

Hon'ble Prime Minister unveiled major projects from Jharsuguda

Shri Narendra Modi, Hon'ble Prime Minister inaugurated and laid the foundation stone of development works worth over Rs 50,000 crore in Jharsuguda, Odisha on 27th September 2025. Dr. Hari Babu Kambhampati, Hon'ble Governor, Shri Mohan Charan Majhi, Hon'ble Chief Minister, Shri Jugal Oram, Hon'ble Union Minister were present among other dignitaries at the event. Several Union Ministers and Chief Ministers from across the country were connected to the programme through video conferencing.

The Video Conferencing Division of NIC, New Delhi and NIC, Odisha along with DIO, Jharsuguda and DIO, Sambalpur, worked tirelessly to ensure a high quality, uninterrupted video conferencing and webcasting of the event.



I wanted to appreciate and thank you and your team personally. You have done a wonderful job. It helped us in making the event successful. Keep it up.



Shri Kunal Motiram Chavan, IAS
Collector & District Magistrate, Jharsuguda

Shri Timothy Dkhar, DDG & State Coordinator Visits NIC Odisha

Shri Timothy Dkhar, DDG and State Coordinator visited Odisha during 3rd - 5th September 2025. He interacted with Head, NIU and teams from the BMS and NOC to understand ongoing projects and operations. Interacting with HoDs, NIC officers and DIOs, he inaugurated the Digital Assets Software, an in-house application developed to streamline project information management.

He visited the Odisha Legislative Assembly (OLA) and interacted with the Hon'ble Speaker and Secretary, OLA, regarding implementation of NeVA and explored the application of AI in various domains of legislative operations. He visited the WATCO Division Office, Puri to review e-Governance solutions implemented for water quality monitoring and supply. Visiting the NIC District Centre, Puri he had interactions with district administration.

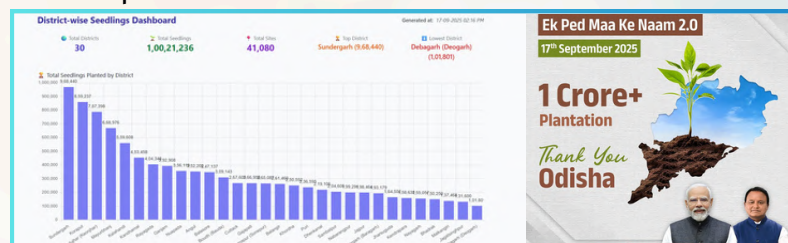
His engagements reflected a clear emphasis on adopting innovative solutions, strengthening IT infrastructure and fostering collaborative efforts to enhance digital governance initiatives in the state.



Government of Odisha's large-scale plantation campaign

On 17th September, 2025 as a tribute on the 75th birthday of Shri Narendra Modi, Hon'ble Prime Minister, Odisha had set a target of planting 75 lakh saplings under the campaign "Ek Ped Maa Ke Naam". With the extraordinary spirit and wholehearted participation of the people, Odisha accomplished the plantation of more than 1 crore saplings in a single day. NIC Teams of New Delhi and Odisha, including all DIOs and ADIOs across the districts, ensured the seamless uploading of geotagged photographs, videos, and data in the portal for monitoring the status.

The NIC teams consistently monitored network performance, intervened promptly whenever required. The teams carried out extensive capacity building exercises and also supported at different control rooms operating from State Secretariat, ORSAC, NIC Bhubaneswar and Districts to facilitate seamless uploads.



NIC ensured seamless uploading of geotagged photographs, videos, and data through proactive network management, adequate provisioning by NDC Bhubaneswar, and continuous monitoring and support from district to State level. I convey my sincere appreciation and best wishes to you and your entire team from NIC Delhi, Odisha and Districts, for this outstanding contribution.



Shri Satyabrata Sahu, IAS
Additional Chief Secretary to Govt.

Tech Bootcamp: Empowering Governance through AI Capabilities

A workshop on the application of AI in e-Governance was held on 4th September 2025 at NIC, Bhubaneswar. The event brought together over 100 senior officials from State and Central Government, highlighting the growing importance of AI in transforming public service delivery.

The workshop was graced by Ms. Anu Garg, IAS, Development Commissioner and Additional Chief Secretary, Planning & Convergence and Water Resources Department, Government of Odisha. A brochure highlighting AI-powered initiatives and proof-of-concepts (PoCs) developed by NIC was released, offering insights into the innovative applications being piloted across various sectors. The dignitaries inaugurated the renovated Training Centre at NIC, Odisha, a significant step towards enhancing the state's digital capacity-building infrastructure.





Photo Story



On 3rd September 2025, Shri Timothy Dkhar, DDG and State Coordinator, Odisha joined with Ms. Anu Garg, IAS, Development Commissioner and ACS, Planning & Convergence and Water Resources Dept., Odisha to inaugurate the renovated Training Centre at NIC, Odisha, a significant step towards enhancing digital capacity-building infrastructure of the State.



NICSI, Odisha was awarded as one of the top performing state during the 30th Foundation Day of NICSI held on 29th August 2025 at New Delhi. Shri Jayant Kumar Mishra, GM, NICSI, Odisha received the Award and dedicated to all the NIC project coordinators, his predecessors in NICSI and the staff of NICSI, Bhubaneswar.



Southern Divisional Revenue Officers Conference was held on 16th & 17th September 2025.

Shri Jageswar Sahoo, Sr. Director (IT) joined the conference as Resource Person to deliberate on different eGovernance modules in Revenue Domain.



Shri Tuta Balakrishna Murty, Scientist – F & DIO, NIC, Gajapati, was felicitated by Smt. Madhumita, IAS, Collector & DM, in the presence of Shri Prithviraj Harichandan, Hon'ble Minister, Law, Excise & Works, Odisha for his contribution to the Aspirational District Programme in Data Governance & Data Analytics.



All India Master Trainers' Training of iGOT Rastriya Karmayogi Bharat was held at NIC, New Delhi. Dr. Ajoy Ketan Sarangi, Sr. Director (IT) and Ms. Itishree Nanda, Director (IT) participated from NIC, Odisha.



On 26th September 2025, Safai Mitras were honoured with Swachhta Kits in recognition of their dedicated efforts to maintain cleanliness in the workplace.



On 19th September 2025 a presentation on the National Generic Document Registration System (NGDRS) was held in the Conference Hall of the Revenue & D M Dept., in the presence of the ACS, IGR, Addl. Secy. (Registration), Dy. IGRs, and other senior officials. The deliberations were led by Shri Rajesh D. Bhusari, Senior Director (IT) and Head of the NGDRS Project, Software Development Unit, Pune, who joined the session to provide his insights and guidance.



On 24th September 2025, Sri Biswaranjan Bhukta, DIO, Nabarangpur, deliberated on "Cyber Safety in Social Media Platforms" to sensitize Judicial Officers, Advocates and Staffs organized by DLSA (District Legal Services Authority).



Observation of Swachhata Pakhwada

“Swachhata Hi Sewa – Swachhata Pakhwada” was observed from 17th September to 2nd October 2025 as part of the nationwide cleanliness campaign. The initiative sought to promote awareness on the importance of cleanliness while encouraging active community participation towards building a cleaner, greener and healthier India.

The campaign commenced on 17th September 2025 with the Swachhata pledge, followed by cleaning activities undertaken by officers at the State Centre and various District Centres. Competitions on elocution and creative writing on the theme of cleanliness were also organised. Officers actively participated in awareness programmes at educational institutions, motivating students to contribute to cleanliness and plantation drives. On this occasion, Swachha Karmacharies were felicitated in recognition of their dedicated service.



राष्ट्रीय सूचना विज्ञान केंद्र में हिंदी पखवाड़ा मनाया गया

एनआईसी, भुवनेश्वर में 15 सितंबर से 27 सितंबर तक हिंदी पखवाड़ा बड़े उत्साह के साथ मनाया गया। 15 सितंबर को आयोजित उद्घाटन समारोह में प्रख्यात लेखक, कथाकार और शिक्षाविद् दाश बेनहूर ने देश भर में हिंदी की बढ़ती लोकप्रियता पर प्रकाश डाला। इस दौरान हिंदी टाइपिंग, पत्र लेखन, चित्र आधारित निबंध, सुलेख, भाषण, कविता लेखन आदि विभिन्न प्रतियोगिताएँ आयोजित की गईं। डॉ. बी. बी. गोपाल रेड्डी, सहायक महाप्रबंधक, भारतीय स्टेट बैंक, की अध्यक्षता में एक हिंदी कार्यशाला का भी आयोजन किया गया।

प्रसिद्ध ओड़िया फिल्म अभिनेता और पूर्व दूरदर्शन समाचार वाचक मोहन मजोठिया समापन समारोह में मुख्य अतिथि के रूप में शामिल हुए। इस अवसर पर हिंदी प्रतियोगिता के विजयी प्रतिभागियों को प्रमाण पत्र देकर सम्मानित किया गया। साइबर सुरक्षा पर एक लघु नाटक सहित विभिन्न सांस्कृतिक कार्यक्रम भी आयोजित किए गए। राजभाषा कार्यान्वयन समिति की उपाध्यक्षा श्रीमती सुजाता दास और हिंदी अधिकारी डॉ. अलका प्रधान ने कार्यक्रम का संचालन किया।



NIC Odisha observed ZERO PENDENCY Day



NIC Odisha celebrated ZERO PENDENCY DAY on 26th September 2025, in preparation for the half-yearly closing for the fiscal year 2025-2026. A meeting was held with all officers and administrative staff to mark the occasion. SIO commended the team for their collaborative efforts under the leadership of Shri Managobinda Singh, Deputy Director & DDO, which led to the timely clearance of financial claims, vendor payments, and bills for NIC officers. The contributions from the PAO, NIC HQ, Budget Planning Section, Audit Section, and all other administrative departments at NIC HQ were instrumental in achieving this milestone. To honour their hard work, all members of the Administration & Accounts Section were presented with tokens of appreciation.



Publications



“UI/UX in e-Governance” - brochure inaugurated during State Level Awareness & Sensitization Workshop on “User Experience & Design System” on 13th August, 2025 at Odisha State Convention Centre, Lok Seva Bhawan, Bhubaneswar.

Scan the QR code to access the brochure

Farewell

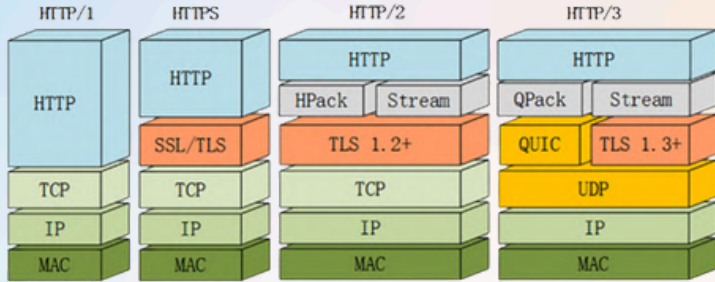


OUR SINCERE TRIBUTE AND HONOUR to Shri Bhikhu Kesheir, Steno Grade - II on the eve of his attaining superannuation for the years of dedicated & exemplary service at NIC, Odisha.



HTTP/3: The Future of Web Transport

HTTP/3 is the latest version of the Hypertext Transfer Protocol, succeeding HTTP/2. Unlike previous versions, HTTP/3 is built on QUIC (Quick UDP Internet Connections), a new transport protocol developed by Google and later adopted by the IETF (Internet Engineering Task Force). Whereas HTTP/2 runs over TCP (Transmission Control Protocol), HTTP/3 runs over UDP (User Datagram Protocol), which overcomes some of TCP's inherent limitations.



Key Features of QUIC:

1. Multiplexing without head-of-line blocking: QUIC allows independent streams, meaning packet loss in one stream does not block others, improving overall performance, especially in unreliable or high-latency networks.
2. Built-in encryption: QUIC integrates TLS 1.3 at the transport layer, offering stronger security and reducing handshake times, which leads to faster connections.
3. Faster connection establishment: With 0-RTT (zero round-trip time) handshakes, QUIC reduces latency during connection setup, enabling faster page loads.
4. Connection migration: QUIC uses a connection ID instead of relying on IP addresses, allowing seamless transitions between networks, such as moving from Wi-Fi to cellular, without dropping the connection.

Benefits of HTTP/3: HTTP/3 over UDP with QUIC offers significant improvements over HTTP/2 over TCP, particularly for mobile users and real-time applications. It simplifies HTTP/2 by eliminating the need for complex TCP optimizations like slow start or congestion control. The combination of HTTP/3, and 5G network creates a highly efficient, reliable, and fast web experience, especially critical for real-time applications (AR/VR, cloud gaming, video streaming, IoT apps).

Adoption: Major browsers (Chrome, Firefox, Safari) and web servers (Cloudflare, Google, LiteSpeed) are already supporting HTTP/3. As mobile-first and latency-sensitive services grow, HTTP/3 and QUIC are set to become the standard for web transport.

Contributed by: Shri Dipak Kumar Sharma, STA-B



Nuakhai Bhetghat was celebrated with Enthusiasm

Nuakhai Bhetghat, the famous agricultural festival of Western Odisha, symbolizes gratitude for the first harvest offered to the deity, fostering prosperity, cultural preservation, and community bonding. At NIC, Bhubaneswar, it was celebrated with great enthusiasm on 26th September 2025, radiating harmony, love, and brotherhood among officers and staff. Shri Ramaballav Mohapatra, State Spiritual Coordinator, Shri Sathya Sai Seva Organisation, graced the occasion as Chief Guest and highlighted the history, significance and customs of Nuakhai Parba. The traditional proceedings and rituals of worshipping Maa Samaleswari was followed by Nuakhai Juhar. The celebrations also featured vibrant cultural performances by the officers of NIC. The event was conducted seamlessly under the moderation of Ms. Mamata Khamari, Sr. Director(IT).



महीने के हिन्दी शब्द

- Follow-up action : अनुवर्ती कार्रवाई
- Budget allotment : निधि आवंटन
- Post-facto sanction : कार्योत्तर मंजूरी
- Recommendation : सिफारिश
- Code of conduct : आचार संहिता
- Back dated : पूर्व दिनांकित

IT by Tea



"RAG: Reduces hallucinations, doesn't guarantee them."

The Retrieval-Augmented Generation (RAG) approach is a powerful technique for enhancing Large Language Models (LLMs) by giving them access to external knowledge bases. This method improves factual accuracy and relevance of outputs without the need for expensive, time-consuming retraining.

Myth:

RAG completely eliminates hallucinations by grounding LLM's response in external, verifiable data. The assumption is that providing the model with a perfect source of truth guarantees correct and factual answers.

Truth:

While RAG significantly reduces hallucinations, it doesn't eliminate them. Issues can arise from flawed retrieval, where inaccurate or irrelevant context is provided, or a lack of information in the knowledge base, forcing the model to rely on its pre-trained knowledge. The LLM can also misinterpret or incorrectly synthesize information from the retrieved documents. Mitigating these risks requires improving data quality, using advanced retrieval and ranking methods, and implementing robust prompt engineering to instruct the model to stick to the provided context and acknowledge when information is unavailable.

*Contributed by: Shri Nikhil Kumar
Scientific Officer/Engineer-SB*