

Insight

Hon'ble Minister, Revenue & DM Launched ODRN and SAMARTH Portals

During observance of Odisha Disasters Preparedness Day on 29th October, 2023, two portals – Odisha Disaster Resource Network (<https://odrn.nic.in>) and SAMARTH (<https://samarth.odisha.gov.in/>) were launched by Shri Sudam Marndi, Hon'ble Minister for Revenue & Disaster Management and School & Mass Education, Govt. of Odisha in the presence of Officers from State Govt., World Bank and NIC.

Odisha Disaster Resource Network (ODRN) is a Web-GIS application for preparation of Disaster Management Plan at all levels. The application will help the administrations to mobilize the resources for proper management and mitigation during any disaster.

Statistical Analysis, Monitoring & Assessment of Resources in Training & Handholding (SAMARTH) Web application is for monitoring & management of training and capacity building on disaster resiliency and crisis response. It will help the OSDMA to manage and monitor trainings and capacity building programmes conducted for volunteers and officials at different levels of administration from state to gram panchayats.



Hon'ble Minister, Health & FW Launched eOffice at OUHS

Odisha University of Health Sciences (OUHS), a public state medical university, established in 2023 by an Act of the Odisha Legislative Assembly, is an affiliating university and has jurisdiction over two hundred medical, nursing and para medical colleges imparting UG and PG courses of Allopathy, Dental, Homeopathy, Ayurveda, Nursing, Pharmacy, Physiotherapy, Laboratory & Radiation technology and other allied medical science courses in the state.

To have ICT enabled workflow in its day-to-day office working, OUHS decided to implement eOffice as a first step towards a digital workplace. eOffice implementation was inaugurate by Sri Niranjana Pujari, Hon'ble Minister Health & Family Welfare, Odisha on 18th October 2023.

In his inaugural address Hon'ble Minister appreciated the effort of OUHS to implement eOffice to align with the objective of 5T initiatives of Government. As a part of inauguration activity, Vice Chancellor OUHS accorded a financial approval online in the presence of dignitaries as a beginning of eFile movement.



Hon'ble CM, Odisha, launched

Vigilance Investigation Portal and Prosecution Management System

Hon'ble Chief Minister, Odisha, Shri Naveen Patnaik launched the Portal of Vigilance Investigation and Prosecution Management System, on the occasion of State Level Function for Vigilance Awareness Week on 30th Oct 2023.

The application provides the web interface for entry and retrieval of Vigilance case details starting from FIR entry, Charge sheet, Investigation module consisting of Examination Complainant / witness, Seizure Zima, 161 Statements, Case Diary Entry, Plan of Action, Expert Opinion, Legal Scrutiny Report and Detail Report Entry etc., Trial and Judgement of the cases.

This software will facilitate communication between Vigilance Officers, Prosecuting Officers, Investigating Officers, SPs, DIGs, IGs, and the Director of the Department. Pre-formatted forms capture data in every step of the process flow starting from FIR to disposal of cases. Similarly, pre-formatted reports are designed to generate registers and various reports. Prior to the launching, the capacity building drive was organized for five days, at the State Vigilance Academy, for divisional DSPs and Inspectors where in 102 officers from different Divisions were trained.

Hon'ble Minister (S&ME), launched Website of Directorate of Elementary Education, Odisha (<https://directorelementary.odisha.gov.in/>)

Hon'ble Minister of School & Mass Education, Odisha, Shri Sudam Marndi inaugurated the official website of the Directorate of Elementary Education under the Department of School & Mass Education, Odisha on 4th October 2023 in LokSeva Bhavan, Odisha.

Dedicating the website, Hon'ble Minister wished that this website will overcome the digital divide among the students, teachers, and school authorities and will disseminate the information to the citizens. The portal will facilitate publishing Schemes information, Orders / Circulars, Press release, News & Announcements etc.



Digital Transformation in Transport Sector- Workshop by CIRT, Pune

Central Institute of Road Transport (CIRT), Pune organized a three-days training programme on “Digital Transformation in Transport Sector” at Bhubaneswar from 4th to 6th October 2023, sponsored by MoRTH (Ministry of Road Transport and Highways). Officers of Transport department from Maharashtra, Bihar, Gujarat, Chhattisgarh states were present along with the senior officers of MoRTH.

Sri Prasant Kumar Nayak, Sr. Director (IT) & Transport Project Coordinator, NIC, Odisha, joining the workshop as a key speaker, presented different initiatives taken by NIC in Odisha. He highlighted new initiatives like eDetection and EV subsidy portal. The Vehicle and DL related services applied as Faceless / Visit less; Services auto approved and Integration with other systems of different departments were highly appreciated by the participants.



eOffice workshop at SVNIRTAR, Olatpur

Swami Vivekananda National Institute of Rehabilitation Training and Research (SVNIRTAR), Olatpur, Cuttack, an autonomous body under Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment, Govt. of India, is engaged in providing total medical rehabilitation for the Persons with Locomotors Disabilities.

To create digital workflow, internal to the organization as well as to other external channels, SVNIRTAR had already enabled its ICT infrastructure to create the digital workplace. NIC had organised one day workshop for all its stakeholders from more than a dozen of departments. The workshop was inaugurated by Director SVNIRTAR Dr. P. P. Mohanty.

In his inaugural address, Director SVNIRTAR informed all the participants that from 3rd October 2023, he will only receive files in electronics mode. Sri Jyoti Prakash Behera, District Informatics Officer, Jagatsinghpur shared his experience of handling issues while taking eOffice implementation to Panchayat level in his district. A total of 40 participants took active interest in the workshop and got their doubts cleared by the eOffice team.



Our sincere tribute and honour to Shri Anurag Prasad, Sr. Director[IT] and Shri Bibhu Prasad Mishra, Sr. Director[IT] on the eve of their attaining superannuation from Govt. service



Havisyali Accommodation System - powered by ServicePlus

Focusing the welfare of “Kartika Havisyalis”, at Puri, the government is providing accommodation and other essential facilities since the year 2016. This year the district administration decided to develop the system to receive the application form in on-line mode. The same was developed by NIC using Low Code No Code platform i.e. ServicePlus. Soon after the opening of the service, applications flooded into the platform.

All the applications were processed as per the criteria; accommodation slip for each eligible applicant was generated. The allotted accommodation centre details, the date and time of reporting etc. were intimated through SMS. Once they arrive at the accommodation centre, the Identity Cards were issued. All these processes for more than 3000 havisyali mothers were executed very smoothly within a short span of time period.



The event was inaugurated by the Hon'ble CM of Odisha on the first day of Kartik month i.e on 29th October 2023 in the presence of Hon'ble Minister of Tourism & Culture Shri Aswini Patra, Hon'ble Minister of Sports and Youth Affairs Shri Tushar Kanti Behera, Local MLAs, RDC (CD), Chief Administrator Shri Jagannath Temple, Collector and DM Puri and other high level dignitaries.

“It is to express my profound appreciation for the remarkable contribution of NIC team in development and implementation of the online Habisyali Accommodation System under ServicePlus platform.

The application is robust, user friendly, complete and efficient. This solution facilitated my team to process the data easily in a time saving manner. I convey my deepest appreciation to each team member of NIC for their valuable contribution.”



Shri Samarth Verma, IAS
DM & Collector, Puri, Odisha



Hon'ble Minister of Education, Skill Development & Entrepreneurship, Govt. of India, Shri Dharmendra Pradhan, released 'The Ascender' October-2023 issue

Cyber Security Awareness

Encouraging individuals and organizations to own their role in protecting cyberspace

The month of October is observed as the ‘**Cyber Security Awareness Month**’ throughout the world. This year, it was the 20th Cyber security Awareness Month and it has grown into a collaborative effort between government and industry to enhance cyber security awareness, encourage actions by the public to reduce online risk and generated discussion on cyber threats on a national and global scale.

With Technology pervading all aspects of our lives, the theme for this awareness month for the year 2023 was “**Secure our World**” – an awareness campaign to broadly promote cyber security tips and best practices amongst citizens so that they do not fall prey to cybercrime.

Centre of Excellence for Application Security (CoEAS), NIC Bhubaneswar participated in this awareness campaign by conducting several cyber security awareness sessions both online and offline mode. Its main purpose was to create awareness among the users, officials about:

- Various types of Cyber-attack techniques.
- Prevention methods for various Cyber-attacks.
- Security best practices to be followed while dealing with Computer, Laptops, mobile devices, web servers etc.
- Government guidelines on Cyber security to be followed by the officials and organizations.



Cyber Security Awareness Training at NIC

A session on Cyber security awareness for the Officers of NIC Odisha was organized at NKN hall, NIC Bhubaneswar. Addressing the introductory session Ms. Snigdha Acharya, DDG & HOD narrated about the recent security incidents and introduced the need of strategy for protection against ransomware and emphasized the importance of cyber security awareness. She explained the significance of theme of the Cyber Awareness month-2023 : “Secure Our World”.

It was followed by session on “**Cyber safety & Hygiene**” delivered by Ms. Sasmeeta Sabat , Director (IT) & session on “OS Security & Hardening” by Mr. Anupam Roy, CoEAS Bhubaneswar. Both the sessions explained about the best cyber security practices to be followed in the organization, different Do’s & Don’ts to be followed & some basic prevention steps to protect from cyber-crimes.



Cyber Security Training at Principal Accountant General (PAG) Office, Bhubaneswar

Two days session for different batches of AG Officers was organized on “Cyber Hygiene & Security”. Ms. Sasmeeta Sabat, Director (IT), and Mr. Rahul Kumar Sinha, Assistant Director (IT) took the sessions chaired by Ms. Tanya Ambastha, Dy. AG Bhubaneswar. Sessions highlighted about the basic cyber hygiene to be maintained by the individuals while working in an organization. The important cyber security guidelines issued by NIC-CERT to be followed in the organization were discussed.



Cyber Jagrookta Diwas - 04th October-2023

On the 1st Wednesday of every month, NIC is organizing “Cyber Jagrookta Diwas” w.e.f May-2022 with the cooperation of Application Security Division, NIC HQ and the Training Division.

The 18th edition of this event was conducted on 04th October-2023 by the speakers from the CoEAS, NIC, Bhubaneswar. First session was conducted on the topic “**Mobile Device Security**” by Sri Rahul Kr Sinha, Assistant Director (IT) and another session on “OS Security & Hardening” was delivered by Sri Anupam Roy. The sessions highlighted different mobile device security threats, basic steps for prevention of security incidents contributed by mobile devices, securing the devices with Regular OS updates & hardening for minimizing security exposures etc. Total 393 participants from all the Ministries attended this event.

Session for NIT, Rourkela on 6th October-2023

A session on “Cyber Safety & Hygiene” was conducted as part of short term course on Cyber Safety and Security-2023, organized by department of Computer Science Engineering , National Institute of Technology (NIT), Rourkela on 6th October-2023.

Webinar on “Secure Hosting of Web Applications”

As a part of the “Cyber Security Awareness talk series”, a session on “Secure Hosting of Web Applications” was delivered by Ms. Snigdha Acharya, DDG & HOD on 16th Oct-2023. The session highlighted the exploitable vulnerabilities in web applications / sites in production environment / cloud platform due to insecure server configurations, vulnerable components and malicious file execution contributing to a number of site security incidents.



The Internet Protocol (IP) uses different types of addressing schemes.

Myth:

IP address is unique to each computer and no two computers can have same IP address at the same time

Truth:

Multiple computers in a network can have same IP address at the same time. Yes that is possible in IP Version 6. The IP Version 6 has a mechanism called Anycast IP address also known as Anycast routing. It is an IP network addressing scheme that allows multiple servers to share the same IP address, allowing for multiple physical destination servers to be logically identified by a single IP address.

IPv6 anycast addresses identify a group of interfaces on different IPv6 nodes. Each group of interfaces is known as an anycast group. When a packet is sent to the anycast address, the anycast group member that is physically closest to the sender receives the packet.

The base use case is ensuring high availability and uptime for the infrastructure. In the event that one PoP fails, Anycast architecture enables network traffic to be automatically rerouted to the next closest available PoP.

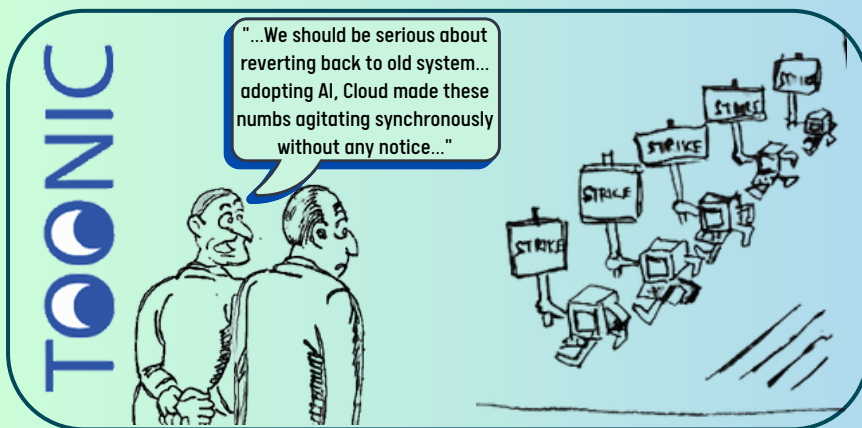
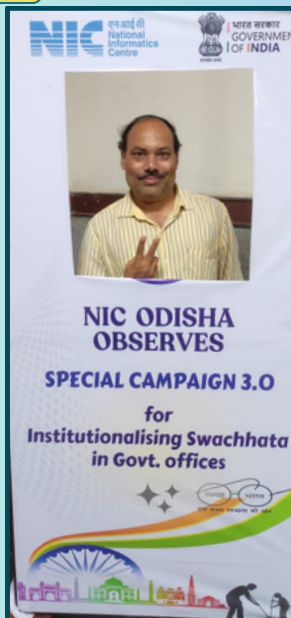
NIC Panorama

Special Swachhta Campaign 3.0

It started with the pledge taking ceremony on 1st October, 2023 by all officers including NIC District centres. The 'Swachhata Message' posters were displayed and Selfie point was placed for wider awareness. All housekeeping personnel were felicitated on the occasion.

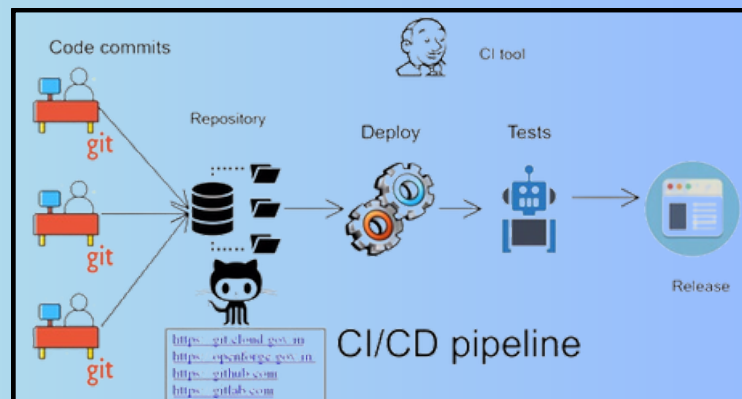
During the month long campaign, daily one hour Shramadan was carried out to clean the office premises. The lecture on "Plastic waste and eWaste management" was done by scientists from Pollution Control Board, Bhubaneswar.

Reaching out, all officials visited the 'Narayan Basti' where in about 150 families are staying in slum. Officers performed the cleanliness activities and motivated slum dwellers to keep the surroundings clean.



Code Repository

A code repository, often referred to as a repo for short, is like a store for your code. It's a place where developers store, organize, and manage their software sources. You can think of it as a safe and organized place for all the code you write and collaborate on with others.



Functionality of Code Repositories

Code repositories serve several essential purposes in the world of software development:

1. Version Control

One of the most crucial functions of a code repository is version control. Imagine you're working on a project, and you make changes to the code. Without a code repository, keeping track of these changes would be a nightmare. With a code repository, every change you make is recorded, and you can easily switch between different versions of your code if needed. This is incredibly handy when you want to undo a mistake or review the history of your project.

2. Collaboration

Many software development projects involve multiple people working together. Code repositories make collaboration much more straightforward. Team members can work on the same project simultaneously, and the repository helps manage and merge their contributions. This means that different developers can work on different parts of the code without stepping on each other's toes.

3. Backup and Recovery

Code is valuable, and losing it can be a disaster. Code repositories act as a safety net. Your code is stored securely, and even if your computer crashes or gets stolen, your work is safe and sound in the repository. You can easily recover your code and continue working from another device.

4. Code Sharing

Sometimes, developers want to share their code with the world or with a specific community. Code repositories provide an easy way to share your work with others. Popular code repository platforms like GitHub, GitLab, and Bitbucket allow you to publish your code publicly or share it with selected individuals.

5. CI/CD Pipelines

Integrating with CI/CD pipeline by promoting the devOps work culture achieves faster delivery. Seamless automation of code review, build, test and deployment cycle helps to avoid code failure, bugs and easier management of error budgets.