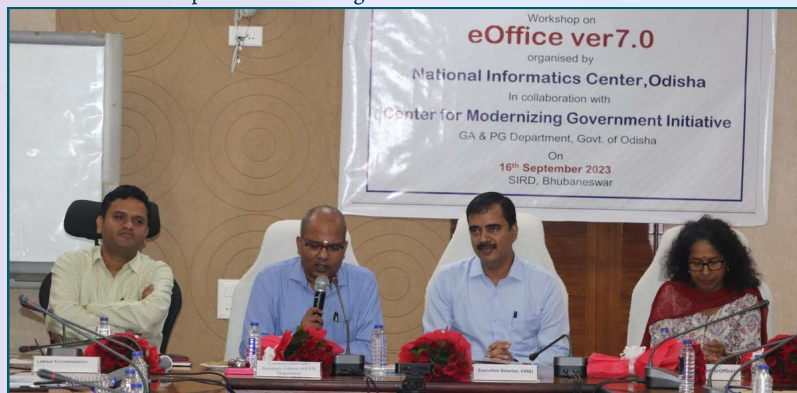## Insight

State Level Workshop on eOffice 7.0 at Bhubaneswar, Odisha

The State Level Workshop on eOffice 7.0 was organised in collaboration with the Centre for Modernising Government Initiative (CMGI), Govt. of Odisha on 16th September, 2023. The objective of the workshop was to facilitate interactions among stakeholders, showcase new initiatives under the eOffice Project, enhance awareness and adoption of new offerings, and gather suggestions and feedback from end-users through focused discussions and brainstorming.

The workshop saw the participation of over 150 officers from different departments of the Government of Odisha. Additionally, officers from all the 30 districts of the state joined through video conferencing. Shri R. S. Gopalan, IAS, Commissioner-cum-Secretary, Department of Labour & ESI, Government of Odisha, joining as Chief Guest commended the efforts of NIC in developing a robust and powerful automation software that has brought transparency to official work. He stressed the importance of utilizing the eOffice application across all departments and districts in the state.

Smt. Rachna Srivatsava, Deputy Director General (DDG) and HoG (eOffice), NIC, New Delhi, along with Shri Kapil Kumar Sharma, Senior Director (IT), delivered a detailed presentation on the latest version, Version 7.0, of the eOffice application.

Participants engaged in constructive discussions with Rachna Madam and her team to clarify doubts and confusions. The workshop provided an opportunity for districts, state departments, directorates, PSUs, and universities to share their issues and experiences at the ground level.

The Digital Transformation Conclave at Bhubaneswar, Odisha

The 11th Edition of 'The Digital Transformation Conclave', a prestigious event that brings together government officials, thought leaders, industry experts, and key stakeholders from across the country to discuss the transformative potential of digital technologies was organised at Bhubaneswar, Odisha on 15th September 2023. The theme for the Conclave was "Leveraging Emerging Technologies for Delivering Efficient, Effective & Citizen-Centric Public Services."

Hon'ble Minister, Electronics & IT, Govt. of Odisha inaugurated the conclave in presence of DC cum Addl. Chief Secretary, Principal Secretary, Electronics & IT and many other dignitaries.

Joining the Panel Dr. A. K. Hota, DDG & SIO discussed about importance of Digital First mindset in the context of Digital transformation. He discussed on the challenges in adopting a Digital First mindset and process to overcome the same. Smt. Rachna Srivastava, DDG, NIC, New Delhi joining another panel highlighted how NIC is enabling digital transformation solutions easily accessible to citizens.

More than 400 government officials, technology leaders, and luminaries from academia and other institutions participated to deliberate upon the unique challenges and opportunities faced in adopting digital technologies to enhance governance, service delivery, and citizen engagement.

National Revenue Summit–2023, Jaipur, Rajasthan – Transport Coordinator of NIC, Odisha joined as a Key Speaker

Finance Department, Govt. of Rajasthan along with Elets Techno Media Pvt.Ltd has organized the **'National Revenue Summit - 2023'** on 15th and 16th Sept, 2023 at Jaipur, Rajasthan. Revenue and Taxation Officials, Technology Leaders, Industry Stakeholders and Policy Makers joined the summit to discuss the latest trends, challenges, opportunities and innovations in revenue management.

Sri Prasant Kumar Nayak, Sr. Director (IT) & Transport Project Coordinator Odisha joined the summit as a 'Key-Speaker' and demonstrated the eDetection application developed by NIC, Odisha. He deliberated the impact of the solution in revenue generation apart from road safety.

Participating in a panel discussion on 'Digitization of Transport Services: Building trust, accountability and delightful customer experience', he shared various case studies of Odisha. He was felicitated on this occasion by Sri K. K. Pathak, IAS, Secretary, Finance, Government of Rajasthan.

Infocus

Capacity Building Drive for eOffice across all Districts of Odisha

To enhance the use of eOffice in subordinate offices of the Labour and ESI department, Govt. of Odisha, a detailed training-cum- onsite handholding was organised from 28th August to 15th September, 2023 at different Directorates and Sub-ordinates offices falling under the department. The schedule was prepared by CMGI (Centre for Modernising Government Initiates), the eOffice implementing partner of Government of Odisha. Four different groups of state level resource persons were assigned different districts at different phases to impart a 2 days training-cum-live demonstration on diaries of letters, file creation, receipt generation and file movement from one desk to another desk and other related modules on e-Office platform. These handholding sessions were conducted under the direct supervision of the DIOs, NIC and District Co-ordinators, CMGI.

A total of 78 different offices across the state participated in this exercise. Starting from Divisional Labour Commissioners, District Labour Officers, Joint/Asst. Labour Commissioners, Assistant Labour Officers, Labour Inspectors; Insurance Medical Officers (IMO) of ESI Hospitals; Deputy Directors, Inspectors of Factories & Boilers; along with their Data Entry Operators and other office staff participated. As on 11th October 2023, a total of 2429 eFiles created, 5530 eFiles moved, 2685 eReceipts generated and 8324 eReceipts moved by the department.

The attendees showed their pleasure and interest on moving from manual file management to e-Office with ease of use. They have given positive feedback that, they could monitor, manage and move files easily and transparently in e-Office application. The trainers also emphasized their availability for support, encouraging all participants to reach out, if they encounter any issue while using the e-Office platform.

MOODLE : Learning Management System (LMS) for Utkal University

Utkal University in association with NIC has set up an ICT-empowered open-source MOODLE LMS project. This aims to facilitate online learning, course management, and collaboration between teachers and students. MOODLE open source web application has been customized according to the specific requirements of Utkal University curriculum; Courses have been incorporated as per the syllabus. Sixteen departments have been taken up for implementation. Training and capacity-building programs for lecturers and students are being carried out on a regular basis. Teachers and students are enrolled and mapped with the assigned subjects and semesters. Teachers share course materials and assignments with the students. Students submit the solved assignments, which are evaluated by the teachers, and grading is maintained on the platform. Till now 7 departments having about 80 teachers and 400 students are actively participating through the platform.

Odisha onboarded Citizen Sentinel of mParivahan App

mParivahan App has been enriched with "Citizen Sentinel" option, allowing citizens to assist enforcement team to keep a check on traffic violators. On 15th September 2023, State Transport Authority, Odisha onboarded the same allowing citizens to report the 'No Helmet' violation.

One needs to capture violations of driving without helmet on their smartphones and upload the same in the mParivahan App. After verifying the captured information in the ITMS Portal, it can be pushed to eChallan portal for generation of eChallan on the name of vehicle owner. The SMS is sent to the registered number of vehicle owner. The owner can pay the fine amount online through the eChallan portal and the Challan is disposed of. Non-paying of this can be prosecuted and forwarded to Transport magistrate.

Odisha Technological Conclave, 2023

On the occasion of Engineers' Day, the "Ever Green Forum", a premier think tank forum, had organized Odisha Technological Conclave, 2023 on the theme "Role of Engineers' in Restoring India's Glory" at Jaydev Bhawan, Bhubaneswar on 15th September 2023. Shri Niladri Bihari Mohanty, JD(IT), NIC, Odisha, joined the conclave as a panelist along with other dignitaries. Shri Mohanty presenting how engineering becomes boundary-less at its matured stage highlighted the importance of engineers in making the scientists great and how India can change the perception of being a nation of cheap labour to high skilled manpower base. He touched upon the role of PPP model, Digital Public Infrastructure and eco-system development.

Broadcasting

ARTIFICIAL INTELLIGENCE (AI): BOON OR BANE || a Debate on Naxatra News

The introduction of Chat-GPT has triggered large scale debate on negative influence of generative AI in the job market. Naxatra News, the news and current affairs channel of Odisha, had organized a debate show of one hour on 'AI - Boon or Bane'. Participating in the show, Shri. Niladri Bihari Mohanty, JD(IT) shared his perception.

Visit of Smt. Rachna Srivastav, DDG to NIC, Bhubaneswar, Odisha

Smt. Rachna Srivastav, DDG and Former State Coordinator, Odisha, visited Bhubaneswar from September 14th to September 16th, 2023. She had a meeting with Shri Balwant Singh, IAS, Managing Director, OMC and other senior officers of Odisha Mining Corporation (OMC) to discuss about implementation of eOffice. OMC is using eOffice at all its field offices, which have a user base of more than one thousand.

Visiting NIC Data Centre in Bhubaneswar, she interacted with the officers regarding the deployment of eOffice. She addressed the gathering of all officers and DIOs connected virtually, commending them for their excellent work in the state.

She visited the Odisha Legislative Assembly (OLA) to review the progress of the NeVA project and had discussions with Sri Dasarathi Satpathy, IAS (Retd.), Secretary of OLA.

"eTrans –2023"– the Transport Workshop at Bodh Gaya, Bihar

Ministry of Road Transport & Highways (MoRTH) and NIC had organized a Zonal Transport workshop eTRANS-2023 at Bodh Gaya, Bihar during 1st & 2nd September with participation from 12 Eastern and North-eastern states. The purpose of the workshop was to facilitate interactions among all stakeholders, showcase new initiatives under the eTransport Project, enhance awareness and adoption of new offerings and gather suggestions / feedback from the end users through focused discussions and brainstorming.

The workshop was inaugurated by Hon'ble Transport Minister of Bihar along with Transport Commissioner, Bihar. Sri P. K. Nayak, Sr. Director (IT) and Transport Coordinator, Odisha joining the workshop presented on eDetection and EV Subsidy Portal - two important applications developed by NIC, Odisha.

Hindi Pakhwada– 2023 Celebration at NIC Odisha

Hindi Pakhwada was organized at NIC, Bhubaneswar from 14th to 29th September 2023 to increase the use of the official language Hindi and to create a favorable environment for implementation of the official language policy.

During this fortnight, competitions including Hindi dictation typing, Hindi-English translation, picture based creative writing, extempore speech and poem recitation, etc. were organized in which all officials participated with great enthusiasm.

In the closing ceremony, Prof. Ajay Kumar Patnaik, former Head of Hindi Department, Ravenshaw University, joined as Chief Guest. The Hindi version of the website https://odisha.nic.in was inaugurated in this occasion. Officers performed various activities to promote use of Hindi including singing, reciting poems, narrating jokes, short talks and staged a skit. Awards and certificates were distributed to the winners of various competitions.

Workshop on Aspirational Blocks Programme(ABP) & Block Development Strategy at Gajapati, Odisha

Two blocks of Gajapati District i.e., Gumma & R.Udayagiri have been selected by NITI Aayog for ABP programme. For implemeting the same, a Block Development Strategy has to be prepared and submitted to NITI Aayog by the end of September, 2023. A workshop cum preparatory meeting held recently at Zilla Parishad Conference Hall under the chairmanship of the District Collector.

All the concerned District level Officers alongwith the BDOs of selected Blocks have attended in a day long programme alongwith Piramal foundation team. Shri T. Balakrishnamurty, DIO, NIC Gajapati participating in the training programme explained about the ABP and how to prepare the Block Development Strategy. Based on the template provided by NITI Aayog, Block development strategy was deliberated and explained to all stakeholders.

The workshop was graced by Shri Smruti Ranjan Pradhan, IAS, District Collector and Dr. Gunanidhi Naik, DO cum EO ZP.
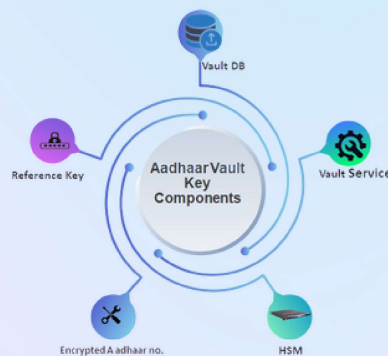
Tech Talk

AADHAAR DATA VAULT (ADV)

Aadhaar Data Vault enables e-Governance applications in eliminating Aadhaar footprint in IT eco-system and builds an abstraction layer (Reference Key) for safeguard of Aadhaar Numbers and its related data. Unique Identification Authority of India (UIDAI), vide its circular 11020/205/2017 dated- 25/07/2017, has made it compulsory to store all Aadhaar Numbers collected by Application / Authentication User Agency (AUA) / e-KYC User Agency (KUA) / Sub-AUAs / or any other agency in a Centralized Dedicated storage in encrypted form identified as "Aadhaar Data Vault (ADV)".

- Entities are allowed to store any relevant demographic data and/or photo of the Aadhaar Holder in other systems (such as customer database) as long as Aadhaar Number is not stored in those systems.
- Each Aadhaar number shall be referred as a Reference Key. Mapping of reference key and Aadhaar number is to be maintained in the Aadhaar Data Vault.
- All business use-cases of entities shall use this Reference Key instead of Aadhaar number in all systems where such reference key needs to be stored / mapped.

Aadhaar number and any connected data maintained on the Aadhaar Data Vault shall always be kept in a highly restricted network zone that is isolated from any untrusted zone and other internal network zones in encrypted form and access to it strictly controlled only for authorized systems. Keys for encryption are to be stored in HSM devices only.

IT by Tea

In the world of remote sensing the most critical part of the satellite images is its resolution.

Myth:
Resolution means the clarity or number of pixel required to display the image.

Truth:
There are four types of resolutions in the world of remote sensing called as Spatial Resolution, Radiometric Resolution, Spectral Resolution and Temporal Resolution. The size of the smallest feature that can be detected by a satellite sensor is called Spatial Resolution. For example 250m spatial resolution means that one pixel of satellite image represents an area of 250 square meters on the earth.

Radiometric resolution is the amount of information available in each pixel. For example Radiometric resolution 8 means, one pixel is represented by 8 bit which says a single pixel can store any number between 0 to 255 only. Single pixel of gray scale (black & white) image has low radiometric resolution than a color pixel.

Spectral Resolution refers to the ability of a satellite sensor to measure specific wave lengths of the electromagnetic spectrum. In simple word it represents how many different types of objects (human, plants, different rock types, etc.) it can recognize. Temporal resolution refers to the time taken by the satellite to reach at the same location again. After the concept of Cubesat (Satellites as small as 10cm X 10cm X 10cm) getting popularity, this temporal resolution has been improved dramatically. All these types of resolutions are very critical when taking decision in the remote sensing.

Publications

THE EOFFICE BROCHURE HIGHLIGHTING FEATURES OF EOFFICE 7

The eOffice brochure highlighting features of eOffice 7.0, Components of eOffice, eOffice implementation status etc. was released on the occasion of State level eOffice workshop.

PRODUCTS PROFILE

Smt. Rachna Srivastava, DDG released the "Products Profile-2023" of NIC, Odisha, which highlights eighteen projects of NIC that are being rolled out in multiple states or have the potential to be implemented in other states.

THE FIRST HINDI MAGAZINE OF NATIONAL INFORMATICS CENTRE

The first Hindi magazine of National Informatics Centre, Odisha State Centre, 'Jagruti - Ek Kadam Srijan Ki Aur' was released during celebration of Hindi Pakhwada-2023.

Maa ! ... No Hi-Tea...No IT By Tea...No T is possible without your blessings