



Dear Reader,



Each passing year brings the promise of a new beginning and the opportunity to make positive changes in one's life. Technology has transformed our lives into a global phenomenon and is now one of the most influential forces in shaping our world. For the last four and a half decades, the combined energies of our team have spirited our minds and inspired us to develop a number of digital offerings to meet the growing needs of our Government and Citizens. These offerings have not only integrated historically marginalised groups into mainstream society, but also made them a part of active governance.

As the recently assumed presidency of the G20 forum has heightened the role of NIC as the digital backbone to the Government, we have been incited to develop solutions that facilitate greater knowledge-sharing and ensure reaching citizens in the remotest regions of the country. I am confident in our capacity to seize the opportunities before us and bring honour to the organisation as a team.

I would like to extend my warm wishes.

– Rajesh Gera,
(Director General, NIC)

Hon'ble Minister launches e-Panchayat Sabha for Odisha



Shri Pradip Kumar Amat, Hon'ble Minister of Odisha launches e-Panchayat Sabha

e-Panchayat Sabha web application, <https://panchayatsabha.odisha.gov.in>, a digital workflow based Meeting Process at Gram-Panchayat Level, developed by NIC, Odisha State Centre, Bhubaneswar, has been launched by Shri Pradip Kumar Amat, Hon'ble Minister, FE & CC, PR & DW and I & PR, Government of Odisha, on 05.03.2023 at Jayadev Bhawan, Bhubaneswar on the occasion of Panchayati Raj and Lokseva Divas.

The application facilitates the strengthening of the process of conduct of meetings at the Gram Panchayat level with better intimation mechanism, record keeping, data extraction with intra & inter departmental convergence of different schemes as per the agenda of the meeting, system generated notice with agenda & minutes of meeting (MoM), attendance mechanism, information sharing, transparency, accountability and

responsiveness in various schemes and activities of the Gram Panchayat. The digital interface for conducting/ executing meetings at GP level, ensures better governance through effective monitoring and implementation of development schemes and social welfare measures.

This bilingual application automates the total flow of the meeting execution process starting from meeting initiation to receipt of minutes of the meeting by the participants of the meeting through Sandes Mobile App of NIC.

The occasion was graced by Shri Ashok Chandra Panda, Hon'ble Minister, Shri Ananta Narayan Jena, Hon'ble MLA, Smt. Sulochana Das, Mayor, BMC, Shri Sushil Kumar Lohani, IAS, PS, Panchayati Raj & Drinking Water Department, Shri Sanjay Kumar Singh, IAS, PS, I & PR Department.

NIC Odisha welcomes its new SIO



Dr. A. K. Hota, DDG & SIO welcomed by senior officers of NIC, Odisha State Unit, BBSR.

Dr. A K Hota, DDG took over charge as SIO, Odisha. All officials, both from State and District offices, heartily welcomed Dr. Hota. Dr.Hota is known for his amicable relationship with colleagues and with State Bureaucracy. While expressing his gratitude to Director General, NIC, Shri Rajesh Gera, Dr. Hota expressed his solidarity for strengthening State NIC's role as per the 5T mandate of Govt of Odisha.

NIC Bhubaneswar Organised Bootcamp on Blockchain Technology



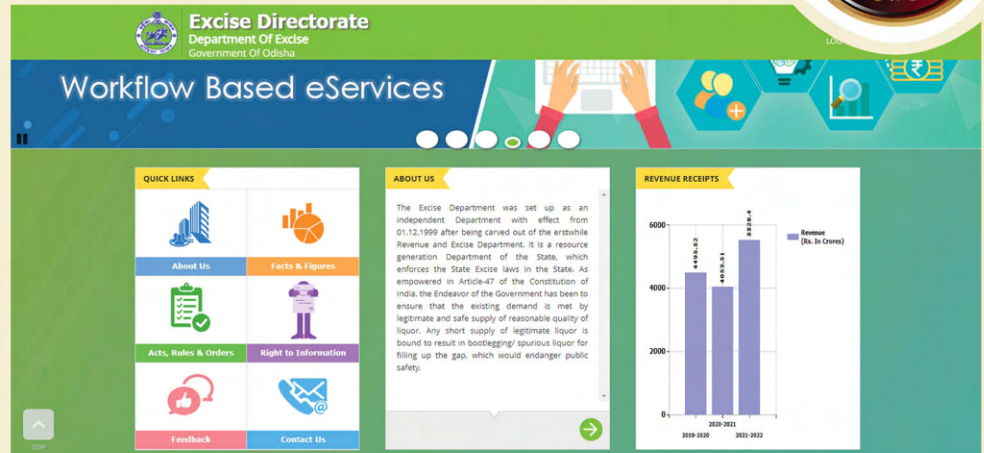
National Informatics Centre, Bhubaneswar organized a Tech Bootcamp for Senior Officers of Government on 'Blockchain Technology in eGovernance'. Sri Satyabrata Sahu, Addl. Chief Secretary, Department of Revenue and Disaster management, inaugurating the Bootcamp, highlighted that Blockchain, a distributed ledger technology, enables a layer of trust and eliminates the need for a third party to validate the transactions data. Guest of Honour Smt. Madhusmita Sahu, Joint Secretary, Department of Revenue and Disaster management has also highlighted the importance of Blockchain Technology. Participating in the Bootcamp as Guest of Honour, Smt. S. Jayanthi, DDG & Head, Centre of Excellence, Blockchain, Bengaluru, highlighted initiatives of the Centre and she informed that as a part of the project for Unified Blockchain Framework, setup is being created at Bangalore, Hyderabad, Bhubaneswar and Pune.



Dr. A. K. Hota, DDG & SIO welcomes Shri S. B. Sahu, Addl. CS in the Bootcamp in NIC, BBSR



eAbkari project is being initiated under BRAP (Business Reforms Action Plan). eAbkari application of NIC has humongous effect in the Excise domain of Government of Odisha and is acclaimed as one of finest ERP application from NIC in supply chain management. eAbkari application of NIC is under implementation at Excise Department, Govt. of Odisha since 2019 and the primary objectives are Regulate revenue generations, Monitor movement of Spirit and other intoxicates materials



Snapshot of eAbkari suite for Excise Department, Government of Odisha.

like molasses, Mohua, liquor etc., Real Time status of all the licensed units with respect to manufacturing and supply chain, Curbing of illegal manufacturing, sale and distribution of intoxicant items and License/Brand management etc.

The project is in tuned as per the 5T mandate of Govt. of Odisha supported with proper ICT intervention while bringing transparency of liquor shops through e-Lottery. The project has been highly instrumental in facilitating EoDB (Ease of Doing Business) Excise domain. Track and Trace-EAL module of the project was launched by Excise Commissioner Shri Ashis Kumar Singh, IPS in February 2023 at Excise Directorate. Shri Mainak Mukhopadhyaya, Sr. Tech Director and HoD, eAbkari, joined through VC from

NIC-WB. With Leadership of Shri Sushil Kumar Lohani, IAS, Principal Secretary to Govt of Odisha and Shri Ashis Kumar Singh, IPS, Excise Commissioner, nearly 40 e-services are implemented in Excise domain of Odisha through eAbkari during the period. eAbkari has been awarded with Digital India Gold award from Her Excellency Hon'ble President of India Smt. Draupadi Murmu and received accolades from Shri Naveen Patnaik, Hon'ble Chief Minister of Odisha. eAbkari also has been conferred with National level prestigious awards like CSI-SIG eGov Recognition, Tech Sabha award for Enterprise Architecture and Skoch Silver award. eAbkari is under implementation at nearly 10 states in PAN India level.

← Tweet

CMO Odisha @CMO_Odisha



Congratulations @exciseodisha on being conferred 'Digital India Gold Award' by Hon'ble President Smt. Droupadi Murmu for ease of doing business through e-Abkari. Dept has implemented many online modules for monitoring, strengthening of enforcement activities. #5T @rashtrapatibhvn

Tweet from the Office of Hon'ble Chief Minister, Odisha



Her Excellency Hon'ble President of India Smt. Draupadi Murmu confers Digital India Gold Award to eAbkari (Odisha), Excise Department, Govt. of Odisha, in presence of Shri Ashwini Vaishnaw, Hon'ble Union Minister of Railways, Electronics & Communications and Information Technology. Shri Sushil Kumar Lohani, Principal Secretary to Govt. of Odisha, along with Shri Asish Kumar Singh, Excise Commissioner, Govt of Odisha and Shri Nihar Ranjan Biswal, Senior Director(IT), NIC, Odisha, receives the award.

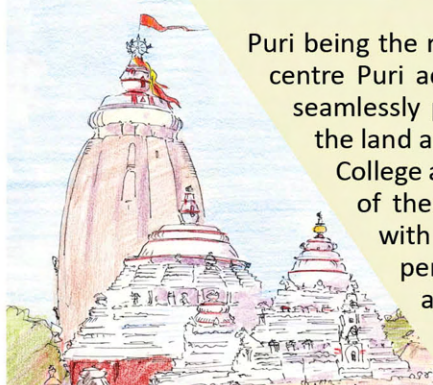


"It gives me immense pleasure to see ICT intervention in almost all functionalities of Excise Department being done online. eAbkari applications suite is highly instrumental in fulfilling 5T mandate of Govt. of Odisha and have brought substantial transformation in excise department in revenue realisation and massively curbing illicit liquor trade while safeguarding public health."

*Shri. S.K. Lohani.
(Principal Secretary to Govt of Odisha)
Department of Excise*



Puri being the religious capital of Odisha, always attracts spiritual lovers including the VIPs. NIC district centre Puri acts as an ICT bridge between district administration and other government bodies to seamlessly provide ICT services. In addition to the common ICT applications used in the districts, the land acquisition procedure of Shri Jagannath Heritage Security Corridor, Shri Jagannath Medical College and Shree Setu etc are automated using the NIC developed Bhu-Arjan software. The Office of the Shri Jagannath Temple Administration has been fully automated since the year 2018 with the implementation of e-Office. The disbursement of ex-gratia payments to the affected persons through DAMPS (Disaster Assistance Monitoring & Payment System) workflow automation system, Scanning and Digitization of centuries old revenue and other related records of Shri Jagannath Temple etc. have been achieved.



NIC, Puri has Developed bi-lingual web portal for Puri Municipality, Shree Jagannath Sanskrit University, Gopabandhu Ayurvedic Medical College & Hospital, Samant Chandra Sekher (Autonomous) College and Puri Konark Development Authority following the GIGW guidelines with SSL integration along with a standardized web portal for District Administration and District Police Administration.



DIO and ADIO, NIC Puri with Shri Ashwini Vaishnaw, Hon'ble Union Minister of India, during his visit to Puri.

Interactive Outdoor VCs were successfully conducted at the World Heritage Site of Konark on the Occasion of Celebration of International Yoga Day in the presence of Shri Ashwini Vaishnaw, Hon'ble Union Minister of Railways, Communications & Electronics and Information Technology, Government of India. Outdoor VC has also been facilitated successfully by NIC, Puri for Inauguration of Shri Jagannath Medical College & Hospital at Puri between the Hon'ble CM of Odisha and Hon'ble Minister of H & FW Govt of India.



DIO and ADIO, NIC, Puri with Hon'ble former President of India, Shri Ram Nath Kovind, during his visit to Puri with his family as the First Family of India.

Seed Certification Automation Project developed by NIC Odisha, as part of the National SATHI (A Digital Platform for Seed Traceability) platform, has been launched in the State of Punjab by Shri. Kuldeep Singh Dhaliwal, Hon'ble Minister of Agriculture, Government of Punjab. During the event, the Hon'ble Minister explained to the media & attendees about the high need of such a system and appreciated the support from NIC to customize the specific to Punjab. The Seed Certification Agency, Punjab is the nodal body to

use the software application. NIC Odisha conducted multiple rounds of virtual as well as physical training in collaboration with NIC Punjab to all stakeholders and opened 24X7 multi-line support numbers to address the issues of the

platform provides a complete end to peak agriculture season. Due to continuous micro training and support from NIC, 274+ number private as well as government seed producing companies and 270+ seed processing plants got on-boarded and started actively participating with the system using their personalized dashboard. In a matter of 20 days 45,000 + hectares land got registered by the 257+

producing companies for seed quality certification. This project is developed based on open source technologies, deployed on highly scalable Kubernetes cluster and device agnostic mobile App technologies. Around 45+ Seed Certification inspectors started using the offline friendly mobile App from both Android & IOS based devices and doing geo tagged field inspection. The mobile App ensures the inspector to focus

more on quality assurance instead of keeping them busy for record keeping activities as a result of which they are able to accomplish inspection faster and more accurately. This



Shri K. S. Dhaliwal, Hon'ble Minister of Agriculture, Punjab launches SATHI platform in Punjab.

end solution and makes not only the Seed Certification agency paperless but also brings the power of ICT to all the seed producers and processing plants.

The success and robustness of the App and its technology could be proven during the recent test when the Field Level Inspectors could able to use the App in offline mode when Internet and SMS was not available.

NIC PANORAMA

International Women's Day observed at NIC, State Unit, Odisha.

On the occasion of International Women's Day, NIC Odisha State Unit decided to celebrate by organizing an outreach visit to an old age home. The purpose of this visit was to see the plight of our elders and to spend time with the inmates, to make



Women Power of NIC, Bhubaneswar.

IT by Tea



Myth: To transfer sensor data from one location to another location, kilometers away, we need to have WiFi or SIM card based communication or wired cable !!

Truth: In the era of IoT, V2X, Indoor Positioning etc., Long Distance Communication among the devices are a common requirement and use of Wifi, Bluetooth like technologies are not much useful in most of the case due to their low range. In such scenario LoRa enables long-range transmissions with low power consumption at a very low bandwidth. This works on Radio Frequency (for India, it is 865 MHz) and doesn't need any licensing.

TOONIC

... Don't worry... and forget about the security of your mail, brief-case etc... Now we are concerned about the security of Cloud ...



them feel special and valued. The team of volunteers from NIC OSC, consisting of female NIC officers, arrived at the old age home with gifts like dresses, fruits, some daily essentials and rations for the inmates. The inmates were excited to have visitors. The day began by interacting with the inmates and listening to their life stories. Many of them shared their experiences



Women Power of NIC with an inmate of a destitute center in Bhubaneswar.

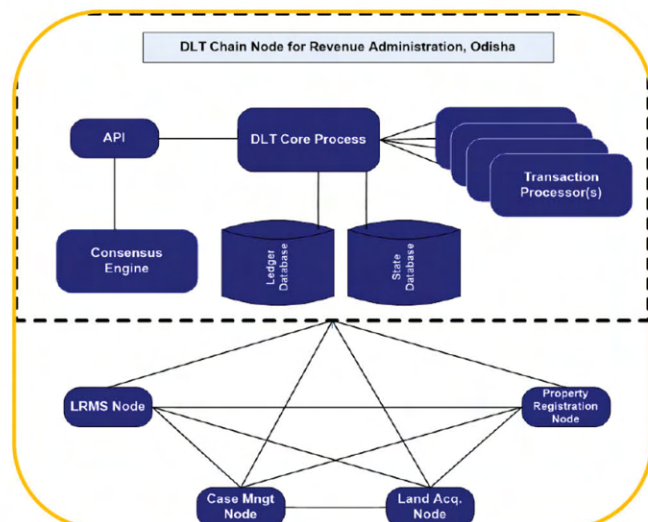
Tech Talk



Distributed ledger technology is one of the most disruptive security mechanism consisting of a set of technological infrastructure and protocols that allow simultaneous access, validation, and record updating across a network of nodes. Blockchain can be considered as one of the most popular and sophisticated DLT which backs the world's most powerful crypto coins like bitcoin, ethereum and many more.

Revenue Administration, Odisha after successful implementation of e-Mutation and other inter operable applications like Property Registration, Land Acquisition and Case Monitoring System moves a step forward for implementing DLT.

This is very helpful in reducing the need to audit data, ensuring data reliability, and only providing access to the right users.



“QUOTES”

All of our exalted technological progress, civilization for that matter, is comparable to an axe in the hand of a pathological criminal.

— Albert Einstein

