



Shri Naveen Patnaik, Hon'ble Chief Minister of Odisha launches e-JalaAbantan



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“Scientists have become the bearers of the torch of discovery in our quest for knowledge.”

– Stephen Hawking

InSight

**Hon'ble Chief Minister of Odisha
Launches eJalaAbantan**

Hon'ble Chief Minister of Odisha, Shri Naveen Patnaik, launched the web based e-JalaAbantan application on 9th November 2020 as a part of 5T initiatives of Department of Water Resources, Government of Odisha.

Under the provisions of the Odisha Irrigation Act, & the Odisha Irrigation Rule, as amended from time to time, the Government in its Water Resources Department is the competent Authority to grant permission to commercial and other establishments for drawal of water from Government water Sources and



Irrigation works. eJalaAbantan (<https://waterallocationod.nic.in>) is a web based system for receiving online application and allocating water to Commercial & other Organizations(i.e. P.H. / RWSS water supply , Railways , Ports, Institutes etc.). The project has facilities for receiving online applications, raising queries by concerned authorities, treasury payment gateway integration (Security Deposit and Processing fee), real time Basin wise water availability status, SMS and Email Notification, real time application status tracking, phasing / rephrasing /enhancement / reduction, Dashboard etc. to help in bringing transparency in the entire system of allocation of water in the state.

e-JalaAbantan is developed by NIC, Odisha State Centre, Bhubaneswar.

SpotLight

Ganjam sets examples through series of achievements

On request of Hon'ble District Judge, Ganjam, in the recruitment process for District Court of Ganjam, a computer skill test for the qualified candidates in the written test has been conducted and supervised by NIC, Ganjam. The objective of the test is to judge the computer skill of the candidates. The test was conducted in a well set up computer lab with internet facilities in P.M.E.C. (Parala Maharaja Govt. Engineering College), Berhampur on 29/11/2020. In presence of the candidates, the evaluation done under the supervision of DIO, Ganjam. Merit list generated within hours of completion of the exam.

The District website of Ganjam became the first district web site in Odisha to attain the Certified Accessible Website by STQC (Standardisation Testing & Quality Certification), under Ministry of Electronics & Information Technology, Govt. Of India. Ganjam district web site

has been audited by STQC under the Accessibility Certification Scheme for S3waS web sites. This certification ensures that the web site is accessible to the disabled and complies with the GIGW (Guidelines for Indian Govt. Websites).

A training program was organised by NIC, Ganjam and District Administration, Ganjam to impart the two additional modules of DAMPS (Disaster Assistance Monitoring and Payment

System) to all the 23 Tahasil staffs of Ganjam district through Video Conference. Sri Subash Chandra Misra, DIO, NIC, Ganjam gave the presentation and live demonstration of the software, developed by NIC, Odisha. ADM (Revenue) chaired the proceedings and District Emergency Officer with his staff and all Tahasil staffs attended from their respective sites. District administration appreciated the role of NIC, Ganjam for conducting the training program.



District Informatics Officer, Ganjam demonstrates features of DAMPS

Epitome

NIC Video Conferencing Services Tie Indo-Bhutan Economic Relation

Hon'ble Prime Minister of India and Hon'ble Prime Minister of Bhutan, jointly launched Phase-2 of RuPay card, via NIC Video Conferencing Service. RuPay card Phase-1 enabled visitors from India to access ATMs & PoS terminals across Bhutan, Phase-2 will now allow Bhutanese card holders to access RuPay network in India.



Hon'ble Prime Minister of India and Hon'ble Prime Minister of Bhutan, jointly launch Phase-2 of Indo-Bhutan Economic Tie via NIC Video Conferencing Service.

Resonance

NIC's ServicePlus Promises to deliver Unified Services to Citizen of Odisha

Screenshot of ServicePlus platform of NIC

ServicePlus is a unified platform based on multi-tenancy architecture for delivering electronic services to the citizens. The main objective of ServicePlus is to make all Government Services accessible by the common man in his locality, through common service delivery outlets ensuring efficiency, transparency and reliability.

e-District Project, build on NIC's ServicePlus platform, was launched by Hon'ble Chief Minister of Odisha. 54 Nos of services are successfully developed and launched through this platform. Out of it 34 are under Odisha Right to Public Services Act. (ORTPSA) and 20 are non ORTPSA category. Recently Hon'ble High Court and Department's like Energy, Fisheries & Animal Resources Development and Council of Higher Secondary Education launched their citizen centric services on ServicePlus. In total, 1792 services from 31 states are delivered on ServicePlus Platform. Odisha is at 5th position with 54 services with 25,55,245 applications from citizens of Odisha.

TechTalk

Video Conference

With the outbreak of unprecedented COVID-19 pandemic, virtual meetings are preferred than physicals and consequently, Video Conferencing has become an indispensable part of official activities now. Two main variant of video conferencing systems are;

Web-Based Video Conferencing and Studio-Based Video Conferencing

Web-based video conferencing is done by downloading an application and doing some easy set up. For this type of conferencing, devices such as Desktop/Laptop/Smart Phone/Others with Camera, mic and speaker are required. Studio-based video conferencing requires more setup (Codec/Display/Mic/Speaker) but is a better option if the conferences are hosted from a consistent location. This system provides a greater range of functions including live streaming, camera control and adjustments according to the requirements. Also can be easily integrated with work place or home systems.

Video Conferencing Standards :

Video Conferencing uses H.320 as parent protocol. Variant H.323 is used over LAN. H.323 endpoints support data sharing with H.239 (Dual Video). The Transport layer standards used for conferencing are TCP, UDP & RTP.

Audio : G.711, G.722, G.722.1, G.722.1C, G.723.1, G.728, G.729, AAC-LC, AAC-LD

Video : H.265/HEVC, H.264 High Profile, H.264, (H.264 SVC), H.263, H.261

Data : H.239. **Control:** H.225, H.245, H.460

Multipoint Control Unit (MCU) :

MCU server is used to connect three or more endpoints during single session. All the endpoints participating in video conferencing are first connected to the MCU server, and then MCU distributes video streams to all the endpoints.

IT by Tea

Now a days cyber security of critical infrastructure have touched a new high. Honeypot is now playing a major role in the field of Cyber security by not only alarming susceptible cyber attack but also recording the insight of the attack protocol. Honeypot is a sacrificial system, may be a server or web application having special capability of recording the steps used by a malicious program to attack the system. Different types of Honeypots are Database Honeypots, Web Honeypots, Distributed Honeypots, USB Honeypots and Server Honeypots etc. Many countries follows strict protocol to deploy minimum 3% of the physical machines, in any critical infrastructure, as Honeypot.

...That's non-sense ... they decided to move into Cloud and thrown me out, citing I am overweight...

