



Shri Naveen Patnaik, Hon'ble Chief Minister of Odisha launches New Services of WCD Department

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"The philosophy of the school room in one generation will be the philosophy of government in the next."

– Abraham Lincoln

InSight

Hon'ble Chief Minister launched Five New Services of WCD & Mission Shakti Department, Odisha

Under 5T charter of Government of Odisha, Hon'ble Chief Minister Sri Naveen Patnaik has launched 5 new Online Services of Women and Child Development and Mission Shakti Department through Video Conference. These 5 online services are e-Kalika, Mo Chhatua App, e-Manadeya Portal, Mamata App and Mo Sisu portal. These applications will be helpful in providing qualitative services to Anganwadi Workers, Women Self Help Groups, Hostels for working women, Destitute Home and Child Care Institutions.

The different Apps, Websites and Portals relating to the above services are as given below.

E-Manadeya : This is an Honorarium Portal System, a centralize mechanism to provide the incentives/honorarium directly to the Anganwadi Workers and Helpers bank account. Around 1.5 Lakh of Anganwadi Workers and Helpers across the district and state level office will get benefitted using this application.

Mamata App : Pregnant and lactating Women of 19 years & above excluding all government & Public Sectors undertaking employees are beneficiaries of this MAMATA Scheme.

Mission Shakti Website: (<https://missionshakti.odisha.gov.in/>) will help to present Mission Shakti related information to the end users.

Grant-In-Aid Portal System: (<https://giawd.odisha.gov.in>) enables to automate the process of NGO registration & fund transfer to NGO accounts under Swadhar Greh & Ujjwala Scheme.

In the function, Smt. Tukuni Sahu, Hon'ble Minister, Women and Child Development, Sri Suresh Chandra Mahapatra, IAS, Chief Secretary, Smt. Anu Garg, IAS, Principal Secretary, WCD Department, Sri V. K. Pandian, IAS, Secretary to Hon'ble Chief Minister, Smt. Kabita Roy Das, DDG & SIO, NIC Odisha and other senior officials were also present.

Unique Land Parcel Identification Number (ULPIN) : A Milestone



BhuNaksha Map with ULPIN on Bing or Google Map

"BhuNaksha" product is used for spatial data management of Land Records. It is helpful for mutations on maps, display and linking with textual data in Bhulekh.

Unique Land Parcel Identification Number (ULPIN) in the country is a step forward in BhuNaksha. This number shall be a Single, Authoritative Source of Truth of information on any parcel of landed property to provide Integrated Land Services to the citizens as well as other stake holders.

For this purpose a 14-digit ECCMA

(Electronic Commerce Code Management Association) standard code has been prepared by National Informatics Centre for the Land Parcels with Geo reference data. Thus, the plots having geo referenced data of Odisha will get such numbers. This will help in easy identification, inter operability and data sharing with other applications. In pilot run, 3 villages of Deogarh District of Odisha have been assigned the ULPINs. The maps can also be super imposed on Bing or Google maps for more informative and value additions on the available spatial data.

ULPIN was launched by Shri Ajay Tirkey, IAS, Secretary, Department of Land Resources (DoLR), Ministry of Rural Development (MoRD), Govt. of India (GoI) and Shri Bishnupada Sethi, IAS, Principal Secretary, Revenue & Disaster Management Department, Govt. of Odisha. Other dignitaries Shri Hukum Singh Meena, IAS, Addl. Secretary, DoLR, Government of India, Shri D.C.Misra, DDG & HOG (LRISD), NIC, New Delhi and Smt. Kabita Roy Das, DDG & SIO, NIC, Odisha were also present.

NIC's Flagship e-Counselling System keeps its promise

As per the provisions of the Odisha Professional Educational Institutions (Regulation of Admission and Fixation of Fee) Act, 2007, the Odisha Joint Entrance Examination (OJEE) committee is formed on recommendation of Policy Planning Body with due approval by the Government (Skill Development and Technical Education Department) for the purpose of holding Common Entrance Examinations for admission to the Undergraduate/Postgraduate Level

Professional Courses in the State of Odisha. The emphasis of OJEE committee is directed towards conducting Entrance Examinations and provide a fair, transparent and single window admission process for various professional courses in the State adopting effective state-of-the-art technology.

NIC is associated with OJEE since 2010 and providing technical services in conducting entrance examination and

counselling processes. Admission to different professional courses like B.Tech (Regular and Lateral Entry), B. Pharm (Regular and Lateral Entry), BHMS/BAMS, MBBS/BDS, MBA, MCA, M.Tech, M.Arch, M.Plan, M.Pharm takes place every year using the services offered by NIC.

Registration for OJEE examination has started on 14th April 2021.



SpotLight

Due to COVID 19 pandemic situation in the world, Online examination has become essential tool on the part of educational institutions for awarding degrees. Besides this, entrance tests are also need to be conducted online for admission in different technical/professional courses running across the country. For conducting such examinations, mainly 3 types of challenges are being faced. These are;

- Identification and Authentication of the Examinees.
- Conducting Test and its Evaluation.

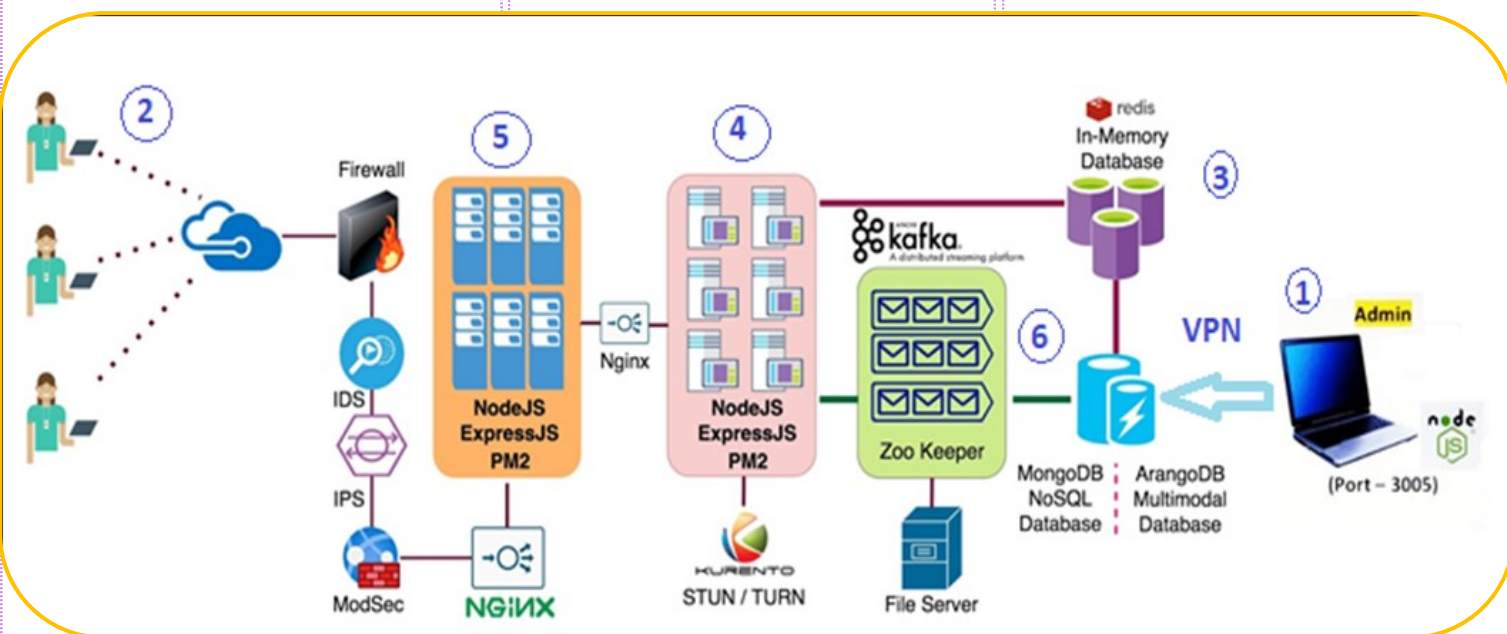
invigilate the examination/test.

Salient features PBOX:

- Online and on-campus mode of conducting the tests.
- 'Admin module' to configure an examination for setting up of Multiple Choice Questions. Each question has multiple choices with one correct answer. These question sets are randomly generated by the application software.
- While waiting in the pre-exam lounge

the student's baseline biometric profile, stored on file.

- Colour codes are used for questions to distinguish; which are attempted, not attempted and attempted but not synchronized to the server.
- Proctoring is done for Face Recognition, Multi-Person Detection, Absence detection, Eyeball tracking, and whispering among examinees.
- Lightweight browser with limited functionality will be shared.
- Highly scalable; all components run in cluster mode, horizontal scaling through



Functional Building Blocks of NIC's PBOX

- Proctoring the test from remote locations ensuring fairness in conducting the examinations.

Thus, PBOX is designed keeping all these above mentioned challenges in mind. AI has been used to take care of proctoring activities. The AI tool, Tensor Flow has been used for matching the candidate's face with the existing image in the repository. This helps the proctor who normally sits at a remote place and

before the examination starts, the candidates can do the required device calibrations, go through the instructions, see demo exam video, etc. to get acquainted with the system.

- Multi-factor biometric authentication using AI has been implemented to verify the identity of students, upon entry. Each student's face image is captured through camera. The ID is also collected. These parameters such as photo and ID are matched against

container by design.

- Chatbot support; Candidates can communicate their issues through the Chatbot which is available out of the box in the system.
- Based on traffic load, smart bandwidth management may be activated.
- Network resilient; examination can continue even if the network fails in between.



Hon'ble Minister of Revenue and Land Reforms, Bihar inaugurates the National Seminar at Patna

Government of Bihar has organised a National Seminar on "Textual and Spatial Data Integration of Land Records" on 1st March 2021 in Patna, Bihar. Shri Ram Surat Kumar, Hon'ble Minister, Department of Revenue and Land Reforms, Patna, Bihar, inaugurated the function and addressed all the participants present there physically and through video conferencing.

The objective of the Seminar was to know the Best Practices adopted by different States in integrating both textual and spatial data. Three States



At BBSR VC Studio : Smt Kabita Roy Das, DDG & SIO, Odisha with other Senior Officials

Odisha, Gujarat and Rajasthan had been invited for sharing of knowledge and technologies for efficient service

delivery in Land Records. Dr. Kamal Jain, Professor, IIT, Roorkee gave a detailed technical presentation on the topic. The officers from State Revenue Departments and respective State NIC, Land Record Teams presented the practices going on in their States.

The Government Process Re-engineering (GPR) done by different States for adoption of emerging technologies were also shared.

Shri Vivek Kumar Singh, IAS, Additional Chief Secretary, Department of Revenue and Land Reforms, Patna, Bihar and other Seniors officers also

gave their views and the benefits of integrating Textual and Spatial data in Land Records .

Innovative Mobile Apps from District Units of NIC Odisha Braced District Governance



DM, Gajapati and SIO, Odisha launch Mobile App 'Notification Information System'

To enable District Governance through Mobile Apps, DG, NIC offered a challenge to all the NIC District Units of the country to participate in Mobile App development. All the Districts of Odisha participated enthusiastically in this competition, under the active guidance and support of state team. The DIOs/ADIOs of Odisha State have come up with beautiful Mobile Apps very much useful to different stakeholders. These G2C and G2G service oriented Apps are usable, reliable, maintainable and scalable in nature. Few of these Mobile Apps are;

- **Ama Odisha Ama Zilla** : This bi-lingual App is very much informative,



DIO, Jharsuguda and ADM, Revenue, launch 'Minor Mineral Tracking System'

generic in nature and useful for District Administration.

- **e-Sairat**: A G2G mobile app for monitoring the minor mineral sources of Districts.
- **MITRA**: Mobile App for Integrated Tracking and Rescue Application is a technology based rescue and alert system for persons in distress.
- **Zero-F**: The mission of the application is for mentoring, counselling and monitoring the performance of examinees to achieve Zero Fail in examinations.
- **GOINDIA**: Government Infrastructure Digitisation App (GOINDIA) is mostly a G2G Mobile



DM, Mayurbhanj launches Mob App 'MITRA' in presence of DIO and ADIO, Mayurbhanj

App for Management and maintenance of Government infrastructure in the district .

Besides these, other Mobile Apps developed by District Unit of Odisha are, Koraput Tourism, Angul Police Tracking, Janprashasan, Track the Fire Fighter, Minor Mineral Tracking, Health Monitoring App, Under Nutrition Child Monitoring App, Jagaran, Project Monitoring, District Meeting App, CHETNA, Swacha Karyalaya, Udyam, Matrujyoti and M-Farming etc.



Epitome

Odisha Legislative Assembly Becomes First to Adopt NIC's NeVA

Odisha becomes the first state to use National e-Vidhan Application (NeVA) for inside the House Digitisation during the budget session 2021 of Odisha Legislative Assembly.

On 18.02.2021, the first day of current session, Hon'ble Governor's address was made online on NeVA. Information was shared through e-book for all Hon'ble Members of OLA inside the House. Controller and display module has also been implemented for 'Motion of Thanks' by Govt Chief Whip.

On 20.02.2021, Economic Survey was made accessible on NeVA for Hon'ble Members and public. State Budget Estimates were laid on the floor of the house by Hon'ble Finance Minister Shri Niranjan Pujari through NeVA e-Book.



Dr. Surja Narayana Patra, Hon'ble Speaker, Odisha launches NeVA



TechTalk

NIC's Tech Expo "Hello World" Showcased the Future Technologies



Training Lab, 2nd Floor,
NIC, Bhubaneswar, Odisha

Time - 3:00 PM - 5:00 PM
Date - 19th February 2021



Glimpses of 'Hello World : A Tech Expo Organised at NIC, Bhubaneswar

On 19th Feb 2021, NIC Odisha State Centre hosted a Tech-Expo where twenty six different technology platforms were demonstrated by young workforce working in different projects of NIC.

The objective of this Technology Fair in NIC Odisha State Centre was to explore various technologies, tools and

innovative ideas so that, these can be effectively utilised in prospective projects. The major benefit of the programme was that the participants got an opportunity to experience technology demonstrations on twenty six platforms under one roof.

In the concluding session Smt. Kabita Roy Das, DDG & SIO, Odisha, Shri

S.K. Mohapatra DDG & Head, Training division and the ASIOs addressed the participants and inspired them with their kind words to move forward to the next level.



Accolades



Disaster Assistance Monitoring and Payment System (DAMPS) developed by NIC, Odisha, conferred with Gems of Digital India Award 2020



IT By Tea

In this Covid time when there is a struggle between the life and livelihood, work from home is now the new normal. WFH is now widely augmented by a technology called Virtual Desktop Infrastructure, or VDI. It enables fully personalised mobile desktops for every user with the security and simplicity of centralised management. Users have the freedom to access virtual desktops anytime, from anywhere and on any device. Backed by cloud computing, fibre network and VPN the VDI technology is now more secure, faster and scalable for the need of the current time.

... Yeh ... I'm fine ... thanks to Cloud and Wi-Fi, this Work from Home is just amazing ... no Boss ... no works ... you see...

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