the various types of papers in the system and send reminders to other roles where necessary. System provides fully automatic system for each role for publication of papers on JAI journal. Whether you are an author, editor, or reviewer, you can access system from anywhere.

Roles in Online Editorial Management

1 **Author** is a person who wants to publish research work in JAI. First time me users of system need to register as author, using customized web portal via the 'Registration link'.

2 **Editors** have a responsibility to maintain the integrity, consistency, and reputation of the JAI journal by assuring the selection of appropriate reviewers to identify quality manuscripts, and by efficiently managing the peer review process.

3 **Reviewer** has to review the manuscript as per his/her field. After careful review one has to give necessary comments

as he administer and looks after every step taken after the work is edited and before the

Solient Features

Automation of Publication of papers

System is capable enough to deal with the all planning phase of Journal publication. It should be able to collect information from Author, Editor, Reviewer and publisher via its online portal and set up all work flow, process and generate automated Online Journal.

Customized paper rules

System will process various paper, based on regulation, format and type of papers. It will categorize them according to parameters set by editor.

Easy Publication

Software system is a automated submission of paper, online review and other activities, making it easy for to get the automated journal.

Instant Notifications

The system will provide instant notification of activity, assessments, to author, editor, reviewer and publisher.

Configurable Roles and Permissions

Software is capable to provide proper access and set up verified roles, ensuring that individual role have full control. This way Editor in chief can monitor the accessibility levels of individual and get the results published in an unbiased way.

Certificate Generation

Software is able to provide Annual member certificate / Life time member certificate / Renewer certificate.

Reports and Dashboard

It has ability to produce different kinds of real-time reports for different roles. System provides dashboard to each roles based on their activity to track all the process.

Work Flow

01 Submission

- Online Registration and Login by Author
- Online Article submission & fee payment of paper

02 Screening & Editing

- Initial screening of contents by Editors
- Reject if found >10% plagiarism
- Assign Reviewer

03 Review

- Assign Reviewer
- Peer review process
- Accept or reject article (Editor)
- Revision of article by Author
- Final Review

04 Publication

- Accepted for publication (Editor-in-chief)
- Proofreading and editing of articles
- Published all articles in journal

System:

There are mainly four types of Roles in the system.

and marks as per Review Form and send back to the Chief Editor in the time limit.

4 **Publisher** also holds a responsible position

work is out in the internet. Any major decision cannot be taken without the consent of the publisher.

Technica

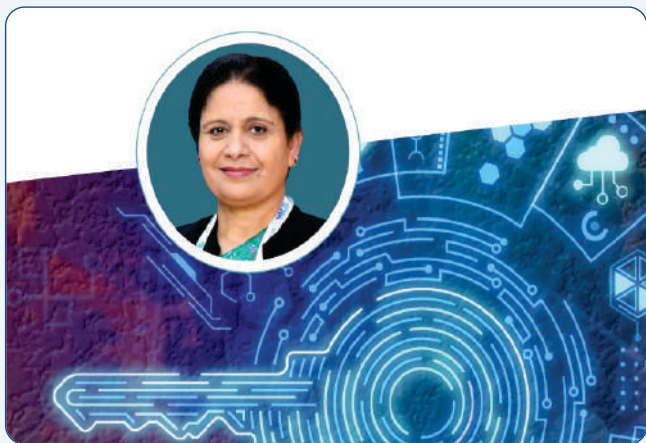
Blockchain for Government: Issues and Challenges



In the technical development program held during 21st & 22nd Apr 2022, Dr. Sumeet Gupta, Professor, Information Technology & Systems, IIM, Raipur has delivered a talk on 'Blockchain in Government'. India's Blockchain journey officially started with the release of Policy document by MeitY. Government has decided to use Hyperledger fabric. CDAC has done a Hyperledger for land records. NIC has opened 'Centre of Excellence Blockchain', which has come out with Certificate chain to securely store and retrieve different certificates issued by the Government, Boards and Universities. Various states are experimenting with Blockchain. Various usecases for Blockchain include Land Records, Chit fund business (Chit Monk), Vehicle Life-cycle Management, Voting in Municipal Elections, Seed tracking. IBM has developed a Blockchain based solution for farmer's loans where the entire expenditure of the loan is registered in the blocks and hence can be traced. Some of the challenges found in implementing Blockchain technology include to be compatible with Legacy Systems, Technology adoption and Performance & Scalability issues. Blockchain by principle keeps a trace of every transaction. There is an argument that people should have 'Right to Forget' which Blockchain doesn't provide. It should also be addressed in the future.

Spotlight

Blockchain for Governance and Beyond



The sovereign identity parameters including IDs, documents, etc. enable citizens to partake in various interactions with the government for accessing services and benefits. There has been a constant lookout for robust Technology-enabled solutions for authentication and validation of records. Blockchain technology's unique combination of cryptography and distributed peer-to-peer network of nodes allows a tamper-resistant, append-only and immutable ledger that can maintain confirmed and validated data in a trusted ecosystem. Improving trust in transactions and information processing is the fundamental advantage of blockchain over other tools and

technologies. As a thumb rule, blockchain can be implemented in areas where there is a need to improve or establish social trust. Blockchain technology can reinforce transparency across supply chains, public finance, academic records, identity, land records, etc. Blockchain adoption can provide several benefits by enhancing democratic governance and accountability of existing processes. It enables traceability of information and prevents unduly modifications. End-to-end asset life cycles including ownership and provenance can be tracked. Smart contracts eliminate the misinterpretation of business rules and reduce their discretionary application.

Blockchain unlocks the value of data trapped in sedimentary organisational silos by allowing users to own and control their data sharing through private and public keys. Moreover, the adoption of Blockchain in governance does not require the replacement of existing systems. The existing digital systems continue to

function with digital transaction/data at critical stages in the workflow process being stored in the blockchain or read from it.

We need a framework for technology design and implementation to realize the true potential of blockchain technology in the public sector. NIC's centre of Excellence (CoE) in Blockchain technology provides a platform for government departments and agencies for consultancy, capacity building, and an incubation centre to develop Proof of Concepts. CoE has accomplished significant use cases and applications in the form of certificate chain, logistics chain, remote voting and property chain.

I believe that the adoption of blockchain technology in Digital Governance applications will give the necessary impetus to move towards entitlement-based service-delivery, integrated systems and transparent processes.

Let's work with the CoE for finding the right use cases and discover the true potential of Blockchain technology in public governance.

Best wishes,
Dr. Neeta Verma
(Director General, NIC)

Resonance

Online Exam for (Directorate of Educational Research & Training), Meghalaya using PBOX



Online examination is becoming the trend in the academic institution

specifically after the COVID 19 pandemic. NIC has developed the PBOX which is capable to handle exam both in centralized online mode and decentralized on-campus mode keeping eyes on the requirement of the rural India and scale of the operation. It provides modules like QPAD which may be used for Question Paper Authoring and Dispatching, Smart Lock App for endpoint security, Exam centre Server module etc. with network resiliency capability specifically designed for rural India. NIC got a privilege of on-boarding two exams, Primary School Scholarship & Upper Primary School Scholarship on PBOX platform as requested from Directorate of Educational Research & Training, Government of Meghalaya which became living lab with all parameters for benchmarking like testing network resiliency due to rural network connectivity of a NE state, user friendliness of the system as candidates appearing exam are from class 5th & 7th only. NIC, Odisha took the challenge but followed a planned strategic trajectory to avoid any

possibility of hassle to students during this process. NIC, helped the department to provide data in proper format, took sufficient time for preparation, Exam centre in-charges were trained to help students, organized 5 rounds of mock test till the students became confident enough, setup a control room at NIC

Odisha to avoid any hassle to the children. Total 8 rounds of examination were conducted successfully involving 935 students from Tura, Williamnagar, Jowai, Khliehriat, Nongstoin, Mairang, Sohra, Ampati, etc across the state of Meghalaya in Hindi, Garo, Khasi, Bengali, Nepali, Assamese & English languages. NDC Bhubaneswar datacenter team also supported well during the exam to keep the infrastructure glitch free.



On behalf of the Directorate of Educational Research and Training, we would like to extend our heartiest appreciation and gratitude to all the officials from NIC Odisha and NIC Meghalaya for all their support, contribution and cooperation we had received for the last few months and especially in the successful conduct of the exams. We cannot only thank you but also our prayers and best wishes are with you and especially in your future endeavors. We look forward to your cooperation and guidance in the near future. Thank you once again. God bless.

*Message from Controller of Examination, DERT,
Meghalaya.*

HAPPENING

A Day Long Capacity Building Programme On e-Prisons At Central Jail Durg, Chhattisgarh

Central Jail Durg conducted a day long training program on ePrisons application suite developed by NIC on 1st May 2022. Nodal Officers and Operators from District Jail Rajnandgaon & Kabirdham along with Sub Jail Balod, Dongargarh, Bemetara and Khairagarh participated in the training program.



Shri Manish Kochar, Technical Director, NIC Chhattisgarh State Center demonstrated application suite which provides the vital information about the inmates lodged in the prisons, in real time environment to the prison officials and other entities, involved in Criminal Justice System. Hands on session was conducted for modules including Prisoner Information Management System, Visitor Management System, Hospital Management System and Prison Management System modules.

Central jail superintendent Shri Yogesh Singh Kshatri addressed the participants and explained benefits of ePrison along with its integration of all the activities related to prison and prisoner management in the jail. He also thanked NIC for the support and user-friendly modules covering all the aspect of jail.

Inauguration of Central jail video conferencing service

On dated 30-04-2022 video conferencing facility has been started between Central Jail Bilaspur to district court Bilaspur.



The video conferencing services of central jail witness box and district court room will be functional on 1-1 basis connectivity i.e. simultaneously 7 courts and 7 witness boxes can be operational for judicial proceeding at a time. The video conferencing was inaugurated by the Hon'ble Justice Shri P Sam Koshi of Chhattisgarh High Court. Mr. Arvind Yadav DIO NIC has given brief details about extended video conferencing facility to the Hon'ble Justice sir. Hon'ble Justice instructed superintendent of jail for further extension of the facility into more witness boxes of central jail to district court rooms.

On the occasion District Judge, Deputy Inspector General of Police, Additional Collector, S.D.M. Deputy Jail Superintendent, Additional Distt. Informatics officer and network engineers and other officials were present.

iRAD Training: Police & Health Department District. Mahasamund, C.G.

Under the guidance of iRAD District Nodal DSP **Rajesh Dewangan**, TI **Deepesh Jaiswal** and NIC DIO **Devendra Kumar**, organized training related to iRAD to improve road safety at the venue Police Control Room Mahasamund on 25/04/22. The Station In-charge (TI), Sub-Inspectors and the officers posted in the police station attended the training session.



Training was given by **DR M Umesh Soni** to achieve efficiency in the workflow of iRAD Project (Integrated Road Accident Database). Training session, covered topics like, How to Download & Install iRAD App, How to use mobile and web app for live accident case entries, How to create ID's of Police officers, and How to send requests to other department like Transport, Health & Highway.

Under the guidance of CMHO **Dr S. R. Banjare** and NIC DIO **Devendra Kumar**, another Training session was organized for Health Department Mahasamund at the venue Health Department CMHO office on 05/04/22. Training was given by **DRM Umesh Soni**. Health department is also a major pillar of this Road Safety project, because when an accident happens Health & Police workers arrive at the site on first report. Training session covered topics like How to register hospitals, how to create doctor ID, how patient entries are done etc.

Awards/Accolades

Elets Innovation Award to NGO Registration cum Recognition and Granting



NGO Registration cum Recognition and Granting was awarded the Elets Innovation Award under the category Digital Governance. The software is developed for the Social Welfare department, which facilitates the NGOs applying for fresh/renewal of grants. The software captures the entire work flow of applying as well as the approval of grants by the officials at various levels. The main stakeholders of the software are NGO, DDO, Collector, Directorate, Secretariat and Honorable Minister.

"e-MaapVigyan" is computerisation of legal metrology department. The system has facilitated the license holders – Manufacturers, Dealers and repairers of weights and measures, with the following facilities.

- Apply for the new license online from any place.
- Auto renewal facility.
- Can download the digitally signed license from anywhere.
- Online payment of the service charges.
- Online application for certification of stamping/verification.
- Online tracking of status of the application.



TelePractice is an innovative tool for oral assessment which saves more than 80% of teacher's time to conduct oral assessment and gives feedback to students in the form of auto-generated personalised videos to each student. Students use TELEGRAM as front end to give voice answers to the given question and backend python program developed by NIC Chhattisgarh generates personalised videos of students with their oral answers.



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(MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY)