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"I have never met a man so ignorant that I couldn't learn something from him."

– Galileo Galilei



InSight

Hon'ble Chief Justice of Orissa High Court Launches Virtual court and e-Services of Orissa High Court

Dr. Justice S. Muralidhar, Hon'ble Chief Justice, High Court of Orissa launched multiple e-Services of High Court of Orissa such as High Court Mobile App, Virtual Court System (<https://vcourts.gov.in/virtualcourt/>) for online redressal of traffic disputes in the jurisdiction of Cuttack-Bhubaneswar Commissionerate, the system of online payment of fines (<https://pay.ecourts.gov.in/epay>) in the cases before District and Subordinate Courts of Odisha and commencement of Live streaming of Case proceedings in the Court of Hon'ble Chief Justice on 02/08/2021 for the benefit of litigants and advocates.

Addressing the virtual gathering of Hon'ble Judges of the High Court, District Judges of the state, the Advocate General, Odisha, DDG & SIO, Odisha, Transport Commissioner, DG Police, Commissioner of Police, Cuttack & Bhubaneswar and the members from the High Court Bar Association, Hon'ble Chief Justice emphasized upon the benefits of the new services and praised the initiatives of the Hon'ble eCommittee, Supreme Court of India and efforts put by NIC in implementing these IT services. Hon'ble Shri Justice Biswajit Mohanty, Chairman of IT and AI committee and Hon'ble Shri Justice Satrugana Pujahari highlighted the various benefits of these services.

Smt Kabita Roy Das, DDG & SIO, NIC addressed on the occasion and highlighted the usefulness of each services and briefed about the role of NIC in providing the technology

solution for these services.

Hon'ble Chief Justice as well as other invited guests appreciated the efforts of NIC in delivering the services.

Hon'ble CM Launches 9 Online Services of Energy Sector



Hon'ble Chief Minister of Odisha, Shri Naveen Patnaik, launches online services of Energy Department

Hon'ble Chief Minister of Odisha, Shri Naveen Patnaik, launched nine online services of Energy Department on 6th August 2021 as part of 5T initiatives of Government of Odisha, in presence of Hon'ble Minister of Energy, Shri Dibya Shankar Mishra, Chief Secretary, Shri Suresh Chandra Mahapatra, IAS, Development Commissioner, Shri Pradeep Kumar Jena, IAS, Principal Secretary, Department of Energy, Shri Nikunja Bihari Dhal, IAS, IT Secretary, Shri Manoj Kumar Mishra, IRTS, EIC (Electricity), Shri Santosh Kumar Das, and DDG & SIO, NIC Odisha State Centre, Smt. Kabita Roy Das. The

programme was moderated by 5T Secretary, Shri V. K. Pandian, IAS.

As a hallmark of Good Governance, Government of Odisha has time and again initiated steps for delivering important services in a time bound manner. Ten services have been notified under Odisha Right to Public Services (ORTPS) Act. vide Notification No. 12974 dated 03.06.2020 under "ENERGY DEPARTMENT", pertaining to the office of the EIC (Electricity). Out of 10 services, 9

services are now available online for the citizens of the state viz. Drawing Approval, Normal Inspection, Emergency Inspection, Testing & Calibration of Measuring instruments & other items, Workman Permit, Supervisor License (MV/HT) i.e. Supervisor Certificate of Competency, Contractor License, Temporary Project License and Chartered Electrical Safety Engineer (CESE) Certificate. A citizen can avail all the above online services in the websites <https://edistrict.odisha.gov.in> and <https://eiclectricityodisha.nic.in>. As on 1st August, 2021, 16,429 nos. of applications have been approved and services delivered.

e-Lectures Started for Under Graduate Students of Odisha



e-Lectures started for Under Graduate Students of Odisha

Dr. Arun Sahoo, Hon'ble Minister of Higher Education Department, Govt. of Odisha has launched the e-Lectures Portal (<https://vtputkal.odisha.gov.in>) for under graduate students on 8th July, 2021 in the conference hall of Krushi Bhawan. The portal has been hosted at VOD server of Command Control Centre, NIC, New Delhi. "A VOD server (video-on-demand server) is a specialized server that delivers video content over the internet. HLS (HTTP Live streaming) is a media streaming protocol used to deliver visual and audio media to viewers online. OTT

(over-the-top) refers to the distribution model and VOD, on the other hand, refers to the consumption model".

The site is designed with a Mobile First Approach. The e-Lectures Search Box, Latest videos, Syllabus, Resources and feedback are prominently displayed on the website to serve students as well as faculty members.

Under Rashtriya Uchattar Shiksha Abhiyan (RUSA), Virtual Tutorial Project (VTP) was initiated in the year 2017. At Present, the e-Lectures for core papers of 1st and 2nd Semesters of

eleven subjects i.e. Physics, Chemistry, Zoology, Botany, Political Science, Odia, History, English, Psychology, Commerce and Economics have been uploaded in the web portal. Other core papers of remaining Semesters of these 11 subjects will be uploaded in due course of time.

Hitherto 40 thousand users have visited the site and 15 thousand students downloaded e-lecturers. Alongside different states of India, the site also receives hits from different corners of the globe, USA, Australia Singapore and other countries.

Portal of Agricultural Promotion and Investment Corporation Of Odisha Ltd (APICOL) Inaugurated



Dr. Arun Kumar Sahoo, Hon'ble Minister, Govt. of Odisha, inaugurates the Portal of APICOL

Dr. Arun Kumar Sahoo, Hon'ble Minister of Agriculture and Farmers' Empowerment, Govt. of Odisha, inaugurated the web portal of APICOL (<https://apicol.nic.in>) on 17th August 2021 in Krushi Bhawan, Odisha in presence of Shri Krutibas Patra, Advisor, APICOL, Shri R K Sharma, IAS, Agriculture Production Commissioner, Smt. Kabita Roy Das, DDG & SIO, NIC, Odisha, Shri S K Vashishth, IAS, Commissioner cum

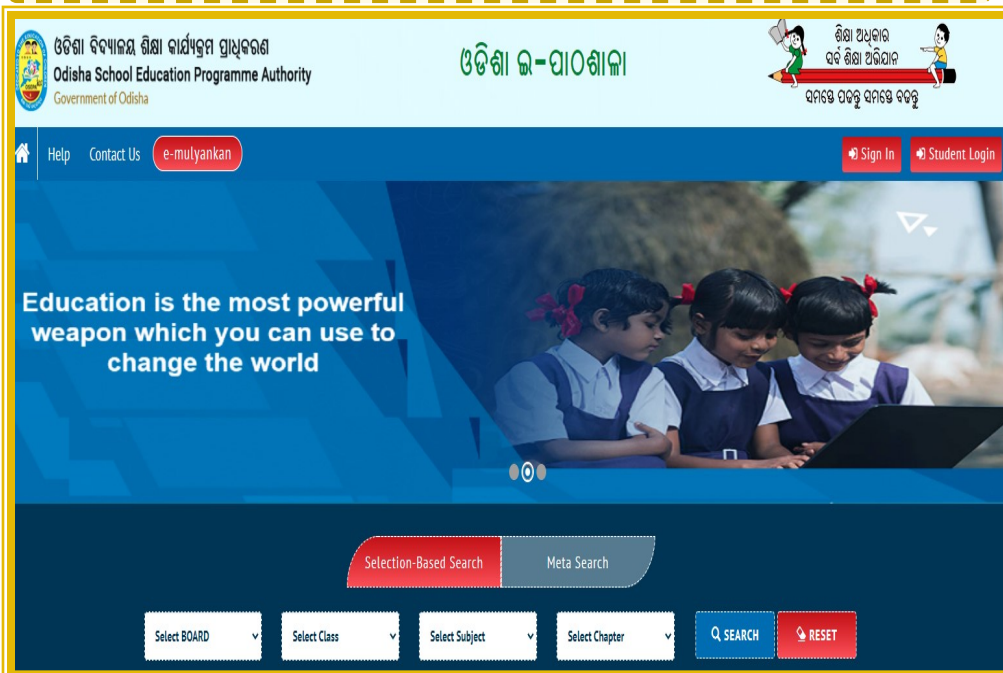
Secretary, Agriculture & FE, Prof. P K Roul, MD, APICOL, Dr. M Muthu Kumar, IAS, Director, Agriculture & FP and Directors of Horticulture and Soil Conservation.

The web portal enables the agri-entrepreneurs of agriculture, horticulture, fishery and animal husbandry sectors to know about the state and central Govt. schemes operational in APICOL on a single

window. The web portal includes all the activities of APICOL and success stories of the progressive farmers in agriculture, allied sectors, food processing, mushroom culture and integrated sectors.

This open source CMS based web portal has been developed deployed by NIC, Odisha.

Odisha Teaches its School Students Online Through NIC's e-Pathshala



Screenshot of e-Pathshala Portal of Odisha

Shri Samir Ranjan Dash, Hon'ble Minister of School and Mass Education, Government of Odisha has inaugurated two dynamic portals: E-Pathashala (<http://epathshala.odisha.gov.in>) and

E-Mulyankan (<http://emulyankan.odisha.gov.in>), developed, by National Informatics Centre, Odisha.

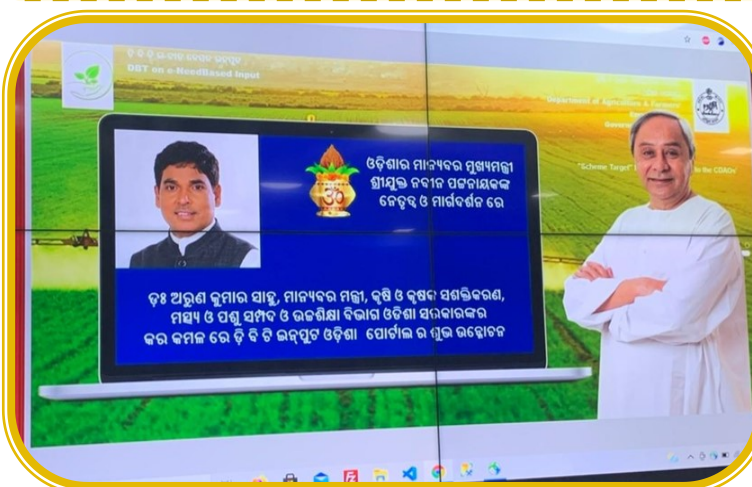
“E-Pathashala” & “E-Mulyankan” are

the Learning Management Portals for the students of the government schools under School & Mass Education Department, Govt. of Odisha. The Odisha School Education Programme Authority (OSEPA) has developed these portals to provide digital content, online teaching and assessment both online & offline. The portals would facilitate around 54, 911 schools with 1.98 lakhs teachers and 71 lakhs students. Also help in assessing the education of the students giving access to the digital content based on their courses. This system is helpful during COVID-19 pandemic too.

Initially, pilot run was done in 101 COE (Centre of Excellence) schools. Training was imparted to HMs and another two teachers from each school through virtual mode. Feedback was taken after training. Issues and suggestions raised were addressed to make the application more useful to the state.

Shri Satyabrata Sahu, IAS, Principal Secretary, Department of School and Mass Education and Shri Bhupendra Singh Punia, IAS, State Project Director (SPD), OSEPA were also present in the occasion.

“DBT on e-Need based input” Web Portal and “Input Odisha” Mobile App launched



Dr. Arun Kumar Sahoo, Hon'ble Minister, Govt. of Odisha, inaugurates the Portal “DBT on e-Need based input” and “Input Odisha” Mobile App

Dr. Arun Kumar Sahoo, Hon'ble Minister of Agriculture and Farmers' Empowerment, Govt. of Odisha, inaugurated the web portal “DBT on e-Need based input” and “Input Odisha” Mobile App <https://dbtinputodisha.nic.in> on 2nd August 2021 at Krushi Bhawan, Bhubaneswar. Other dignitaries present were Shri R.K. Sharma, IAS, Agriculture Production Commissioner, Smt. Anu Garg, IAS, Principal Secretary, Water Resources, Shri S.K.Vashishth, IAS, Commissioner-cum-Secretary, Agriculture and FE, Dr. M. Muthu Kumar, IAS, Director, Agriculture & FP, Sri R Raghu Prasad, IAS, Commissioner-cum-Secretary,

Animal Husbandry and others.

Pesticides & insecticides play a vital role in the management of insects, diseases and weeds of different crops. The quality use of pesticides is sincerely governed by State government. To cater these requirements, this work flow based application has been rolled out. This also facilitates provisioning financial assistance to the farmers using DBT. Also using valid Farmer ID, safe and ‘Expert committee approved’ insecticide/ pesticide/ PP chemicals/ fungicide/ micronutrient/ Bio fertilizer can be procured at the time of pest

outbreaks. Alongside another user friendly MobileApp “Input Odisha” has been implemented for VAWs (Village Agricultural Worker) to generate digital permits on need based use, during pest attack on different crops.

Digital invoice is generated at the time of supply by registered Dealers. SMS is also sent during each phase of execution. It is an end to end paperless application starting from target distribution to disbursement of subsidy, in line with 5T principles of Govt. of Odisha.



SpotLight

GRIDCO, OPTCL and SLDC of Odisha adopt NIC's eOffice Solution

NIC's flagship Digital Workplace Solution, eOffice, was launched as part of digital transformation for Government of Odisha Undertakings; GRIDCO Ltd, Odisha Power Transmission Corporation Ltd (OPTCL) and State Load Despatch Centre (SLDC) by Shri Nikunja Bihari Dhal, IAS, Principal Secretary to Government, Department of Energy, Govt. Odisha. The inaugural programme was attended by Mrs. Kabita Roy Das, DDG and SIO, NIC, Odisha, Bhubaneswar, Shri Raghunath Pratihari, Director HRD, OPTCL, Shri Trilochan Panda, Managing Director, GRIDCO, Shri B B Mehta, Director SLDC, Odisha along with other officials of NIC and the user Offices. Addressing on the occasion, Shri. Dhal emphasized on the adoption of digital governance by automating the process of working in office.



Shri N. B. Dhal, IAS launches eOffice for GRIDCO, OPTCL and SLDC



Resonance

Hon'ble Minister Launches iRAD for Odisha



Shri Padmanabha Behera, Hon'ble Minister of Odisha Launches iRAD

Sri Padmanabha Behera, Hon'ble Minister, Planning and Convergence Commerce and Transport, Odisha launched The Integrated Road Accident Database (iRAD) Project for Odisha on virtual mode at Kharvel Bhawan. The iRAD project is an initiative of the Ministry of Road Transport and Highways (MoRTH), Government of India and is funded by World Bank, with an objective to improve road safety in the country. Addressing on the occasion, Shri Behera emphasized on the adoption of iRAD by automating the process of working of different Stake holders and taking timely decision to provide contactless and paperless administration. He also praised NIC for implementing iRAD in different stake holder departments in Govt. of Odisha. All District Collectors, SPs and DIOs of NIC, Odisha along with many top officials from Odisha State and NIC were present in the function in virtual mode through NIC's VC services.



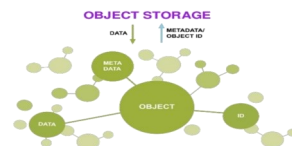
IT by Tea

All sophisticated GIS systems from many Cloud based Map Services are now being questioned on their cost effectiveness and Authentic Map Data. Government agencies shouldn't use these map services for decision making or data driven governance purpose as the data for Roads, Hydrography, Administrative boundaries etc available on these maps are basically crowd sourced, not derived from authentic data sources. Instead, "Bharat Map" (<https://bharatmaps.gov.in>) service of Government of India may be utilized for presenting spatial data.



TechTalk

Object Storage



Computing through modern Data centres need flexible options to store your data . There are different types of storage available .

Out of these 4 types of storage DAS, NAS and SAN are being used for a long period but 'Object Storage' is gaining popularity for last few months . Reason being cloud users are generating and storing more and more object files instead of plain text files . With the fast growing of Internet and Social media a lot data in form of Objects are getting generated . Most frequently used object files are Photograph, Video, Audio, Documents, Books etc. Object Storage is a format for storing unstructured data in the cloud. Object storage is considered a good fit for the cloud because it is elastic, flexible and it can more easily scale into multiple petabytes to support unlimited data growth. Every object contains three parameters:

1. The data itself
2. An expandable amount of metadata
3. A globally unique identifier.

There is no limit on the type or amount of metadata, which makes object storage powerful and customizable. Metadata can include anything from the security classification of the file within the object to the importance of the application associated with the information. Anyone who's stored a picture on Facebook or a song has used object storage even if they don't know it. Objects have to be manipulated as a whole unit, requiring the entire object to be accessed, updated, then re-written in their entirety.

... Sorry dear ... look ... these 3 medals are more precious than all those gifts I could give you over the years...

