



@SIO's Message



"The Ascender" continues to be our face, showcasing the incessant efforts of NIC and NICians not only in Odisha but in PAN India level.

This eGovernance newsletter published in Hindi and English is being instrumental in disseminating our achievements, ideas as well as responsibilities both to State and Central Govt institutions.

With all your good wishes its distribution has got momentum with wider applauds and participations.

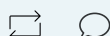
In due course we endeavour to thrive on rich contents, burning tech issues, suite and productisation based eGov applications thus creating an eco-system for knowledge management and good governance.

While releasing this New Year 2024 edition, I express my heartfelt gratitude to all my fellow NICians and to all Govt. institutions with whom we are working as partners of progress for Digital Governance.

We would be ever committed collectively in our true spirit both for "Digital India" and 5-T mandate of State Govt.

Wishing you all and your dear ones a very Happy New Year, 2024.

#motivation #inspiration



### eGovernance conference for DIOs inaugurated by Chief Secretary, Odisha

The three-days long e-Governance Conference (DIO Meet-2023) for DIOs and ADIOs of all the 30 districts of Odisha was organised at NIC, Bhubaneswar. Inaugurating the workshop on 14th December, Shri Pradip Kumar Jena, IAS, Chief Secretary, Odisha, highlighted the important role of District Informatics Officers (DIOs) towards effective implementation of eGovernance solutions at grassroots level. He expressed his happiness to note that the capacity building of DIOs is being taken care of in different ways. Stressing upon the 5-Ts mandate of Govt. of Odisha, he wished that DIOs should be dedicated towards implementation of Technology to bring transformation in timely manner.



The Guest of Honor Shri R. Santhanagopalan, IAS, Comm.-cum-Secretary, Labour & ESI, discussed on disruptive technologies and vision ahead to integrate the same in various eGovernance solutions. Dr. A. K. Hota, DDG & SIO, appraised about various activities of NIC, Odisha and emphasized the contribution of DIOs. The projects profile in the form of Desktop Calendar was released on the occasion. Later, a number of technical sessions on MindsDB, BigChainDB, IPV6, WebSocket, Alexa Skill, IoT architecture etc. were organized and DIOs were felicitated for their best contributions.

### State level Workshop on SATHI (Seed Authentication Traceability & Holistic Inventory)

On 15th December 2023, a state-level workshop unfolded, spotlighting the national initiative SATHI, developed by a collaborative effort of NIC, Odisha, NIC, Delhi and NIC, Maharashtra. The event drew the active participation of NIC officers from both the state and districts, alongside delegates from key entities like the Department of Agriculture, Odisha Seeds & Organic Products Certification Agency, and Odisha State Seed Corporation.



Smt. Mala Mittal, DDG & HoD (Agriculture Informatics Division), NIC, New Delhi, inaugurating the event released the SATHI awareness brochure and introduction video on SATHI modules. She delivered a brief presentation on SATHI, followed by a detailed exposition by Shri. Niladri B Mohanty, Scientist-D & Joint Director (IT), to the engaged audience.

Shri. P K Sahoo, Director, OSSOPCA, shared insights on the pivotal role of seeds, narrating Odisha's progressive journey in this agricultural domain. He unveiled the SATHI Timeline video, a visual journey chronicling SATHI's evolution from its Odisha origin to a comprehensive and scalable initiative, addressing the diverse needs of all states in a remarkably short timeframe.



## State Level workshop on eDAR ( Electronic Detailed Accident Report )

eDAR is an extension of iRAD (Integrated Road Accident Database) and can make the Accident claims of the victims in a transparent and hassle free manner by the different stakeholders for Motor Accident Compensation Claim. To kick-off the implementation of e-DAR, in Odisha, a state level workshop was organized by State Transport Authority (STA), Odisha, on 16th Dec 2023 at District Culture Office Auditorium, Puri.

Sri Sunil Kumar Bansal, IPS, Director General of Police, Odisha inaugurated the workshop in presence of all DIOs, DRMs and RTOs along with other senior officers from NHAI, R&B, Police, Transport and other stakeholders of Road Safety cell.

Shri Pawan Gupta, Project Manager, iRAD, NICS, New Delhi, presented and explained how e-DAR would be used by different stakeholders and the requisite forms to be filled up so that it could be helpful to beneficiaries. It was planned to identify Nodal Officers / Single Point of Contact (SPOC) for states / UTs & Nodal Officers for MACT, LSA, Insurance, CWC etc. Authentication over demo site would be shared for practice and stakeholders can share their feedback.



## Deliberation on e-Office in One-day OLIC workshop

Regional Official Language Implementation Committee (OLIC), Bhubaneswar, organized a one-day Hindi workshop and technical training at Institute of Physics, Bhubaneswar, on 22nd December, 2023.

Shri Jyoti Prakash Behera, DIO, Jagatsinghpur, joining as Esteemed Speaker, deliberated on various features of e-office, elucidating its benefits and exploring the evolution of different versions. He showcased 'eOffice implementation at Jagatsinghpur district' as a case study, highlighting the strategic approach taken to implement e-office across all administrative levels. He navigated through the intricacies of e-office, highlighting its instrumental role in the implementation of Rajbhasha in official communications and discussed how its MIS report and Knowledge Management System can help the e-office user.



## Cyber Surakshit Odisha Conclave

The Economic Times, in collaboration with Zscaler, orchestrated a regional technology summit, centring on the theme of cyber security. In the panel discussion titled "How Zero Trust Can Help State Departments?" officer from NIC Odisha Shri Niladri Bihari Mohanty, Scientist & Joint Director (IT) was invited to share the stage with panellists named Shri Shefeen Ahamed K, IG of Police (Crime Branch & Cyber Crime) & others.

Shri Mohanty elucidated on the profound relationship between trust and risk, emphasising the critical role of the zero-trust security model in the face of infinite risks. He further emphasised how the risk, which was once measurable is now moving towards infinite in the changing scenarios. He presented scenarios illustrating how traditional risk calculation methods have failed in the evolving fintech landscape of India. His analysis about the challenges posed by the shifting dynamics of collaboration, multi-level outsourcing, the transition to managed cloud services, and corporate mergers was well appreciated by the audience.



## IT by Tea



In the rapidly evolving landscape of modern logistics and inventory management, the pivotal role of Radio-Frequency Identification (RFID) technology is indispensable.

### Myth:

RFID technology is infallible and guarantees absolute security and privacy. It is a fool proof means of tracking and identifying items or individuals without any risks as the data inside the chip is invisible to outside.

### Truth:

This perception oversimplifies the complexities and potential concerns associated with RFID technology. In reality, RFID systems, while powerful and versatile, are not immune to security and privacy challenges out of the box. Instances of unauthorized people potentially intercepting and cloning RFID signals are there at multiple occasions, leading to unauthorized access or data theft. Additionally, concerns about the tracking and profiling of individuals through RFID technology have raised privacy issues. While security is not achieved by default in RFID systems, employing robust PKI encryption, effective Key management System & other security measures can mitigate such risks.

## Publications



NIC Odisha  
eServices  
Brochure –  
released during  
Balijatra, Cuttack



Seed  
Authentication,  
Traceability and  
Holistic Inventory  
(SATHI) project  
brochure



SATHI project  
concept Video  
released during  
State Level  
Conference



SATHI Timelines  
of accomplishment  
as on November  
2023 video







## NIC Pavilion shines in Historic Baliyatra Cuttack Utsav-2023

2024

Historic Baliyatra, Cuttack Utsav -2023 was celebrated from 27th November to 5th December 2023. This year the festival was organized in a grand manner under the aegis of District Council of Culture, Cuttack. With the Collaboration of district administration, NIC Pavilion was made inside Cuttack-in-Cuttack (Lower Ground).

The NIC Pavilion showcasing citizen centric eGovernance services was inaugurated by the Revenue Divisional Commissioner, Central Division, Dr. Suresh Chandra Dalai, IAS, with lighting of lamp and release of eServices Brochure.

The Pavilion focused on spreading awareness about essential citizen-centric services, cyber security measures, ePayment precautions etc. Engaging mediums like Standees, PPTs, Videos, Leaflets, and interactions with NIC Officers were employed. The on-pavilion facility was provided for citizens to avail e-services like ROR, apply for DL etc. Quiz on e-governance was being organised for visitors with token prizes. The comprehensive Brochure, compiling various services was available for distribution.

The pavilion had very good foot falls from various age groups – students, technocrats, bureaucrats and common citizen. People appreciated the effort of NIC officers for explaining about various governance schemes, citizen centric portals, developed under Digital India programme of Govt. of India and 5-Ts mandate of Government of Odisha. More than 33 officers with leadership of DIO, Cuttack supported by SIO and ASIOs have rendered their service in different days.

The dignitaries who visited the stall include Commissioner of Police, Addl. Commissioner of Police, Transport Commissioner, District Magistrate, Project Director, Additional District Magistrate, Sub-District Magistrate, Additional Commissioner of Cuttack Municipality Corporation etc. Their feedbacks were obtained over Visitors' Book.

The event closing ceremony was conducted in presence of the Collector and District Magistrate Sri Narahari Sethy, ADM (Revenue) Sri Umakanta Raj wherein the officials who have dedicatedly supported this ten days long exhibition were felicitated with mementos and certificates.



Glimpses from activities / visitors at NIC Pavilion and their views

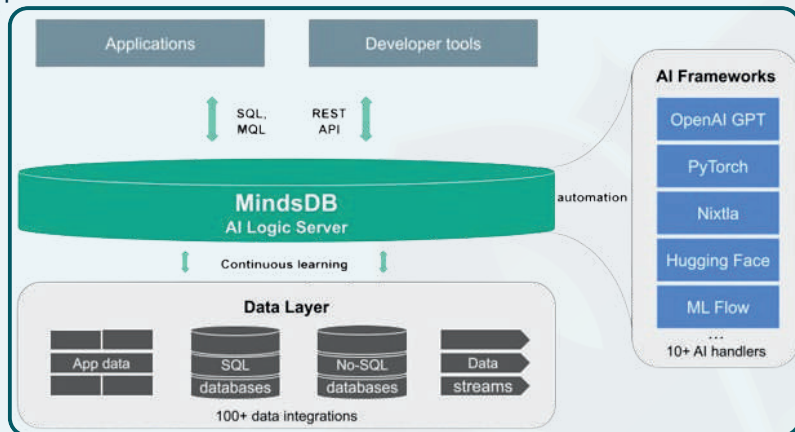




### MindsDB - Build AI using SQL

MindsDB is an open-source, transparent, and accessible automated machine learning (AutoML) platform. It simplifies the process of building, deploying, and maintaining machine learning models. Its key focus areas include democratizing AI, ensuring model transparency, and automating complex machine learning workflows.

By leveraging automated machine learning (**AutoML**), the platform streamlines the arduous process of model selection, hyper parameter tuning, and feature engineering. This automation significantly reduces the time and resources required to develop robust machine learning models, empowering businesses to expedite their data-driven decision-making processes.



**Accessible Interface:** MindsDB provides an intuitive, user-friendly interface to interact with and leverage powerful machine learning models.

**Data Integration:** Users can connect their data sources, whether structured or semi-structured, to the MindsDB platform.

**Transparency:** A distinctive feature of MindsDB is its emphasis on explainable AI. The platform provides explanations and visualizations that detail how the AI models arrive at their predictions.

**Integration and Deployment:** Once a model is trained, MindsDB facilitates easy integration into existing systems or workflows. It provides APIs and integrations that enable users to deploy the model and make predictions in real-time applications or environments.

Through open-source contributions, educational initiatives, and collaborative partnerships, MindsDB fuels knowledge sharing and collective growth, propelling the field of AI forward.

*Contributed by – Shri Satyajit Dash, DIO, NIC, Kandhamal*



### NEARS Embraced all Officials of NIC Odisha with its marquee style

NIC Employees Association for Recreation and Sports (NEARS), Bhubaneswar, has organized 'NIC District Sports Meet', on 14th December 2023, exclusively for District Officials of NIC Odisha. This sports meet harmonized with the 3-day workshop for District Officials of NIC Odisha. DIOs and ADIOs of all districts competitively participated in various sports events like Walking, Badminton, Carom, Chess, Table Tennis, etc. The winners were awarded with Gold, Silver and Bronze medals and each participant was acknowledged with 'Certificates of Appreciation' for participation in sports activities.

Shri Shubhakanta Panda, DIO, Boudh was adjudged as the 'All-round Champion' of the sports meet with three medals, including the Gold Medal in Walking event and proudly lifted the NEARS CUP.



NEARS also organized its Annual Get-together Function, in the evening of 15th December 2023. All Superannuated and present employees of NIC, Bhubaneswar, all DIOs and ADIOs with their family members participated in this most awaited annual event of NEARS to witness the social bonding among the members of NEARS. Many members of NEARS, DIOs, ADIOs and their children took active parts in song, chorus song, dance, mono act during this colourful evening function.



NEARS is a registered non-political and non-profit making association of superannuated and present employees of NIC, Bhubaneswar, which addresses the sports and socio-cultural activities among its members to upkeep their healthy, stress less and vibrant life.

**CHEERS for NEARS.**