

Celebration of PM-KISAN Utsav Diwas in Odisha

On a special function 'PM-KISSAN Utsav Diwas' held at Varanasi on 18th June, 2024, Hon'ble Prime Minister Shri Narendra Modi digitally transferred the 17th instalment of PM-KISSAN Samman Nidhi to 9 crore beneficiaries. On this occasion simultaneous functions were also held across Odisha jointly organised by Department of Agriculture & Farmers' Empowerment, Govt. of Odisha and Krishi Vigyan Kendras (KVK).

Hon'ble Chief Minister of Odisha, Shri Mohan Charan Majhi attended the function along with other dignitaries and farmers from the district at the George High School Ground in Bargarh. He was connected with the PM's function through Video Conferencing (VC) supported by NIC, Bargarh District Centre.

Similar functions were also held in all other districts of the state where Hon'ble Ministers of Odisha were present along with many farmers to witness the event at Varanasi and listened to the Prime Minister through VC. The District Informatics Officers of NIC coordinated the VC facilities, networks, etc. for these functions in all the districts.



Visit of Dr. R. N. Behera, Honourable MP to NIC, Odisha

It is a proud moment for all NICians, as Dr. Rabindra Narayan Behera, the former Senior Technical Director of NIC, Odisha, has been elected as Member of Parliament from the Jajpur Parliamentary Constituency in the recently concluded General Election - 2024. All the employees of NIC, Odisha joined to felicitate Hon'ble MP Dr. Behera in a grand function held in Dr. Seshagiri Memorial Hall at its headquarters in Bhubaneswar on 18th June 2024. Many retired officers of the centre were also present on the occasion. Officers from all district centres joined through video conference.

At the outset, Hon'ble MP offered floral tributes to Dr. N. Seshagiri, the founder and former DG of NIC. Officers congratulated him, recalling his significant contributions to NIC Odisha and wishing him success in his new role as Member of Parliament (Lok Sabha). In his speech, Dr. Behera highlighted the importance of emerging technologies in making our state and country digitally empowered, and emphasized the role of NIC in achieving this goal. He also visited the NIU and reviewed various works and projects currently underway at NIU and NIC, Odisha.



Chief Electoral Officer, Odisha felicitated DIOs

The contribution of District Informatics Officers (DIOs), NIC, Odisha in the recent simultaneous general election is commendable. Their proactive initiatives in implementing all IT interventions like PPMS, EMS, ENCORE, ESMS, cVIGIL, ETPBMS, OEVTs, Daily Law and Order Reporting on Electoral Events etc., and carrying out capacity building of officers at different levels on various ICT applications, technical support to DEOs, ROs and AROs during pre-poll, poll-day and post-poll activities were highly appreciated.

The Chief Electoral Officer of Odisha and Additional Chief Secretary Shri Nikunj Bihari Dhal, IAS felicitated all DIOs in a ceremony held at the NIC State Headquarters, Bhubaneswar for their outstanding contributions in the election process. On this occasion Additional Chief Electoral Officer Dr. N. Thirumala Nayak, IAS joined as Guest of Honour and praised the cooperation of NIC and DIOs. The guests discussed how the very complicated election process was done smoothly with the help of NIC software and officials. DIOs shared their experience of working round the clock to make the election process flawless. Deputy Director General and State Informatics Officer Dr. Ashok Kumar Hota briefed the guests about various election related initiatives as well as other programmes of NIC.



**Shri Nikunj Bihari Dhal, IAS,
Chief Electoral Officer, Odisha & Addl. Chief Secretary**

I would like to put on record and convey my wholehearted appreciation to the team of NIC, Odisha including DIOs and ADIOs of the districts, for providing excellent technical support to the DEOs and ROs for conducting Simultaneous General Elections 2024.

The Election Team of NIC, Odisha State Hqrs led by Shri Malaya Kumar Das, Scientist-F, and Shri Simanchal Sethi, Scientist-B under able guidance of Dr. A. K. Hota, DDG & SIO have provided timely solutions for carrying out various election activities. They also have efficiently coordinated with all the DIOs for seamless use of different ICT initiatives.

I take this opportunity to congratulate and extend my best wishes to the State level and district level NIC officials.

27/6/2024

Chief Electoral Officer & ACS, Odisha



Regional Workshop on Ayushman Bharat Digital Mission (ABDM)

Ayushman Bharat Digital Mission (ABDM) is an ambitious programme of Govt. of India aimed at integrating and digitalizing the healthcare ecosystem in the country. The Interoperable Healthcare ecosystem comprises of Patients, Health professionals and Infrastructures in the country. National Health Authority (NHA), an attached office of Ministry of Health and Family Welfare acts as the Nodal Agency for implementation of ABDM.

NHA organized regional workshop to make aware of the strategic vision of the mission as well as the successful implementation of some initiatives taken by the States. The 3rd workshop of the series was organized at Pune on 7th June 2024. The participating states were Maharashtra, Odisha, Gujarat, Jharkhand, Rajasthan, Goa, Dadra & Nagar Haveli and Daman & Diu, Andaman & Nicobar Islands, and Lakshadweep. Senior officers of above State Govt. Departments and Officers from NIC and CDAC participated in the workshop.

The workshop was inaugurated by Dr, Basanta Garg, IAS, Addl. CEO, NHA in presence of Ms. Latha Ganapathy, Director, NHA and Dr. Nitin Ambadkar, Director, Health Services, Govt. of Maharashtra. More than 100 participants from above states participated in the workshop.



National Workshop on 'Powering Transformation through UI/UX for Digital Governance'

Digital landscape is rapidly evolving and users expect seamless and intuitive interaction with the application. A good interface design not only helps in interaction, but also plays an important role in creating confidence among the users to use the applications and services. On the other hand the monitoring and further improvements by Government Authority also becomes easy in getting reactions, experience and feedback properly from the users.

Towards this, Ministry of Electronics and Information Technology (MeitY) had organised the National Workshop on 28th May 2024 at New Delhi with participation from all states including NIC, Odisha. The workshop brought together the stakeholders from Government, Industry, Designers, Developers and other related Practitioners to discuss the practices and challenges in establishing effective UX/UI for public-facing digital services. The workshop was chaired by Shri Amit Agarwal, IAS, DG, NIC. Panel discussions were also conducted on topics like best UX practices, role of UX/UI in citizen engagement with the government, Tools & Techniques for UX/UI practices, aspirations and experiences of the citizens in the social domain.



Hon'ble Minister (Revenue & Disaster Management), Odisha reviewed the e-Governance initiatives

Hon'ble Minister, Revenue & Disaster Management Shri Suresh Pujari reviewed the activities of the department on 17th June 2024. Additional Chief Secretary (ACS) Shri Satyabrata Sahu, IAS along with RDCs, Secretary, Board of Revenue, DLRS, IGR, MD, OSDMA, other Senior Officers from Department and NIC explained all the activities and ongoing e-Governance initiatives in the department.

Presentation on Land Records Management System (LRMS), Revenue Court Case Monitoring System (RCCMS), e-Pauti, Dynamic Web Information System of Tehsils (DWIST), Document Management System, Property Registration, Revenue Dash Board, ORTPS Daily Bulletin, ULPIN (Unique Land Parcel Identification Number) etc. of Revenue Department was carried out. Usefulness of Court Case Monitoring System (CCMS 2.0) of Board of Revenue, ODRN, DAMPS and SAMARTH of Disaster Management were expounded too.

While apprising ACS expressed his heartfelt thanks to NIC for its contribution since Odisha becoming the number one state in the country to receive prestigious "Bhoomi Samman Award" from Her Excellency President of India Smt. Droupadi Murmu. Hon'ble Minister expressed his pleasure and expected more technological value additions and transformations with a smiling word "Ye Dil Mange More".



State level Capacity building Drive on NeVA for DIOs

A state level capacity building programme was planned for DIOs to cover various NeVA modules which was organised at the NeVA Facilitation Centre of OLA on 29th June 2024.

Delivering introductory address Shri Dasarathi Satpathy, Secretary, OLA, informed that NeVA, a flagship MMP of GoI, aims to provide legislatures with a comprehensive suite of e-governance solutions that will help them to improve their efficiency, transparency and accountability.

Joining as Chief Guest, Hon'ble Speaker, Smt. Surama Padhy told that the vibrant functioning of digitized House will not only improve productivity of legislative processes but also enhance image of Odisha as a digitally empowered state. Appreciating the contribution of DIOs in this election process, she felicitated all DIOs in this occasion. The training session was carried out by NeVA team headed by Sri Ashok Rout, Scientist-D under guidance of Smt. Sarita Sahoo, Sr. Director(IT).





हिन्दी प्रोत्साहन योजना के तहत चयनित प्रतिभागियों को किया गया सम्मानित

भारत सरकार के सभी कार्यालयों में राजभाषा हिन्दी का सही रूप से प्रचार, प्रसार एवं कार्यान्वयन के लिए समय समय पर प्रोत्साहन योजनाएँ लागू की जाती हैं। इसी शृंखला में मूल रूप से हिन्दी कामकाज करने हेतु हिन्दी प्रोत्साहन योजना लागू करने का प्रावधान किया गया है जिसके तहत राष्ट्रीय सूचना-विज्ञान केंद्र, भुवनेश्वर में यह लागू किया गया है। इसमें वर्ष 23-24 के लिए किए गए हिन्दी कार्य का मूल्यांकन के आधार पर छह प्रतिभागियों को दिनांक 18/06/2024 को एनआईसी, भुवनेश्वर के डॉ. शेषगिरी मेमोरियल हॉल में माननीय सांसद (लोकसभा) के कर कमल से प्रमाण पत्र के साथ सम्मानित किया गया।



हिंदी कार्यशाला: “एन पी एस (NPS) एवं आयकर से संबंधित”

राष्ट्रीय सूचना-विज्ञान केंद्र, भुवनेश्वर में वर्ष 2024 की द्वितीय तिमाही कार्यशाला का आयोजन दिनांक 28/06/2024 को राज्य सूचना-विज्ञान अधिकारी (SIO) डॉ. श्री अशोक कुमार होता की अध्यक्षता में किया गया। इस कार्यशाला में पहली बार जिलाधिकारियों ने प्रत्यक्ष रूप से भाग लिया, जबकि वे हमेशा VC के माध्यम से जुड़ते हैं। कार्यशाला में बतौर मुख्य वक्ता भुवनेश्वर स्थित Axis बैंक चंद्रशेखरपुर शाखा के क्षेत्रीय प्रभारी श्री अनिल बिस्वास उनके टीम सदस्यों के साथ उपस्थित थे।

सभी का स्वागत करते हुए सुश्री अलका प्रधान ने भाषा के महत्व पर प्रकाश डालते हुए कहा कि मनुष्य जीवन में भाषा ही सर्वोपरि है जिसके सहारे हम अपने सोच, विचार, एक दूसरे के साथ सम्प्रेषण, आगे समाज के साथ सरोकार आदि को अभिव्यक्त करने में सक्षम होते हैं। अपने वक्तव्य में SIO महोदय ने उपस्थित जिलाधिकारियों से आग्रह किया कि वे अपने सारे कार्यालयीन काम हिन्दी में करें और मुख्यालय के आदेशानुसार सभी नाम पट्ट आदि त्रिभाषी (ओड़िया-हिन्दी-इंग्लिश) क्रम में बनवाएँ।

मुख्य अतिथि श्री अनिल बिस्वास ने NPS को बड़े ही सरल और सहज भाषा में समझाया। NPS से जुड़े सभी मुद्दों को क्रमवार समेटने की कोशिश की। इसके साथ साथ आयकर से संबंधित विषयों को जोड़ा तथा अच्छे अच्छे निवेश के बारे में भी बताया। आगे उनके टीम सदस्य श्री निहार रंजन स्वाई ने प्रतिभागियों के सारे प्रश्नों का उत्तर भी बड़ी सरलता से रखा। अंत में उपध्यक्षा श्रीमती सुजाता दास ने मुख्य अतिथि तथा उपस्थित पदाधिकारियों को धन्यवाद ज्ञापन के साथ कार्यशाला का सत्र सम्पन्न हुआ।



Publication



e-Panchayat Sabha – A digital workplace for Gram-Panchayat meeting – published in Informatics Vol.32 No.4 April 2024 Issue ISSN – 0971-3409 pages 25-27 under eGov Products & Services



First meeting of the State Level Empowerment committee on Citizenship Amendment Act-2019 (CAA) was held on 27th May, 2024 under the Chairmanship of Director, Census attended by SIO as esteemed Member.



Ms. Itishree Nanda, DIO Cuttack joined the International Yoga Day observed at Jawaharlal Nehru Indoor Stadium, Cuttack on 21st June, 2024 as Yoga Expert. She carried out the training session in this mega event attended by Hon'ble MP, MLA of Cuttack District with Collector, ADM, and district level officers, College Students & others.



Sri Jyoti Prakash Behera, DIO, Jagatsinghpur was honoured to join the International Yoga Day along with Shri Bibhu Prasad Tarai, Hon'ble MP and Shri Anupam Saha, IAS, Collector & District Magistrate on 21st June, 2024



Sri Padum Singh Alma, IAS, General Observer, Sri Siju Thomas, IAS, Counting Observer, Sri M. Abdaal Akhtar, IAS, Collector & DM, Angul and other senior officers joined to release Election Special issue of 'The Ascender' on 4th June, 2024



Zigbee and Smart Cities: Enhancing Urban Living

Communication is vital in smart city projects as it enables real-time data exchange between devices and systems, ensuring efficient management of resources, improved public services, and enhanced safety. Zigbee is well-suited technology for smart city applications due to its low power consumption, mesh networking capability, scalability, self healing capability and reliability.

Zigbee architecture consists of three device types that are:

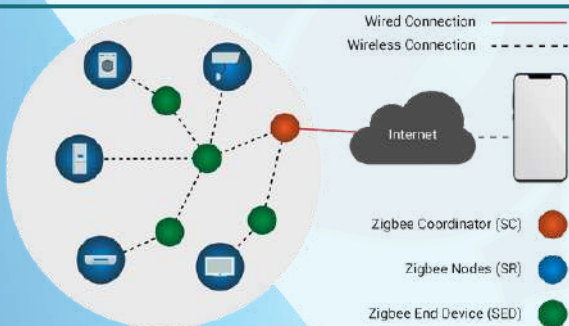
1. Coordinator, 2. Router/Nodes, 3. End Device.

The Coordinator initiates the network, manages its operation, and serves as the central hub. Routers extend the network range by forwarding data between devices, facilitating a robust and scalable mesh network. End Devices are usually low-power sensors or actuators that communicate with Coordinators or Routers but do not relay data, conserving energy.

This technology support small to large Networks up to 65000 devices in theory where as upto 240 devices is reasonably accommodate in the network without making the architecture complex. In it's addressing mechanism a device is assigned a random address and announced. Mechanism for address conflict resolution. Parents nodes don't need to maintain assigned address table. Each node maintains quality of links to neighbors. Link quality is used as link cost in routing.

Zigbee's mesh network topology allows devices to communicate with each other and relay data, ensuring robust and extended coverage. It's self-healing capabilities that reroute data if any of the device fails on the path. This ensures continuous operation and data transmission, which is critical for applications like traffic management and public safety systems. This is crucial where large-scale deployments in urban environments where devices may be spread over vast areas.

The Zigbee Alliance, now known as the Connectivity Standards Alliance (CSA), is a global consortium of companies that collaborate to develop, maintain, and promote open, global standards for wireless device communication.



TOONIC

"...YOGA...its easy...just relax, sit and close your eyes...it will take your soul out from your core work area..."



Celebration of International Day of Yoga-2024 at Odisha State Centre, NIC, Bhubaneswar

The 10th International Day of Yoga was celebrated on 21st June, 2024 in Dr. Seshagiri Memorial Hall at Odisha State Centre, NIC, Bhubaneswar with great eagerness and enthusiasm.

The event was organised under the guidance of Shri Suresh Chandra Tripathy & Smt. Rajalaxmi Tripathy, Founders and Yoga Experts of Shreyash Yoga Therapy Centre, Bhubaneswar. The function started with lightening the auspicious lamp and chanting of Saraswati Vandana followed by the speech by the guests on the topic of this edition "Yoga for Self and Society". The participants practiced various Yogasans and Pranayams under the supervision of the experts. They also discussed about the effect of Yoga and Pranayama on various lifestyle diseases with the experts. Dr. Ashok Kumar Hota, DDG & SIO felicitated the guests.



Our sincere tribute and honour to

- Dr. Rama Krushna Das, Scientist-G (Deputy Director General),
- Choudhury Swarna Prava Panda, Scientist-F (Senior Director(IT)),
- Shri Ajit Kumar Pattanayak, Scientist-F (Senior Director(IT)),
- Shri Krishna Chandra Pattnaik, Scientist-F (Senior Director(IT)),

on the eve of their attaining superannuation and

to Shri Shubham Kumar, Scientific/Technical Asst-B on the eve of his Transfer to NIC, UP for their years of dedicated & exemplary service.

FAREWELL