

National Informatics Centre Odisha State Centre

Unit - IV, Sachivalaya Marg,
Bhubaneswar - 751001

Tel: +91 - 674 - 2508438

- www.nic.in
- www.gov.in

e-Mail : sio-ori@nic.in

“We cannot solve our problems with the same thinking we used when we created them.”

- Albert Einstein

InSight

NIC Blends Excise with IT



Web Portal of Excise Directorate launched at NIC, Bhubaneswar.

Automation of Supplier Label Registration and Web Portal of Excise Directorate was inaugurated at NIC, Bhubaneswar by Shri Nikunja Bihari Dhal, I.A.S., Principal Secretary to Govt., Department of Excise, Government of Odisha, in presence of

Shri Debendra Mohapatra, I.A.S., Excise Commissioner, Govt of Odisha. Shri Dhal appreciated the efforts of NIC, Bhubaneswar in bringing this Application Portal live. He also mentioned that the fraudulent in label registrations will be filtered out due to implementation of this automation system. On this occasion, Shri Mohapatra described this as a milestone in the area of Excise automation in Excise Directorate.

Team of Officials from NIC led by DDG & SIO, presented a demonstration of the Project to the Officials and other Stakeholders of the Excise Directorate. This Portal has been instrumental providing online service to suppliers

Statutory Payment, Supplier Payment etc. The project also facilitates online payment services for retailers through an innovative wallet type concept for financial transactions.

KCCS Banks on NIC's COIN



Inauguration of Core Banking in KCCS Ltd.

In support of Digital India movement in the country, NIC has taken a major step in bringing out an online core-banking solution (COIN) for banks, those run by Societies. In a first of its kind, Kendrapara Credit Co-Operative Society Ltd (KCCS) goes full-fledged online core banking mode, adopting COIN, which is abiding by all RBI and NABARD guidelines / parameters.

The COIN was developed centrally at NIC, New Delhi. It has been successfully customised and implemented by NIC Odisha at KCCS, Kendrapara. In the presence of Shri Pramod Kumar Sahu, President KCCS Ltd, Official from NIC New Delhi and Odisha, many eminent personalities and Media, the Core Banking of KCCS, Kendrapara was inaugurated by Shri Bhartruhari Mahtab, the Hon'ble M.P of Cuttack.

SpotLight

NIC proclaims Tech Conclave' 19

The first edition of Tech Conclave' 19 was organized by NIC at New Delhi, which was inaugurated by Shri Ajay

Sawhney, IAS, Secretary, Ministry of Electronics and Information Technology, Government of India, in presence of Dr Neeta Verma, Director General of NIC. The platform brought National and International industry experts with Scientists of NIC to one platform on adoption of emerging technologies and inculcating innovations into Government service delivery. Enterprise Architecture, Cloud Computing, Artificial Intelligence, Machine Learning, Internet of Things, OpenAPI, Government going Agile, BIG Data and Data Analytics, Block Chain, Micro services, Data Privacy policy, Identity access and Cyber Security were the major areas of focus during this two day event.



A still from inaugural ceremony of Tech Conclave' 19 at New Delhi

NIC gets International accolades on Swachhta

Ministry of Drinking Water and Sanitation, Govt of India, congratulated Team NIC for the appreciation received for their presentation on 'Role of technology in success of rural sanitation revolution in India' at the *International Conference on Theory and Practice of Electronic Governance (ICEGOV 2019)*, coordinated by United Nations University Operating Unit on Policy-Driven Electronic Governance (UNU-EGOV) at Melbourne, Australia. The paper which goes in depth on action plan of Government of India for rural area under *Swachh Bharat Mission*, presented by team from NIC, New Delhi, led by Shri D C Misra, DDG, has been awarded as best experience paper at this International Conference.



Team NIC presenting paper in ICEGOV 2019 at Melbourne.

Resonance

eOffice : A Seamless Digital Office Suit from NIC



eOffice launched at Commissionerate Police Hq, Bhubaneswar - Cuttack.

NIC's eOffice made its seamless presence in the office of Commissionerate Police Hq, Bhubaneswar-Cuttack, when it was formally launched by Shri Satyajit Mohanty, IPS, Commissioner of Police, Bhubaneswar-Cuttack.

eOffice is a futuristic digital office suit from National Informatics Centre, centrally developed and productized at New Delhi with Open Architectures framework. It supports intra as well as inter-departmental office activities in Government, Directorates, District Collectorates, PSUs and Universities. eOffice of NIC is one of the premium office automation solution which has been adopted by numerous departments in GoI, State Government, and PSUs and Universities, all over India.

eOffice also has been successfully implemented in 26 offices like Shree Jagannath Temple Administration (SJTA), some District Collectorates, other offices in Home Department, OSTA, Commercial Tax dept, OMC, OERC, NHM, DEE, OSMC, NALCO, OUAT etc. With support from Govt of Odisha, NIC, Odisha is putting efforts to bring more departments and organisation under eOffice cloud.

IT by Tea

In SMS Based OTP authentication process, delivery of OTP is dependent on the mobile network and there is always a security threat when communication of secret code is carried out between the Server and the client. TOTP is a mechanism where a mobile App is responsible to generate the OTP using special mechanism, without using underlying mobile network. TOTP is used by popular Google Authenticator and mAadhaar.

TechTalk

RPA : A Robot inside your PC

In business and industrial automation, when a repetitive, voluminous and heavy physical work is to be performed with impeccable perfection, without involving human intervention, instantly an electro-mechanical firmware, a robot comes into mind. In fact, robot is not always a pre-programmed electro-mechanical device as perceived. A new technology, Robotic Process Automation (RPA), a concept of software robotic application, emerging very fast that would drive next generation Business Processes. It has the capabilities to handle repetitive and voluminous tasks that would require massive human work hours to perform through a computer.

RPA is robotic but not hardware. Robotic Process Automation is a notion of software robot, based on Artificial Intelligence (AI).

As an application inside a computer, it can mimic a human worker. RPA can log into other applications, enter data, calculate and complete the tasks and then log out. RPA can move the cursor, click on icons, type in to text boxes, detect patterns, send e-mails, search internet, send SMS and perform many other human-to-computer interactions in a completely automated way.

Considering a case where there are thousands of tax related PDF files in a folder. Extraction of unique number from each PDF file and validating the authenticity of each document, one by one, with those of the website of tax department and keeping separate record of validated documents would require plenty of man power hours. This problem can be solved using RPA.

UI Path (Free Community Edition) and SikuliX (Open source with MIT License) are some available tools for RPA.

...Amazing!...This newly installed robot in my PC downloaded, checked, read and deleted all my emails automatically...

