

Orientation Programme for Hon'ble MLAs on National e-Vidhan Application (NeVA)

A two-day orientation program for the Hon'ble Members of the Odisha Legislative Assembly (OLA) was conducted on the 17th and 18th of August 2024 in the new conference hall. The event was inaugurated by Shri Kiren Rijiju, Hon'ble Union Minister of Parliamentary Affairs & Minority Affairs, Government of India.

Following the inauguration, an orientation session on the National e-Vidhan Application (NeVA) was held for the Hon'ble Members. SIO, Odisha provided an overview of NeVA's basic concept and usability. Shri Sanjeev, HoD of NeVA, New Delhi, presented various modules of NeVA, including the List of Business, Questions, Committees, Debates, Bills, Papers Laid, Budget, and Notices. He also discussed the significance of a Digital House and the format of e-Books, highlighting other features such as Members' Information, the House Calendar, and the Governor's address.

The participants actively engaged in discussions, offering valuable inputs to enhance the NeVA experience, such as advanced search functionality across legislative houses of the country, control over webcasting, and extending certain data updating roles to the state PMU. The session was chaired by Shri Bhabani Shankar Bhoi, Hon'ble Dy. Speaker of the Odisha Legislative Assembly.

**Launching of Government Consumer Management System (GCMS)**

The GCMS web and mobile applications, developed in collaboration with the Ministry of Panchayati Raj, Government of India, Panchayati Raj & Drinking Water Department, Government of Odisha, NIC and Tata Power were launched by Shri Kanak Vardhan Singh Deo, Hon'ble Deputy Chief Minister, Minister of Agriculture and Farmer's Empowerment & Energy Department, Government of Odisha and Shri Rabi Narayan Naik, Hon'ble Cabinet Minister of Panchayati Raj & Drinking Water and Rural Development Department, Government of Odisha respectively on 13th August, 2024 at Lokseva Bhawan, Bhubaneswar.

With this launch, Odisha became the first state in India to integrate the eGramSwaraj application of NIC with Power Billing and Payment System of Tata Power. This integration allows 6,794 Gram Panchayats across the state to seamlessly pay their electricity bills online. This initiative is expected to simplify bill payments for Panchayati Raj Institutions (PRIs) and enable DISCOMs to better track pending payments.

Recognizing Odisha's efforts, the Ministry of Panchayati Raj, Government of India, has encouraged all states to integrate eGramSwaraj portal with their respective state DISCOMs.

**eOffice in Odisha migrated to V7.x to achieve faster accessibility**

A total of ten (10) instances of eOffice, initiated and deployed between 2015 & 2016 were operating on outdated versions ranging from V5.0 to V6.3.1. In these older versions uploaded documents were stored in Linux file system which led to slower data retrieval as the volume of document increased.

To address these limitations, latest version V7.x was developed with a modernised User Interface (UI), enhanced User eXperience (UX) and improved document management using MongoDB. Additionally, faster accessibility was achieved through the integration of Redis, Kafka, Nginx technologies for web services. On the request of the user, the migration of Odisha's eOffice instances was scheduled from 22nd May 2024 to 22nd August 2024. Pre-migration activity tasks such as Counting Note Sheet, PDF, EMD and draft along with configuring the necessary port openings for migration were implemented.

The Migration process began with the PIMS module, followed by EMD, eFile, MDM, MIS, Audit, Note Sheet, PDF and other modules. After successfully migrating these components, the application was redeployed. Each instance's migration took approx. 48 to 72 hours. Post migration, pre-migration observations were verified, and users were asked to confirm the accuracy of the migrated data.

New Features of eFile v7.x

- Provision of adding Quick Noting and Attachments in Yellow Note.
- Provision of Multi Sign in draft.
- Signing has been made mandatory for dispatching of approved Draft.
- A new facility of uploading Ink Signed copy in draft allows the user to upload copy of inked signed draft document as the final draft document. At the same time the approved draft will also be available as attachment for downloading.
- Inter and Intra department/ministry receipt movement.
- Department level templates for draft/acknowledgement.

(a) Process Enhancements in Receipt

- Resetting of Receipt Number & year wise and department wise. (New Configuration for receipt number generation).
- Provision to Close receipts with DFA
- Provision to Pull Back receipt from Advance Search.

(b) Process Enhancements in File

- Provision to create Part file from Inbox /Inbox Folders and Created list
- Provision of Referencing Previous note, Paragraph and Correspondence in Noting using Context Menu on mouse right click.
- Provision to close file from created folder.
- Provision to Pull Back file from Advance Search.

(c) Process Enhancements in Draft

- Provision to create New/Fresh Draft against a receipt.
- Provision of draft creation without adding any recipient.
- Last updated on Date/Time has been provided in Draft List.
- Provision of Issue No. Generation on Approval of Draft.
- Provision to select Hash Tags from Dropdown in Draft Editing Tools.

Enhanced re-designed User Interface (UI)**(a) File Inbox**

- Quick access menu bar with frequently accessed menus of Receipt, File and Issue module.
- Enhanced Module Search and Filter options in different list pages with provision to check/uncheck search and filter parameters.
- Enhanced File/Receipt view of Self, Section and Hierarchy.

(b) File Inner Page

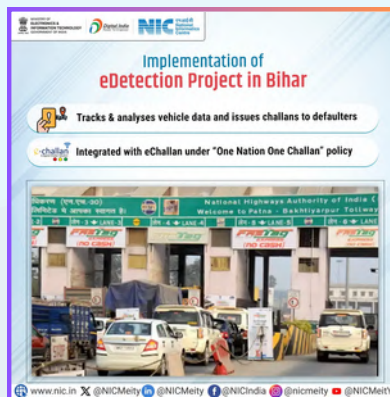
- Split View provision to facilitate the user to view Previous Noting/ Correspondences/ Drafts/ References simultaneously while writing the decision on the noting
- Home button for quick navigation in Inner file landing page.
- Download/Print provision comes with a completely new Customized layout for printing/downloading the complete file/Receipt.

Bihar Implements eDetection Project to Enhance Transport Compliance and Governance

On 4th August 2024, Bihar took a pioneering step in strengthening its transport governance with the launch of the eDetection project. This initiative aims to ensure strict compliance among vehicles operating within the state by targeting those lacking essential valid documents, such as Fitness Certificates (FC), tax receipts, permits, insurance, pollution clearance, and identifying vehicles that are non-operational or blacklisted.

In just one week, from 7th August to 15th August, authorities in Bihar issued over 16,755 e-challans, amounting to Rs 9.49 crore, through the e-detection system installed at 13 toll plazas across the state.

By the end of August, high-resolution CCTV cameras were installed at 32 toll plazas. Once an e-challan is issued, a confirmation message is automatically sent to the vehicle owner's registered mobile number if a traffic violation is detected. As of 29th August, 18,854 challans totalling Rs 17.65 crore have been issued. The government, with the support of NIC, is working to implement this system at all toll plazas across the state.



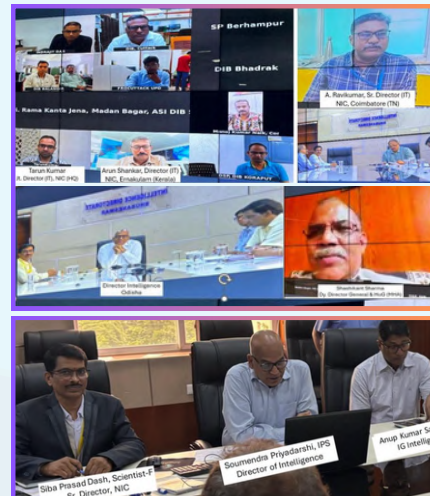
Training Sessions on IVFRT for Districts & ICPs of Odisha

On 5th August 2024, Shri Soumendra Priyadarshi, IPS & Director (Intelligence), inaugurated a four-day training program in the presence of Shri Anup Sahoo, IPS, IG of Intelligence; Shri Ananta Charan Pati, SP, Special Branch; and Shri Anand Swarup Srivastava, DDG & HoG, NIC, New Delhi. The training covered key areas, including the District Police Module (DPM), the Look Out Circular (LOC) module, the FRO, eFRRO, and EFRRO modules, as well as the Foreigner Identification Portal (FIP).

The sessions were led by the IVFRT team from NIC HQ under the guidance of Shri Anand Swarup Srivastava, DDG&HOG(FRT) and Shri Shashikant Sharma, DDG & HoG (MHA), and coordinated by Shri Ashok Kumar Agrawal, Senior Director (IT) & HoD, and Shri A. Ravikumar, Senior Director (IT) & HoD.

Shri Siba Prasad Dash, Senior Director (IT) and State Coordinator for the IVFRT project, ensured the smooth coordination of the entire program.

We extend our heartfelt gratitude to Dr. Alka Mishra, Head of Group, IVFRT, for her continuous guidance and support, which has been instrumental in making this effort a grand success.



AWARDS AND ACCOLADES

36th Technology Sabha Excellence Award under "Enterprises Applications"



Received for **e-Panchayat Sabha Application** of Panchayati Raj & Drinking Water Department, Govt. of Odisha. SIO, Odisha & NIC e-PANCHAYAT SABHA PROJECT TEAM WITH THE TROPHY



Received for **eDetection System** of Commerce & Transport Department, Govt. Odisha. SHRI AMITABH THAKUR, IPS, TRANSPORT COMMISSIONER, ODISHA AND SHRI P. K. NAYAK, SR. DIRECTOR (IT) & NIC STATE TRANSPORT COORDINATOR WITH THE TROPHY.



Received for **BhuArjan (Land Acquisition) System** of Revenue and Disaster Management Department, Govt. of Odisha. SHRI DEORANJAN KUMAR SINGH, IAS, ADDITIONAL CHIEF SECRETARY AND NIC TEAM WITH THE TROPHY.



Video documentary on functionalities of Government Consumer Management System (GCMS)

Publication



The SIO and NIC team interacted with Hon'ble Chief Minister of Odisha, Shri Mohan Charan Majhi, during the "At Home" function held on 15th August 2024 at the Governor's House, Odisha.



The first Citizenship Certificate in Odisha under the Citizenship Amendment Act (CAA) was issued in the presence of all members of the State Level Empowered Committee (SLEC) on 22nd Aug., 2024.



Shri Siba Prasad Dash, Senior Director (IT), delivered a talk on "Email Security & Best Practices" on 16th August 2024 at the Directorate of Census Operations (DCO), Bhubaneswar, as a part of the "Preventive Vigilance" campaign.



NIC Odisha state and district centers observed "National Handloom Day" to promote traditional hand-woven fabrics.



राजभाषा अकादमी द्वारा पुरी, ओडिशा में आयोजित 17 वें राजभाषा सम्मेलन कार्यशाला में "हिन्दी ई टूल्स" पर व्याख्यान हेतु श्रीमती युजाता दास, वरिष्ठ निदेशक (आईटी) एवं सुश्री अलका प्रधान, हिंदी अनुवादक उपस्थित रहे।



"Raksha Bandhan" Utsav was celebrated at NIC, Bhubaneswar, on 17th August in the presence of Rajyogini Sister Leena from Prajapita Brahma Kumari Ishwariya Vishwavidyalaya, Bhubaneswar, who spoke about the significance of the festival.



A warm welcome to the newly joined NICians at NIC, Odisha



Our sincere tribute and honour to
Smt. Sailabala Prusty, Scientist-F (Senior Director(IT)),
on the eve of her attaining superannuation
and
to Shri Divya Kirti Bajpai, Scientific/Technical Asst-B
on the eve of his Transfer to NIC, UP
for their years of dedicated & exemplary services.

FAREWELL

In Loving Memory of



Shri Bebin Mishra

03.09.1980 – 29.08.2024

It is with profound grief and sorrow, we regret to inform that, **Shri Bebin Mishra**, Scientist-C, Emp. Code:6708, of NIC Odisha State Centre, Bhubaneswar is no more with us. He left for his heavenly abode on 29th August 2024 due to illness.

Officers and staff of NIC both serving and retired paid floral tributes to the mortal remains of Shri Mishra on its arrival at NIC, Bhubaneswar.

We pray Lord Almighty to give enough strength to the bereaved family to bear this immense loss.



'Ek Ped Maa Ke Naam' - the Plantation Drive

This year NIC Odisha State and District Centres continued their commitment to environmental conservation by participating in Hon'ble Prime Minister Shri Narendra Modi's nationwide 'Ek Ped Maa Ke Naam' campaign which was launched in June this year. Promoting a green initiative and honoring the spirit of the campaign, more than 265 plants were planted across districts in the presence of Collectors, ADMs and other dignitaries on August 14th and 15th 2024, demonstrating the centre's dedication to sustainability and environmental stewardship.



IT by Tea

Machine learning works by feeding data into algorithms, which helps to recognize patterns, making predictions or decisions based on new input without being explicitly programmed for each task.

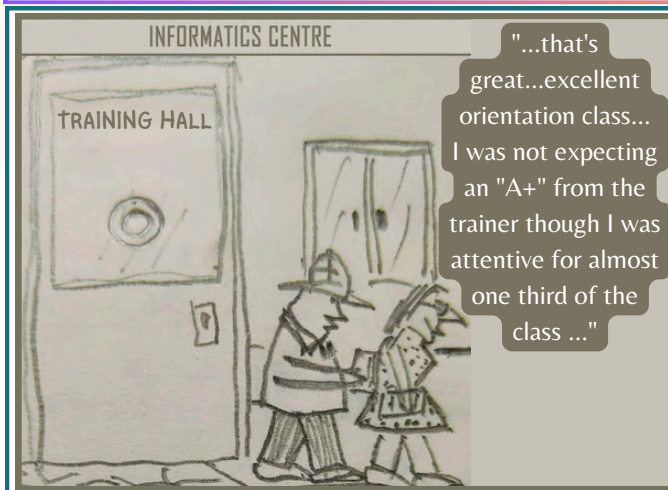
Myth:

In machine learning, once the model is trained, the original training data is no longer needed for making predictions, as the model can generalize and perform inference on new data independently. This allows the model to apply the learned patterns to unseen data for accurate prediction.

Truth:

In the realm of Artificial Intelligence, there are several algorithms where conventional machine learning, involving model training and parameter optimization, does not occur. Instead, predictions are made directly based on the training data itself, without the need to generalize or create a separate model. These types of algorithms are known as non-parametric methods.

These types of algorithms are Decision Tree, Random Forest, or KNN but not limited to. Some algorithms, like Hidden Markov Models (HMM), do generate a model file, but this model retains the entire training data rather than just its insights.



TOONIC