

Informatics

AN e-GOVERNANCE PUBLICATION FROM NATIONAL INFORMATICS CENTRE

- VIVID'18 - The National Meet on Grassroot Informatics
- India - Sri Lanka: International Cooperation in ICT
- Launch of DigitalNIC
- District Lohit
- District Visakhapatnam
- Jeevan Pramaan
- e-HRMS by NIC
- Online GPF System, Arunachal
- PDF Digital Signing Tool 3.0



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PUBLISHED BY

National Informatics Centre
Ministry of Electronics & IT
Government of India
A-Block, CGO Complex, Lodhi Road
New Delhi-110003
INDIA

PRINTED AT

CHANDU PRESS
469 FIE, Patparganj Industrial Estate
NEW DELHI-110092, INDIA

Launch of **DigitalNIC** right on first day of the new year was a pleasant surprise. For NIC, it was thus the beginning of a series of eventful happenings during the next three months. VIVID'18- The National Meet on Grassroot Informatics, Visit of NIC's team to Sri Lanka for Information Technology and knowledge sharing, to mention a few. With much pride, NIC is on its stride to reach new horizons with much enthusiasm.

VIVID'18 inaugural speech of our Hon'ble Minister commending NIC was simply aspiring. The words reflected his keenness in the role, activity and achievements of NIC. His thoughts, vision and guidance keeps inspiring us and encourages NIC to achieve even further, contributing much for the success of Digital India. A visual-rich feature on VIVID'18, the successful event organized by NIC during February, is a highlight of this issue of Informatics.

The *Spotlight* section of this issue covers the visit of our Hon'ble Minister and the technology team of NIC to Sri Lanka as a part of International Cooperation. It also covers the launch of DigitalNIC and the Meeting on Artificial Intelligence for e-Governance. The districts, Lohit of Arunachal Pradesh and Visakhapatnam of Andhra Pradesh are featured in the *District Informatics* section. Articles covered in the *e-Gov Products & Services* are Jeevan Pramaan achievements, e-HRM System of NIC, Online GPF System of Arunachal Pradesh and PDF Digital Signing Tool 3.0. The sections such as *Accolades*, *International e-Gov Update* and *In The News* are here for you as always.

We are continuously making efforts to improve the quality of *Informatics* and value your feedback and suggestions to make the magazine better. Please do write to us.

Here's wishing you a great season ahead.

Editor

Please propose or suggest interesting articles and features related to ICT, which you feel could delight our readers. Your contributions may be sent to:

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weaving a Digital India

National Meet on Grassroot Informatics

08-10 February 2018, New Delhi



VIVID 2018 ceremonial lighting of lamp by Hon'ble Union Minister, Shri Ravi Shankar Prasad



VIVID'18, the 2nd season of the National Meet on Grassroot Informatics organized by NIC was held in New Delhi at India Habitat Centre during 8th to 10th February 2018. An extensive platform to 240 NIC District Officials from across the country to share their knowledge, interact & leverage each other's experience and best practices VIVID'18 was organized with the theme, 'Cyber Security and Innovation'.

The three-day event was inaugurated by Shri Ravi Shankar Prasad, Hon'ble Union Minister of Electronics & IT and Law & Justice, GoI, in the presence of Shri Ajay Sawhney, Secretary, Ministry of Electronics & Information Technology, Smt. Neeta Verma, Director General, NIC, Smt. Rama Nangpal, DDG, NIC, Shri G.K. Gaur, DDG, NIC, Shri D.C. Misra, DDG, NIC, Smt. Nandita Chaudhary, DDG, NIC on dais, witnessed by an elite audience consisting of delegates, awardees and media personnel.

Two innovative products developed by NIC were also launched by the Hon'ble Minister. These were S3WaaS i.e. 'Secure, Scalable and Sugamya Website as a Service' and 'Centre of Excellence for Application Security' (CoEAS)

Praising the efforts of NICians, Shri Ravi Shankar Prasad gave a challenge to all DIOs to use S3WaaS to create their separate websites in a time bound manner. S3WaaS is a website generating framework to develop, configure, deploy and manage secure, scalable and accessible websites without much effort and technical knowhow.

As security of cyberspace and various innovations would remain the main aspects of Digital World, Hon'ble Minister suggested to make low cost Cyber Security products which should be relevant for India as well as for the world. He urged DIOs to have innovative thinking and advised to play a pivotal role in creating technology solutions. He stated that NIC officers should get more exposure in the emerging technologies including Artificial Intelligence, Blockchain Technology, Internet of Things (IoT), Data Analytics, etc. or can further make innovations.

Shri Ravi Shankar Prasad encouraged NIC being the backbone of technology, to feel proud for their products such as e-Visa, e-Procurement, e-Office, e-Hospital, e-Prison, Open Data, Soil Health Card and National Scholarship Portal. He emphasised and stated the importance of capacity building, technical awareness and pro-activeness and further discussed his plan to make six crore people digital literate, out of which one crore target has already been achieved. In order to encourage officers at grass root, awards were presented to NIC DIOs for their exemplary work in the five categories including Emerging

Technologies, Innovation in Service Delivery, Mobile Applications, Web Applications and Data Visualisation. Three awards were also presented for “Swachhta Pakhwada Abhiyaan”.

The first session of VIVID18 was attended by Senior Government Officials, In-charge MeitY, NIC and discussed various important aspects related to ICT. Around 400 officers, from all over India, participated in this meet. Technology sessions were conducted on different topics such as IoT, Artificial Intelligence and Big Data Analytics. Open sessions for technical discussions were held to

address the queries raised by DIOs related to various deployments and other critical issues which the DIOs faces at work front. Head of groups of key areas took part as panelists to address various technical questions and queries covering technologies, platforms and services.

On day 2, sessions were organised to focus on significant subjects like Cyber Threats & Counter measures, Cyber Security, Understanding Enterprise Architecture, Scalable Web Application Architecture, Database Scalability etc. In order to encourage DIOs further, a session took place as a platform to share their



Dignitaries at the vibrant dais set for the event



Audience at the inaugural ceremony





Let us commend the silent NIC, which is giving digital backbone to the entire Government. There is a need for greater inspiration to do better & the best way would be inculcating innovative spirit. Digital Governance of India has the footprint of NIC.

Ravi Shankar Prasad
Union Minister
Electronics & IT and Law & Justice



With human presence, expertise infrastructure, there is a massive resource for Central Government, State Government and even Local Government to the extent that we have this huge facility and it is NIC which is an in-house resource, so we don't have unnecessary apprehension.

Ajay Sawhney
Secretary, MeitY



NIC, the flag bearer of IT services and infrastructure in the Government sector has been in the forefront of the e-Governance initiatives across Centre and State Governance. There is a huge potential and lots of good work is being done by our District Officers.

Neeta Verma
Director General, NIC



Release of S3WaaS (above) and DIOs being felicitated (below) for their exemplary achievements





Shri D.C. Misra, DDG



Shri G.K. Gaur, DDG



Smt. Rama Nangpal, DDG



Smt. Nandita Chaudhary, DDG

achievements. Success stories from the States of Arunachal, Himachal, Kerala, Punjab, Rajasthan, Madhya Pradesh, Tamil Nadu, West Bengal etc. were showcased.

VidyaKosh', a Learning Management System (LMS) for NIC officials and a 'Handbook of Core NIC Services' which provides an overview of all the core services of NIC were launched by Smt.

Neeta Verma, DG, NIC during the occasion. LMS helps officers to make use of the latest digital Technologies in their day-to-day activities and upgrading their skills to provide better services to the citizens.

The meet was concluded by a visit of participants to the National Data Centre, Shastri Park, New Delhi. During the visit, DIOs attended the sessions conducted by

various project heads of NIC on ICT Infrastructure. Presentations were also made by concerned senior officers on NICNET, the largest network across the nation, National Knowledge Network (NKN), the largest research & education network globally, NIC-CERT and the NIC Data Centres.

By **V.K. TYAGI, NIC HQ**



Glimpse of the technical seminars and presentations held during the 3 days of VIVID'18

Deliberation on AI in Governance

Hon'ble Union Minister, Shri Ravi Shankar Prasad reviews the role and applications of Artificial Intelligence in e-Governance projects



Hon'ble Union Minister, E&IT and Law & Justice, Shri Ravi Shankar Prasad addressing the participants

Artificial Intelligence (AI) is poised to revolutionize the functioning of governments. Globally, its applications are growing based on its demand and potential to improve efficiency and quality of public services. These largely depend on how best the choices are made on how and where it can be applied.

To improve public governance, several deliberations have been already taken place in Indian government and at various levels. One among these was the recent workshop on AI, held under the chairmanship of Shri Ravi Shankar Prasad, Hon'ble Union Minister, E&IT. Organized on January 18th, 2018 with the participation of senior officials from

government and experts from academia and industry, the workshop deliberated on the views, thoughts and ideas to create an ecosystem and policy framework.

Shri Ajay Sawhney, Secretary, Ministry of Electronics & Information Technology, Smt. Neeta Verma, Director General, NIC, Shri D.C. Misra, DDG, NIC, Shri Gopala Krishnan S, Joint Secretary, MeitY, Prof. Narendra Ahuja, Director ITRA, Shri R. Chandrashekhar, President NASSCOM, Smt. Debjani Ghosh, NASSCOM and various other esteemed dignitaries attended the workshop.

Shri Ravi Shankar Prasad, in his inaugural speech suggested to address all the connected issues such as use of Open

Source for AI, Data Availability, Data Security etc. He encouraged the participants to create an ecosystem in the country for emerging technologies and to have AI for Digital Inclusion. He appealed to the representatives of Institutions and Industries to work in their own way for the growth of India.

Shri Ajay Sawhney highlighted the importance of AI in economic growth of the country and to solve Indian societal problems. He also pointed out that there is a need for a national framework for AI research and development with the participation of industry, academia and government.

Smt. Neeta Verma, presented various initiatives taken by NIC for the development of AI based applications such as Swachh Bharat Mission, AI enabled Chatbot for NIC Service Desk etc.

Experts from leading academia, IITs, NIT, CDAC, NIC, IDRBT and ITRA presented their work, capabilities and applications on AI/ Machine Learning. They also highlighted various issues towards creating an ecosystem for Artificial Intelligence in India. Representatives from Google, IBM, NVIDIA, Microsoft and WIPRO made presentations and took part in the discussions.

By **JOHN PHILIP, NIC HQ**



Shri Ravi Shankar Prasad interacting with a participant through Video Conferencing

International Co-operation: India's ICT Team Visits Sri Lanka

Launch of NKN Peering with LEARN Sri Lanka held and e-Office Platform for Sri Lankan Government Inaugurated

Hon'ble Prime Minister of India, Shri Narendra Modi at 18th SAARC, has envisioned making the region more connected and prosperous. His vision for the region rests on the primary pillars of trade, investment, assistance, cooperation, people-to-people contacts and seamless connectivity.



Hon'ble Minister of Law & Justice and E&IT, Government of India (GoI), Shri Ravi Shankar Prasad reiterated India's commitment to share the fruits of the ambitious Digital India programme with Government of Sri Lanka during his visit to Sri Lanka. To take it forward, Hon'ble Minister along with Shri Harin Fernando, Hon'ble Minister of Telecommunication and Digital Infrastructure (MTDI), Government of Sri Lanka, on 15th Jan, 2018, inaugurated the 1Gbps connectivity between National Knowledge Network of

India and Lanka Education and Research Network of Sri Lanka and launched the e-Office Platform, by digitally signing an electronic file. Accordingly, an MoU for cooperation in IT & Electronics was signed between Hon'ble Minister, Shri Ravi Shankar Prasad & Hon'ble Minister, Shri Harin Fernando. The scope of MoU inter alia includes e-Governance, m-Governance, e-Public Services Delivery including e-Learning, Tele-Medicine, Cyber Security etc.

Hon'ble Minister, Shri Ravi Shankar Prasad highly appreciated the work of NIC team and MeitY officials.

NATIONAL KNOWLEDGE NETWORK (NKN) & LANKA EDUCATION AND RESEARCH NETWORK (LEARN)

National Knowledge Network, a multi-gigabit pan-India network is the backbone of India's Digital India initia-



Hon'ble Minister, Shri Ravi Shankar Prasad and Hon'ble Minister, Shri Harin Fernando sharing the DAIS on the occasion of India-Sri Lanka: International Co-operation



Hon'ble Minister of E&IT, Shri Ravi Shankar Prasad in discussion along with Hon'ble Minister TDI of Sri Lanka, Shri Harin Fernando

tive. It is the largest network of its kind globally as it carries education, internet and e-Governance traffic. In addition to over 1,658 institutes connected as of today, NKN also carries traffic for all our Government that includes States Data centres, Ministries, State Wide Area Networks etc.

National knowledge Network has connected with all major research and education networks globally and today Indian institutes have high speed access to GEANT connected institutes in Europe, Internet2 in USA, Asi@Connect in Asia Pacific and its peering with SingaRen in Singapore with CERN at

Geneva and NorduNet - the National Research and Education Networks in the Nordic countries.

Lanka Education and Research Network (LEARN), formerly the Lanka Experimental Academic and Research Network, is a specialised Internet Service Provider dedicated to support the continuous need of Research and Educational Communities within Sri Lanka. LEARN currently connects all of the UGC funded Sri Lankan National Universities, a number of public universities, higher education institutes under other ministries, the University Grants Commission, the Ministry of Higher Education, and six

National Research Institutions.

COLLABORATION BETWEEN NKN AND LEARN

- Extension of NKN to LEARN will act as a catalyst for knowledge transfer from some of the premier leading mission oriented agencies of India in the fields of education, health and research.
- This would enable secure and reliable connectivity between educational institutions of India and Sri Lanka under an ultra high bandwidth network.
- Several universities in India and Sri Lanka were linked through a Digital Video Conference during the launch.
- Also, Sri Lankan universities would now be able to connect with Educational Institutions in Europe through this network.
- Top educational institutions in India & Sri Lanka are now connected through NKN such as IIT, Delhi, IISC, Bengaluru, JIPMER, Puducherry, MSU & MKU from India, Open Universities, Universities of Jayawardenapura, Ruhuna, Jaffna, Moratawa, Rajarata and Eastern University from Sri Lanka.

e-OFFICE PRODUCT

e-Office, developed by National Informatics Centre (NIC), Ministry of Electronics & Information Technology (MeitY), GoI aims to usher in more efficient, effective and transparent inter-government and intra-government transactions and processes. It is built as a single reusable system, by bringing together independent functions and systems under a single framework.

The product is based on an Open Architecture Framework that allows flexibility for scaling and responding to the dynamic needs of the Government. The workflow and rule-based file routing, role-based access mechanism, central repository of documents, electronic file movement and online forms facilitates a near paperless office. The product promotes:

- **Transparency:** Files can be tracked and their status is known to all at all times
- **Accountability:** The responsibility of quality and speed of decision making is easier to monitor
- **Innovation** by releasing staff energy



Shri Ravi Shankar Prasad & Shri Harin Fernando signed MoU for enhancing cooperation between India & Sri Lanka in IT Sector, Cyber Security and e-Governance



Demonstration of eOffice in progress

and time from unproductive procedures

- **Transformation** of the government work culture and ethics
- **Collaboration** in the work place and effective knowledge management

As on date, e-Office has been implemented across 272 organizations of Government of India. About 150 Central Government Ministries/ Departments of Government of India (GoI), Central Government Attached/ Subordinate offices, Apex/ Autonomous/ Statutory Bodies, Public Sector Undertakings

(PSUs) and 122 State Governments Secretariats, District Administrations and State Government's other departments, Public Sector Undertakings (PSUs) etc. are on e-Office Platform.

LAUNCH OF E-OFFICE FOR MTDI, GOVERNMENT OF SRI LANKA

- Demo/ Presentation programme on e-Office Product suite (e-Office Portal, e-File, KMS) was organized for senior administrative officials of MTDI.
- Extensive discussions and guidance

related to preparation of organization & employee data, file heads etc. were shared with the MTDI officials in accordance with their day-to-day working.

- e-Office Product suite was setup for MTDI and the folder structure was finalized and created in KMS.
- Training sessions on e-Office Product suite were organized for MTDI officials and the experience gained from different e-Office implementations were also shared with them.
- A brief demonstration on Personnel Information Management System (PIMS) application was also organized for MTDI Administrative staff.
- A meeting with Sri Lankan based CA representatives was also organized and the digital signing in e-Office was tested with the test DSCs.

• A trial run before the launch was conducted with valid DSCs issued to the Secretary and Hon'ble Minister, MTDI, Government of Sri Lanka.

• Hon'ble Minister, TDI, Government of Sri Lanka, Shri Harin Fernando launched e-Office by digitally signing e-File in the presence of Shri Ravi Shankar Prasad, Hon'ble Minister of E&IT, GoI and Smt. Neeta Verma, DG, NIC.

By **RACHNA SRIVASTAVA & SEEMA KHANNA**
NIC HQ



Indian delegates and Officers of Sri Lanka with Shri Harin Fernando, Hon'ble Minister of Telecommunication and Digital Infrastructure

DigitalNIC Launched, Enabling Single Window Experience to NIC Employees

DigitalNIC has been conceived & developed by Office Automation Division(OAD) with a vision to provide a single window solution to NIC administration and employees for all kind of administrative, technical & financial activities. It provides dashboard at functional levels like DG, HoG, SIO, HoD and at Individual levels i.e. for Individual Employees.

Some of the key features of DigitalNIC dashboard are Employee Profile, Entitlements, Payments, Income Tax Calculation Sheet, GPF Statement, Form 16, Digital and Physical Assets, Knowledge

head-wise breakup of allocation and expenditure, availabilities of budget at any point of time. List of employees on tour or leave, attendance reports, application details which are pending for approval i.e. e-Tour, PAC, APAR etc. other modules like MPR, Offline Exam (GudApps) and various types of other reports.



Employees View

Various employee centric services are provided to individuals. Employees can view their Profile, Service Book, Entitlements, Tours, Leave Balance, Payments, Payslip, Form 16, GPF Statement, IT Statement, Digital and Physical Assets, Appraisal, Attendance, Immovable Property Return, Projects, Team, Directory Search etc. Some online services are also provided to employees such as Online APAR, WCAR, PAC, e-Tour, NOC, News Paper, Tuition Fee, Online Exam (GudApps), and Monthly Performance Report, Feedback etc.



DG addressing the NIC Officers across the nation after inaugurating the DigitalNIC Platform



Shri Ajay Rampal, Sr. Technical Director explaining the features of DigitalNIC

Cafe, Leave Balance, Projects, Budget Monitoring, NIC Manpower, Online Services i.e. APAR, WCAR, e-Tour, NOC, PAC, Tuition Fee and News Paper reimbursement.

DG View

It contains upper level view of various modules. Some of the features are Technical and Administrative manpower strength and its distribution in states and hqrs, Budget Monitoring DDO wise budget allocation and its expenditure,

SIO/ HoG View

State Informatics Officer (SIO) and Head of Group (HoG) can view the details with respect to their State or Group. They can view the technical and administrative manpower distribution within their state or group, total number of districts or division and employees working in those districts or divisions, they can monitor the attendance of their team, employees on tour or leave. Status of appraisal reports and applications pending for approval and other reports.

Knowledge Cafe

It's a kind of platform where knowledge is being shared among peers. Any NICian can register for delivering talk on subject/ topic of his/ her interest and can deliver talk during extended lunch hours i.e. 1.30 PM-2.00 PM. Till now, more than 240 talks have been delivered using Webinar and each session attended by on average 350+ employees.

By **AJAY RAMPAL**
HoG (OAD)

LOHIT District, Arunachal Pradesh

Successful harness of ICT and keeping ahead in e-Governance

The IT revolution in Lohit started with NIC, Tezu as one of the main wings of District Administration. Today it has become invaluable for District Administration to execute the various e-Governance and ICT activities in line with the Digital India Program of Government of India.



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Lohit is one of the oldest districts of Arunachal Pradesh. Its name has been derived from one of its principal rivers, the 'Lohit' which rises from the eastern Tibet and enters India in Kibithoo area of the District (then under Lohit, but now under Anjaw District). In the ancient Indian literature, the river was called 'Lauhitya', a name that is associated with the legends of Parshuram which is referred in Srimad Bhagavat Geeta, Kalikapurana and in the Mahabharata.

The Lohit District is situated on the north eastern extremity of Arunachal Pradesh. It lies between the latitudes 27 degree 33'N and 29 degrees 22'N and the longitudes 95 degree 15'E and 97 degrees 24'E. It has a total area of 2,402 sq. km.

The ancient inhabitant of this land are of Mishmi tribe. The Mishmi tribes have traditions and customs dating back to the times of Mahabharata. According to Hindu traditions, Lord Krishna's first queen Rukmini was a Mishmi.

NIC DISTRICT CENTRE, LOHIT

NIC District Centre was established in the office of Deputy Commissioner in 1988. Since then, the IT revolution in Lohit started with NIC, Tezu as one of the main wings of District Administration and the lighthouse for IT support and services to various Government and semi-Government departments.

JAN-SUVIDHA CENTRE

The first of its kind in Arunachal Pradesh was initiated and implemented in DC's office, Tezu in March, 2007. Jan-Suvidha, the Computerized Facilitation Centre (Single Window System) was established to meet the objectives like



“

National Informatics Centre has been playing a vital role in developing and spreading the digital ecosystem of India through its Information and Technology media which is the pillar of Digital India.

My best wishes are with the team of NIC, Lohit for all their success and achievements.

DANISH ASHRAF, IAS
Deputy Commissioner
Lohit, Arunachal Pradesh

”

speed, efficiency, consistency, reliability and to substantially improve the citizen interface. Subsequently, the project has been replicated in almost all the districts of the State.

It is serving the purpose of the common people as well as the whole public in general, in giving various kind of certifi-



Visit of His Excellency, the Governor of State, Shri S.K. Singh (file Photo)



View of Parshuram Kund

cates being issued by the District Administration. Two former Governors of Arunachal Pradesh, Shri S.K. Singh, on 15th July, 2007, and Gen (Retd.) J.J. Singh, on 11th November, 2008, visited Jan-Suvidha Centre, Tezu.

VIDEO CONFERENCING (VC)

NIC Tezu was the first to install Video Conferencing facility in the districts of the State, in 2013. The facility is being used for high profile and sensitive VCs as well as other regular VCs.

OTHER ICT INITIATIVES AND SUCCESSFULLY RUNNING PROJECTS

RTO PROJECT

The **SARATHI** software meant for issuing of Learner License, Driving License, Conductor License and Driving School License. It was implemented in 2006 in the District and is running smoothly with the constant technical support of NIC District Centre, Tezu. **VAHAN** software, meant for issuing Vehicle Registration Certificates has also been installed and implemented in DTO's Office in December, 2009. Using **SARATHI**, 12,530 licenses have been issued since 2006. Whereas, 3,020 vehicles have been registered using the **VAHAN** Application since 2009.

ZONAL GENERAL HOSPITAL OPD REGISTRATION PROJECT

The OPD Registration and Accounting System is a client-server based Application for outdoor patient registration which automatically generates unique OPD registration number and also keep track all the accounts of registration and various laboratory tests. It has three modules:

- Module for Registration
- Module for Fee
- Module for Administrator

Total number of outdoor patients registrations till date is 5,189.

TREASURYNET PROJECT

TreasuryNet is a web-based system which caters to the accounting system and covers the pre-payment and post-processes carried out in the treasuries. The project was implemented as a pilot in the Treasury Office, Tezu.

E-GRANTHALAYA

The NIC, Lohit District centre has implemented this library automation software from NIC at District Library, Tezu and the Library of Indira Gandhi Government College, Tezu.

ARUNACHAL PRADESH PAYROLL SOFTWARE

Generic software for computerizing the process of preparing pay bill/ payroll has been fully implemented in the District. The payroll of the DC office, Tezu covering 360 employees, is being prepared every month using this Application.

Counter No: RC1
Operator: James Lee
Thursday, March 01, 2018 1:45:21 A

Registration Counter

Name of the Patient: Kareena Kapoor
Sex: Female
Age: 29
Address: Tezu
OPD: Obs & Gynae

Fee exempted
Check to edit registered patient details

Enter Reg. No. [] Submit

Main Report

ZONAL GENERAL HOSPITAL
LOHIT DISTRICT, TEZU (A.P.)

Reg. No: 2018/1/1
Name of the Patient: Kareena Kapoor
Age: 29(Y/M)
Sex: Female
OPD: Obs & Gynae
Address: Tezu
Operator: James Lee

Date: 01/03/2018 1:45:17 AM

Diagnosis

Zonal General Hospital OPD Registration



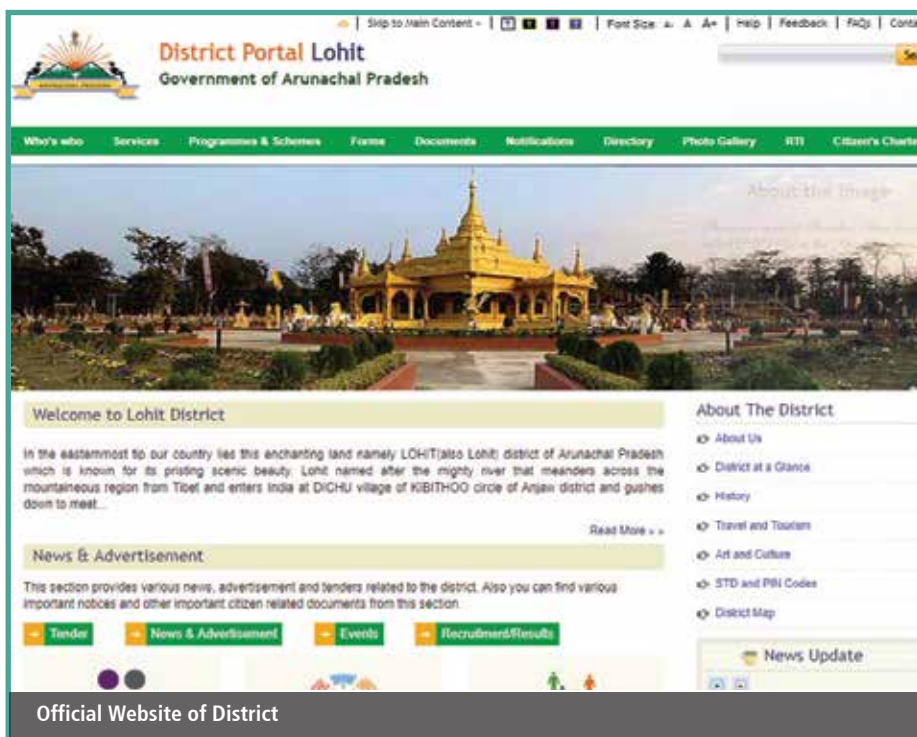
A Kiosk system – 'Lohit Information on Fingertip' was inaugurated by the Hon'ble Deputy Chief Minister, Shri Chowna Mein, in NIC Tezu, DC Office Complex, in presence of DC Lohit, Shri Danis Ashraf (IAS)

CRIME AND CRIMINAL TRACKING NETWORK & SYSTEM (CCTNS) PROJECT

The sites of 4 Police Stations are ready now for the final implementation and operation.

E-MAMTA (MOTHER & CHILD TRACKING SYSTEM) PROJECT/ RCH

Co-ordinating and providing supports to the Project-In-Charge of concerned District Hospital, Tezu.



Official Website of District

SOCIO ECONOMIC & CASTE CENSUS (SECC) PROJECT

The Ministry of Rural Development has started the BPL Census to be conducted in association with the Office of Registrar General of India (ORGI) by clubbing it with the caste. As per the NIC District Centre's role and responsibility of the instruction set, technical support has been extended with successful completion of the project in Lohit.

OFFICIAL WEBSITE OF DISTRICT

Upgradation and customization of Lohit official website (<http://lohit.nic.in>) of District Administration was carried out by adopting Standardised District Portal.

NDAL ARMS LICENSE INFORMATION SYSTEM (ALIS)

The ALIS Software has been successfully implemented with all the services like New License, Renewal of License, Weapon Entry, Addition of Weapon, Deletion of Weapon, Change of Address, and Retainer's Entry. Using this Application 850 arm licenses have been migrated.

ELECTION

Randomization of polling officials, randomization of the EVM machines, webcasting and monitoring of Genesys software, results etc. for various elections of Vidhan Sabha, Lok Sabha, Panchayat, Zila Parishad etc. were carried out with the assistance of NIC.

DISTRICT SESSION COURT

NIC Tezu is providing ICT related support to District Session Court. time-to-time. NIC is also providing Video Conference facility for trials between Itanagar Central Jail and District Session Judge, Eastern Section, Tezu.

LAN (LOCAL AREA NETWORK)

From NIC Tezu server, LAN with internet connectivity has been extended to various departments like Election Office, all Branches of DC Office, Finance & Accounts Office, DFO Office and Office of the Superintendent of Police.

DIGITAL LOHIT WEEKS

With a mission to transform Lohit into a Digitally Literate District, "Digital Lohit



Former Governor, General (Retd.) J. J. Singh with recipients of State Award



Shri Danish Ashraf (IAS) presenting Course Completion Certificates to trainees on the valedictory function of Digital Lohit Weeks

Weeks” was inaugurated in the DC’s conference hall, Tezu, on 17th August, 2016 by the local MLA Dr. Mohesh Chai. During the three weeks of Digital Lohit Weeks program, apart from awareness on Digital India mission, training was also imparted on basic ICT Applications to 35 teachers for carrying out office tasks. Teachers were from the Govt. Upper Primary Schools to Higher Secondary

Schools of Lohit, and training on Arunachal Pradesh Payroll Software to 36 Account staffs of all the DDOs of Lohit District, Tezu.

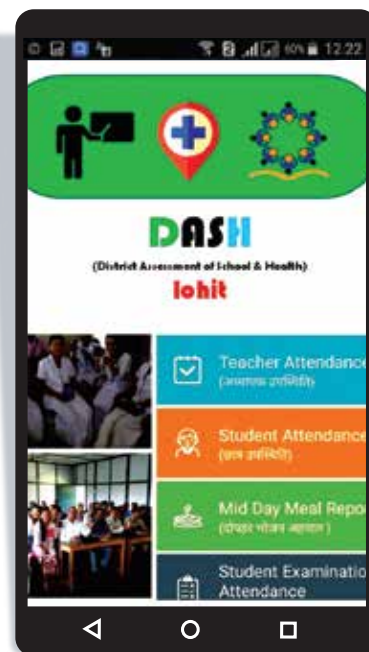
ICT INITIATIVES IN THE PIPELINE

DISTRICT ASSESSMENTS OF SCHOOL & HEALTH (DASH), LOHIT

Dash is Lohit District’s Assessment App for Schools and Healthcare system on Mobile platform for day-to-day monitoring and information management. The system utilizes the cellular network to link these remote schools and healthcare centres in the District. It comprises of individual Apps for Schools and Health Care Centres. A central server integrates the real-time data received from the field. The software is being developed by NIC Tezu, with the support of DA and Management Consultant. Now, the project is in trial phase.

SERVICE PLUS PACKAGE

ServicePlus framework has been adopted by State Government to deliver various e-Services to Citizens in the District. Preparation is under way for its implementation in Lohit.



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VISAKHAPATNAM, Andhra Pradesh

e-Governance Initiatives in City of Destiny towards Digital District & Digital India

NIC District Centre, Visakhapatnam, since its inception has been instrumental in developing and successfully implementing various ICT based initiatives in the District besides its role in spreading the ICT culture among the Government Departments. The success stories are many and the efforts are unceasing.



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Visakhapatnam, the coastal port city, also known as 'Jewel of the East Coast' is situated in the State of Andhra Pradesh. Located at the eastern shore of India, nestled among the hills of the Eastern Ghats and facing the Bay of Bengal to the East, the district is also the home of Indian Navy's Eastern Naval Command. Visakhapatnam is the largest city of Andhra Pradesh with an area of 550 sq. km and is primarily an industrial city.

According to the history, the city was named after the God of Valor-Vishakha. It was a part of the Kalinga Kingdom, under Ashoka's rule in 260 B.C. and was later ruled by Andhra Kings of Vengi. After this, Pallava, Chola and Ganga dynasties ruled the city. In the 15th century, Visakhapatnam became a part of the Vijayanagar Empire.

Visakhapatnam is popular as one of the best tourism destinations in Andhra Pradesh. From lakes to cool beaches, from beautiful hill ranges to caves & valleys, Visakhapatnam has them all. The district has many tourism spots that represent the culture and heritage of true India. The famous temple Simhachalam Lord Narasimha Swamy is situated in the district.

INTRODUCTION

NICNET AND VIDEO CONFERENCE SERVICES

NIC District centre was established in 1988. Since then, it had been extending the ICT services and also promoting informatics culture in the District Administration and various Central, State and District Government Offices. Presently, to foster the Digital India momentum in



“The District Centre of NIC has always played a pivotal role in channelizing the powers of e-Governance to the public in this district. Such initiatives not only streamline the processes but also bring efficiency and transparency in Government functioning.

It is pertinent to be mentioned here that when the entire district remained cut off from the rest of the world for a week during the HUDHUD Cyclone, the only means of communication available for conducting the VC and using the Internet was possible through NIC link.

The Visakhapatnam district portal is playing a gateway role for all the e-Governance initiatives.

NIC District Centre plays a major role in training and capacity building among the department officials in all the areas including e-Office and AEBAS.

PRAVIN KUMAR, IAS
Collector & District Magistrate
Visakhapatnam

”



the District, NIC primarily involves in the activities of Digital India Program, G2C, G2E, G2G services through District website, ICT culture and implementing innovative ICT concepts in the District.

Visakhapatnam district has created a new digital pattern by implementing innovative concept of designing and implementing the Land Regularization Module, RIG (A RIG is the equipment used to drill a borewell) registration, software for SIT

(Special Investigation Team), uploading of content like GOs, Deepam, CSR gas connections etc. to make District website more dynamic.

VISAKHAPATNAM DISTRICT WEBSITE (<http://visakhapatnam.nic.in>)

With the need to update the content regularly, a dynamic website was developed for the district administration to update IT related content.

LAND REGULARISATION AND LAND GRIEVANCE MONITORING SYSTEM

It is an online facility provided to the citizens to regularize the encroached land sites as per government order. Grievance monitoring system is to track the complaints by citizens on the authorities during the process of receiving applications.

DEEPAM, CSR GAS CONNECTIONS AND RAGAM

An online system to register the beneficiary details from Meeseva centers to distribute the gas connections to BPL families in the district on subsidy. For transparency, a parallel application RAGAM was developed to register the grievance from the public for civil supplies Department.

GREATER VISAKHAPATNAM MUNICIPAL CORPORATION HOUSING FOR ALL BPL FAMILIES

A project to provide the government housing scheme to all BPL families and white ration card holders. The data of ration card holders was collected from NIC State HQ and the beneficiary details were filtered, thus not allowing them to apply for the scheme through Meeseva centres. The entire process has been automated.

Status:

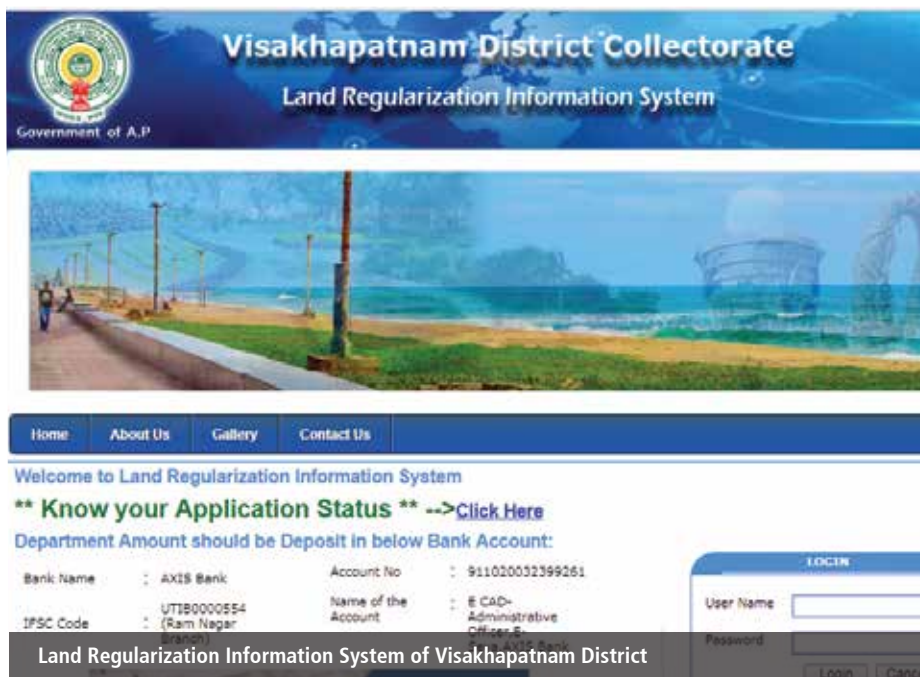
Total applications received: 2.25 Lakhs
Processed: 75,000
Pattas distributed: 35,000
Balance to be distributed: 40,000

REGISTRATION OF NEW MEESEVA CENTRES

An application initiated as a part of e-Gov. program to allocate the CSC (Common Service Centers) to general public. This application allows people to apply through Meeseva and allotment of the centres are done by the District Administration in a transparent manner.

Status:

Total: 1,200
Processed: 396
Selected: 75





DIO & ADIO welcoming the Hon'ble Minister E&IT and Law & Justice, Shri Ravi Shankar Prasad on his visit to Visakhapatnam

COURT CASES MANAGEMENT SYSTEM

A system to maintain the details of pending cases against the District Administration in various level Courts which will allow the officials to make timely attendance to eliminate the charges.

Status of Pending Cases:

Hon'ble Supreme Court	- 4
Hon'ble High Court	- 963
District Court	- 303
Appellate Authority	- 25

VILLAGE WISE FMB/ SFA

To display the Field Measurement Book (Land Map) and Settlement Fair Adangal

of the land. These are main revenue records to the public. This Application is used to download FMB/ SFA scanned copies of Respective Mandal and Villages.

ONE TIME LAND CONVERSION

An Application to allow the land owners to convert their Agriculture (Jirayathi) land to Private land for the purpose of selling them as plots.

Status: Total 1,584 under process.

RIG REGISTRATION SYSTEM

A Workflow-based Application for Department of Ground Water and Water Audit. This App is used to register the

RIGs by vendors to drill the borewells in their jurisdiction. This helps the Department to curb the illegal and indiscriminate drilling of borewells.

REVENUE EMPLOYEE'S INFORMATION

As District Administration desires to maintain the total service register of the employees, the software is designed, developed and implemented in Collector's office.

MEEKOSAM TOKENS

Govt. of AP introduced a unique grievance program on every Monday in collectorate. All the District Officials need to be available for the public to receive their grievances. To avoid the crowd during Grievance time in District Collectorate, it is helpful in sending one by one by giving a token number to the applicant to meet the District Collector to express their Grievance.

MEETINGS DISPLAY

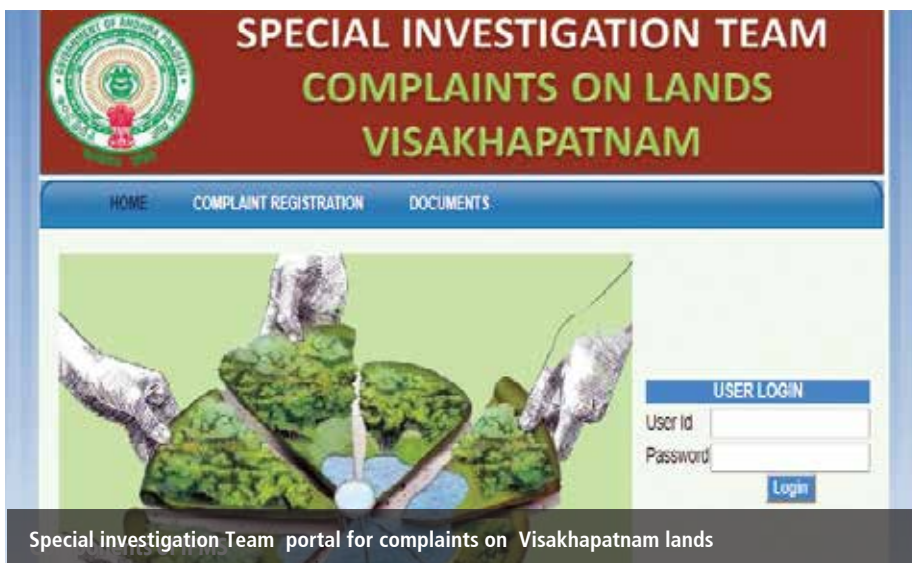
As daily number of meetings being held in collectorate meeting hall, to avoid the confusion, District Collector requested to develop and display meetings on real time basis. NIC developed and implemented an application to display meetings at the entrance of the meeting hall and schedule of the meetings.

GOVERNMENT LAND INFORMATION SYSTEM

It is a huge task for District Administration to protect the Govt. lands. The Joint Collector requested to develop a software tool to store information in various formats for monitoring the Government Lands. NIC developed and implemented software Application for it.

SIT LAND COMPLAINT REGISTRATION SYSTEM

Government of AP ordered to setup a Special Investigation Team (SIT) for various land grabbing, encroachments and tampering of records in district of Visakhapatnam on receiving various complaints from the public. NIC has developed software to register petitions online/ offline by the public which is received by various department officials, then SIT team works for verification & investigation in a transparent manner.



KGH OP/ IP REGISTRATION SYSTEM

A software module has been developed for King George Hospital (KGH) Administration to issue the OP and IP Tickets as per the guidelines given by the Director of Medical Education and Ministry of Health.

OTHER ACTIVITIES IN THE DISTRICT

GENERAL ELECTIONS 2014

For the smooth conduct of General Elections to both Parliament and Assembly, NIC District Centre has developed randomization software for Polling personnel, Micro-observers and EMVS, Pos Dairy for election observers. Technical support was given to prepare the electoral rolls and filing of nominations. Webcast facility with live streaming was provided for the entire poll process. Technical support was given for counting votes and results declaration.

HUDHUD CYCLONE RELIEF OPERATIONS

HUDHUD cyclone occurred in the month of October, 2014 has resulted in heavy

damages and losses in Visakhapatnam. The entire communication network was destroyed including that of Collector Office. A Camp Office was set up and the entire district's power and communications was restored within 10 days. For the smooth function of the activities, NIC network was restored on the next day of the disaster and Internet & VC facility were provided. Call Centre was established on war footing.

SOCIAL MEDIA PAGES OF VARIOUS EVENTS

As per the District Collector's requirement to develop pages in Social Media to reach out to the people in the District, NIC has designed various Facebook pages for use by the district officers.

OTHER PROJECTS

ONLINE TRANSFERS OF REVENUE AND OTHER DEPARTMENTS

The Government of Andhra Pradesh allows transfer of employees of the various departments as per policies. An online system for the display of vacancies, request and allotment of the posting by the higher authorities was developed and deployed.

RECRUITMENT APPLICATIONS FOR MEDICAL DEPARTMENTS

Nursing Recruitment, Vaidya Mitras and Medical Counselors - These are the applications to collect the applicant details through citizen centres and process them for the recruitment.

NDAL:

National Database of Arms License has been implemented for generation of Unique Identification Number for the Arms License.

E-OFFICE

e-Office is a key initiative taken by the Government of Andhra Pradesh and a GO was issued to implement paperless offices in the District. Necessary training programmes were conducted for all the employees and the system has brought all the departments under e-Office platform.

AEBAS (AADHAAR ENABLED BIOMETRIC ATTENDANCE SYSTEM)

AEBAS is another key initiative taken by the Government of Andhra Pradesh to implement in all the departments of the District, Sub-District, Division and at the





Shri P.P. Chaudhary, Hon'ble MoS, C&IT visiting the NIC e- Governance Stall - 2017

grass root level. Almost all the departments in the District have onboarded to AEBAS.

APPOINTMENT OF DIOS AS SLMTS (STATE LEVEL MASTER TRAINERS) BY ELECTION COMMISSION OF INDIA

In order to train the Electoral Registration Officers (EROs), Assistant Electoral Registration Officers (AEROs), Election DTs and Booth Level Officers to map the polling stations boundaries using Google Maps, on ERONET (ERONET is for ERs

management) and on AMF (Assured Minimum Facilities) to provide the facilities like electricity, water, ramps etc. at all the polling stations.

NKN TO VARIOUS KNOWLEDGE BASED EDUCATIONAL INSTITUTIONS

Andhra Medical College, Andhra University, Petroleum University, Indian Institute of Management, INS Satavahana Wood Science Deptt. etc. are provided with 1GB bandwidth, 8Mbps lines and monitored for Immigration at airport,



Hon'ble Prime Minister's Camp Office at Naval Dock Yard, Visakhapatnam during IFR visit

CBI, pay and accounts at customs & central excise, DGFT, FCI, PQS, NAD, Defence Estate Office, CGHS, Income Tax and District Court.

CONFONET

The Case Monitoring System provides a single-window solution for automation of all the activities undertaken at the Consumer Forums. This is smoothly running in District.

EPDS

e-PDS software, Supply Chain Management including Cashless Transactions have been implemented by District Supply office with the help of NIC.

MPLADS SCHEME

Implemented in the District by the DRDA with the help of NIC.

E-COURTS PROJECT

Implemented with the support of NIC in the District Court and Sub-Courts.

NATIONAL ANIMAL DISEASE REPORTING SYSTEM (NADRS)

Implemented by the Animal Husbandry Department with the help of NIC District Centre.

INTERNATIONAL FLEET REVIEW (IFR)

This was a prestigious event conducted jointly by Defence Ministry, Govt. of India and GOAP to showcase the Navy capabilities of our country and also by other countries. NIC was given the responsibility for setting up of offices of President of India, Prime Minister and AP Governor during their stay for IFR. A sophisticated PM camp office was established with High Speed Internet, WI-FI Hotspot, Computer Equipment and Hotline connection to work 24x7, and also similar setup was established at the dais.

ICT SUPPORT AT VARIOUS SUMMITS/ CONFERENCES

CII, PARTNERSHIP SUMMIT has been conducted jointly by the GoAP and CII (Confederation of Indian Industry) for attracting the business community to establish the industry and startup companies in AP. The summit was attended by delegates from various countries. NIC has



A moment from the visit of Hon'ble President of India

successfully completed the task of establishing the State of the Art Media Centre, WIFI Hotspot and Internet connectivity for the entire area during the summit, and also played a significant role in issuing the color-coded passes to all the participating delegates of the event.

BRICS INTERNATIONAL CONFERENCE

BRICS is a prestigious conference organized by the GoAP to establish an open platform inviting the delegates from the countries namely, Brazil, Russia, India,

China and South Africa to share their views and Investment opportunities. A complete technical support was given by the NIC to establish the Media Centre with 100 Mbps internet connectivity and high speed systems.

ICT SUPPORT TO 20TH NATIONAL E-GOV CONFERENCE

About 1000 delegates from various States and the Central Government and top executives from IT companies have attended the 20th National Conference on e-Governance (NCEG) which was held

from January 9 to 10, 2017. The conference, with the theme 'Digital Transformation' had prime importance mainly after demonetization and Hon'ble Prime Minister, Shri Narendra Modi's thrust on creation of digitally empowered society. Chief Minister, Shri N. Chandrababu Naidu, Union IT Minister, Shri Ravi Shankar Prasad and a host of central and state ministers and senior bureaucrats have attended this event.

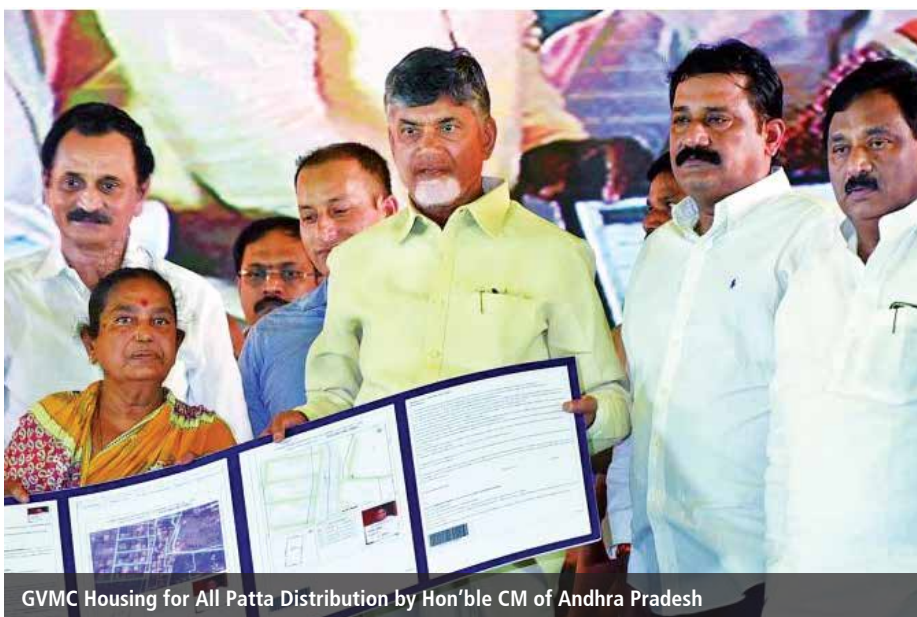
NCEG had discussed cyber security policy for future, technology-led monetary transactions leading to financial inclusion, digital economy through last mile connectivity. NIC Visakhapatnam extended information technology and connectivity support for the successful hosting of the summit which was highly appreciated by the authorities.

VISITS OF VVIPS

After bifurcation of the State of Andhra Pradesh, Visakhapatnam has become a major and prominent city in Andhra Pradesh for conducting major events, program workshops etc. and hence VVIPs are visiting the city often. NIC Visakhapatnam is continuously providing IT and infrastructure support during these visits of the Hon'ble President of India, Hon'ble Prime Minister, Hon'ble Chief Minister of Andhra Pradesh and other dignitaries.

SUMMARY

As an integral part of the digital journey towards the implementation of Digital District, NIC District centre is playing a vital role by providing technical support in its entirety and under the guidance of the State Informatics Officer. This becomes a valuable support for District Administration to successfully execute various e-Governance and ICT activities in line with the objectives of Digital India Program of Government of India.



GVMC Housing for All Patta Distribution by Hon'ble CM of Andhra Pradesh

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JEEVAN PRAMAAN Digital Life Certificate

Analytical Review Reveals High Implementation Success Rates and Achievements

Since its implementation in 2014, over 1.6 crore DLCs have been submitted by over 90 lakh pensioners. 3.01 lakh DLCs were submitted in a single day on 13th Nov, 2017. Peak utilization of the system was observed as 1,205 DLCs per minute on 9 Nov, 2017 at 11:36 AM. Jeevan Pramaan ecosystem has 56 sanctioning authorities and 47 disbursing agencies on board.

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Pensioners today can easily generate their life certificates digitally through Jeevan Pramaan portal. The portal was launched by Ministry of Electronics & Information Technology (MeitY), in the year 2014. Central Pension Accounting Office (CPAO), Department of Expenditure, Ministry of Finance issued Correction Slip-22 regarding acceptance of Jeevan Pramaan (Aadhaar enabled Biometric authentication based online submission of Life Certificate) as proof of life for pension processing.

JEEVAN PRAMAAN ECO SYSTEM

Jeevan Pramaan ecosystem comprises of four entities; Sanctioning Authorities, Disbursing Agencies, Jeevan Pramaan Centres and Pensioners. The process flow of Digital Life Certificate is depicted in Fig.1



“To get pension through Jeevan Pramaan has become easy and now pensioners can get their life certificates at their door-steps.”

Shri Ravi Shankar Prasad
Union Minister
Electronics & IT, Law & Justice

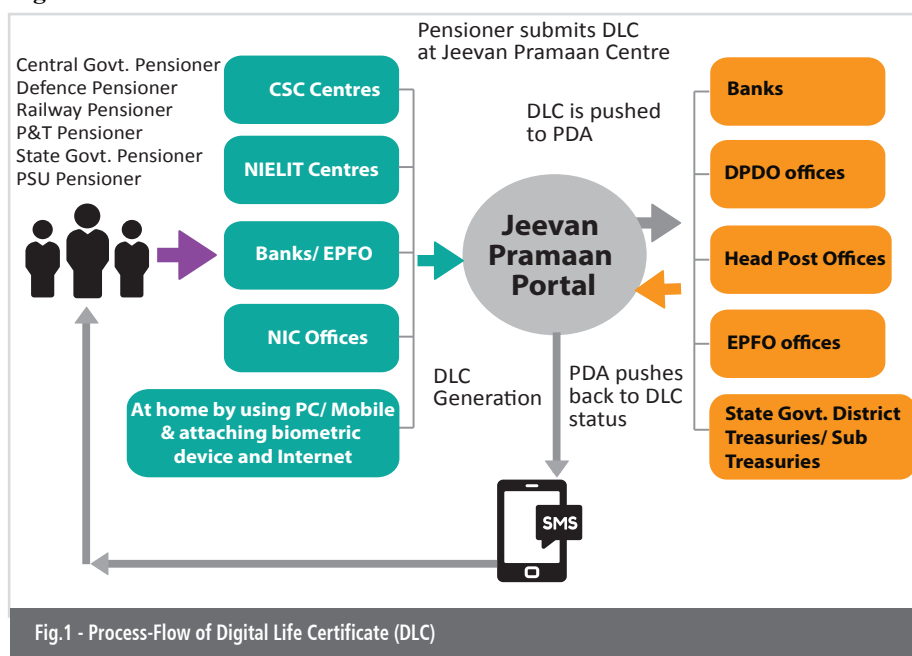


Fig.1 - Process-Flow of Digital Life Certificate (DLC)

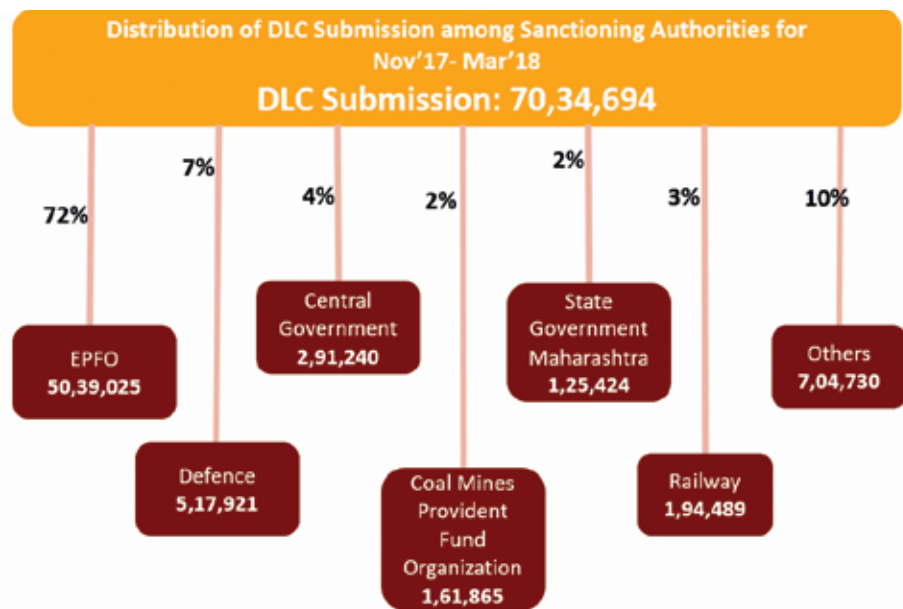


Fig. 2 - Major Sanctioning Authorities for DLC submission during Nov'17—Mar'18

- **Sanctioning Authority** issues PPO (Pension Payment Order) to pensioner at the time of retirement, and issues necessary orders for acceptance of Jeevan Pramaan to the Disbursing Agencies.

- **Pension Disbursing Agencies** are the consumers of DLCs generated at the Jeevan Pramaan portal. These are down-loaded/ accessed by the respective agencies for necessary processing and release of pension.

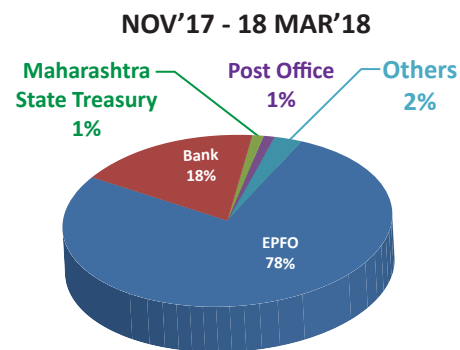


Fig 4 - Represents major Disbursing Agencies responsible for DLC processing for the period Nov'17 - Mar'18

- **Jeevan Pramaan Centres** are either self-created or created by organizations. These are centres where pensioners would visit for generation or submission of their DLCs. These centres include CSCs, Banks, Pension Societies, Post Offices, EPFO Offices etc.

- **Pensioner** is the real beneficiary of the Jeevan Pramaan System. 1.2 Crore DLCs have been successfully processed since the online portal got launched. 90.23 lakh unique pensioners have submitted their DLC and 74.42 lakh pensioners have successfully credited pension to their account till March, 2018.

Analysis of Pensioner Composition form Previous Cycles for Nov'17-Mar'18

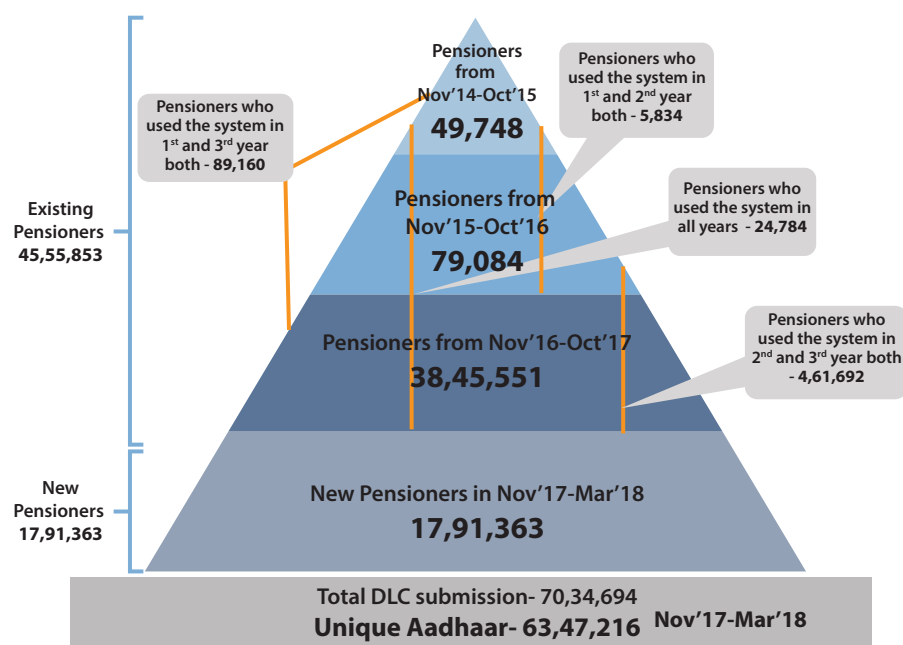


Fig. 3 - New and existing pensioners for the current cycle. Existing pensioners are ones who have used Jeevan Pramaan in previous years while new pensioners are ones who have used Jeevan Pramaan for the first time during Nov'17 - Mar'18

PEAK MONTH ANALYSIS FOR NOV'17-MARCH'18

November is the month when pensioners are generally expected to submit their DLC. The inflow of DLC during Nov'17 was analyzed to see the behavior of DLC submissions during this period.

48.97 lakh DLCs were generated in the month of Nov'17. Highest volume of DLCs in a day (3.01 lakh) were seen to be generated on 13th Nov,17 as in **Fig.6**.

After data analysis, it was found that highest DLC submission in an hour was done between 11:00-12:00 am on 9th Nov, 17. 61,263 pensioners had submitted DLC in during this period reflecting that system was utilized highest in this hour.

ANALYSIS OF DLC PRO- CESSED BY DISBURSING AGENCIES FOR NOV'17-MARCH'18

EPFO, Banks, State Treasuries, Post Offices are important disbursing agencies. These institutions receive heavy volume of DLCs every year.

DLC success rate is near 72% in most of the years, while it has jumped to 78% for the current cycle. All processing figures are based on date of acknowledgement received.

TYPES OF SANCTIONING AUTHORITIES ONBOARD FOR JEEVAN PRAMAAN

STATE & UTS

State Government

- Andhra Pradesh
- Arunachal Pradesh
- Chhattisgarh
- Goa
- Gujarat
- Haryana
- Himachal Pradesh
- Jammu & Kashmir
- Jharkhand
- Karnataka
- Kerala
- Madhya Pradesh
- Maharashtra
- Manipur
- Mizoram
- Odisha
- Puducherry
- Punjab
- Rajasthan
- Tamil Nadu
- Telangana
- Tripura
- Uttar Pradesh

Union Territory

- Andaman and Nicobar
- Daman Diu
- Lakshadweep

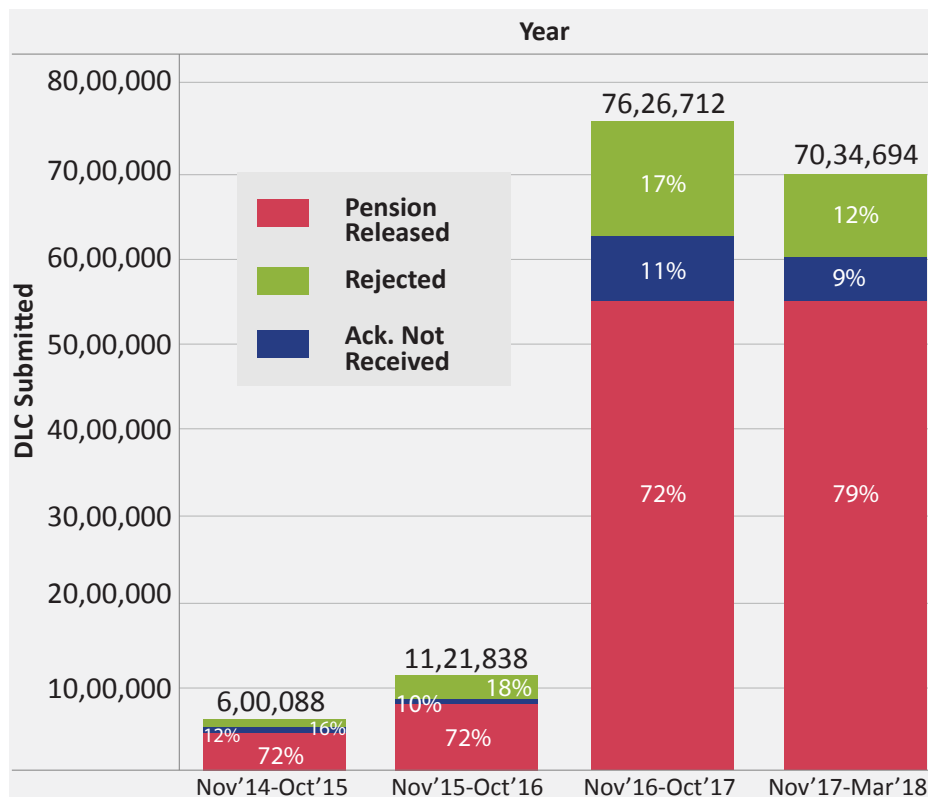


Fig. 5 - Summary of total DLC transaction since inception of Jeevan Pramaan

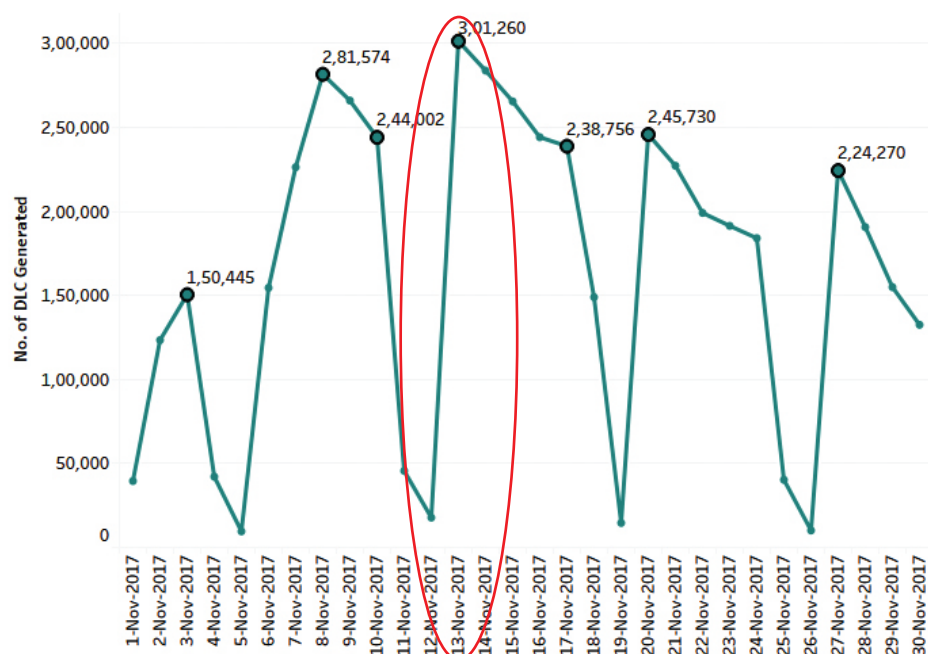


Fig. 6 - Highest volume of DLCs in a day (3.01 lakh) which were seen to be generated on 13th Nov'17

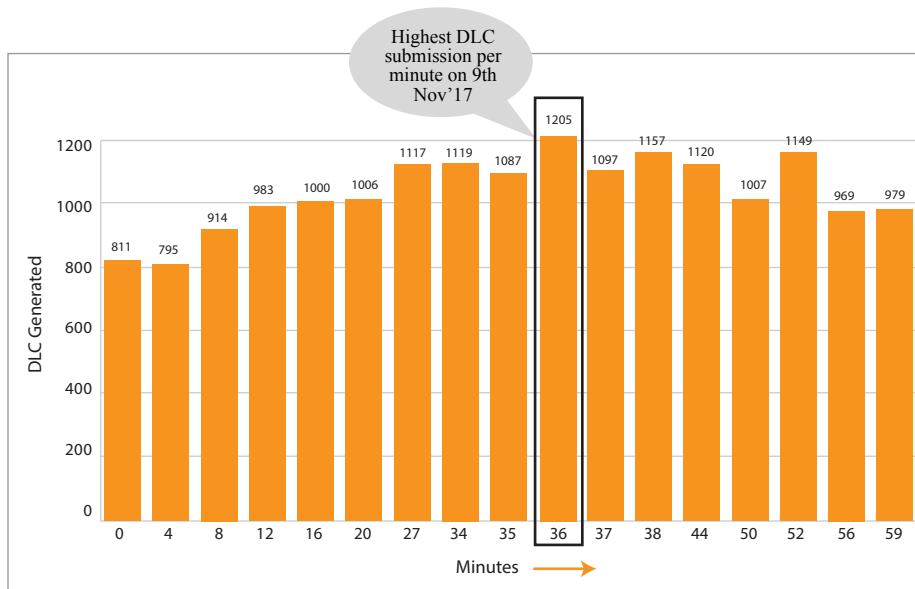
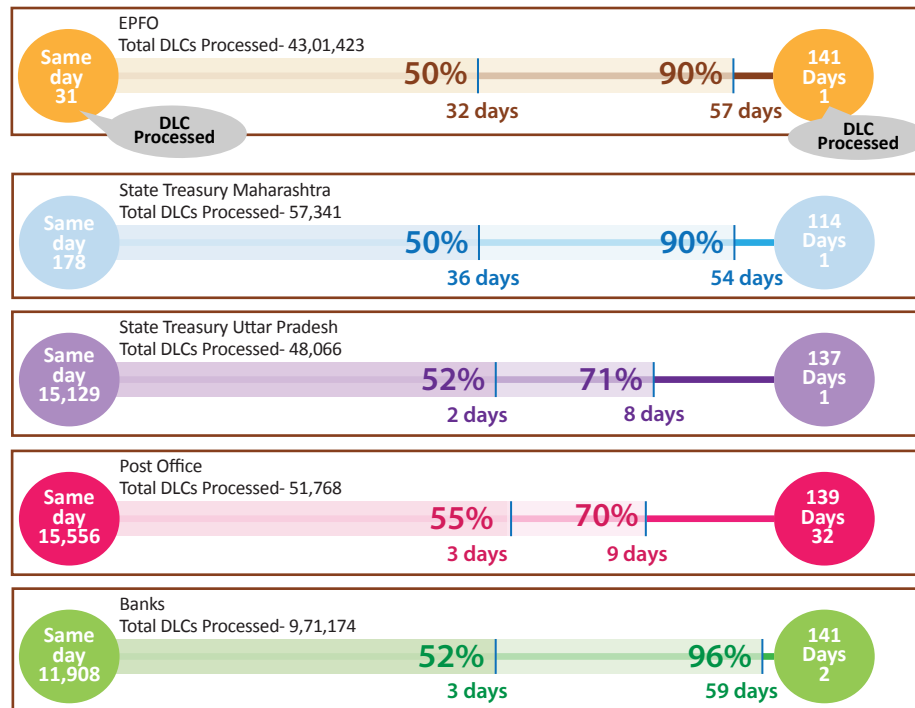


Fig. 7 - Peak submission per minute during the peak hour on 9th Nov'17. 1,205 DLCs per minute were submitted at 11:36 am

DLC Processed - Disbursing Agencies Nov'17 - Mar'18



Above DLC processed figures are based on date acknowledgement received

Fig. 8 - Performance of different Disbursing Agencies varies with one another and is correlated to the volume of DLCs received by them in a given period for processing. It is also found that all these agencies process most of the DLCs submitted to them

CENTRAL GOVERNMENT SANCTIONING AUTHORITY

- Central Government
- Railway
- Postal
- Telecom
- Ministry of Culture - Artistes Pension Scheme
- Defence - PCDA (P) Allahabad
- Defence - Jt.CDA (AF), Subroto Park, Delhi
- Defence - PCDA (Navy) Mumbai

PSU's & OTHER SANCTIONING AUTHORITIES

- Banking Staff
- Oil and Natural Gas Corporation Limited
- Life Insurance Corporation of India
- Coal Mines Provident Fund Organisation
- Paradip Port Trust
- Mumbai Port Trust
- Chennai Port Trust
- Cochin Port Trust
- IIT Madras
- NCERT New Delhi
- New Mangalore Port Trust
- Deendayal Port Trust (Kandla)
- Mahatma Gandhi University, Kerala
- Visakhapatnam Port Trust
- Sahitya Akademi
- V O Chidambaranar Port Trust
- Mormugao Port Trust
- Haldia Dock Complex
- Sree Chitra Tirunal Institute for Medical Sciences
- EPFO
- Municipal Corpn. of Greater Mumbai
- Ulhasnagar Municipal Corporation
- Port Blair Municipal Council
- New Delhi Municipal Council

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e-HRM System for Government by NIC

Enabling Management of Employee Resources and their Service Books Easy

This recently launched Application enables creation of e-Service book of employees from physical service book and automate the updation of e-Service book. This makes day-to-day processing of various records of employee possible, resulting in real time updation of servicebook and uniform implementation of the service record rules across the Government.

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MOHAN DAS VISWAM

Proper maintenance of the service records is crucial to employees as well as to organization as it contains vital information with regard to every aspect of service of an employee. In actual practice, it is observed that though entries are being made in the service book and verification is also done, but in many cases the record is not up-to-date, verification of service book by employee does not happen regularly and in case of transfer of employees, the servicebook get transferred after long time. This results in delay in sanctioning & payment of due benefits/ pension etc. In the event of death of the employee and/ or in the absence of proper nomination in many cases, the

final payment is unnecessarily delayed. Many cases of regularisation of leave etc. received by Department after many years of retirement of employee which often lead to litigation and payment of uncalled for interest on delayed payments. This may perhaps be happening as the employee himself doesn't have easy access to his service record even though it is envisaged in the rules.

Department of Personnel and Training (DoPT), in its large nodal role, acts as the formulator of policy and the monitor of the Government ensuring that certain accepted standards and norms, as laid down by it, are followed by all Ministries/ Departments, in the recruitment, regulation of service conditions, posting/ transfers, deputation of personnel as well as other related issues. Guidelines are issued by it for the benefit of all Ministries/



Personal Details Dashboard of the e-HRMS

Departments and it monitors the implementation of these guidelines. It also advises all organizations of the central Government on issues of Personnel Management.

DoPT has entrusted National Informatics Centre (NIC) to design, develop, roll-out and maintain e-HRMS for Government of India employees.

e-HRMS (Human Resource Management System) is a web-based solution for Government of India Employees. The aim of this project is to build an application that computerizes the existing service book for existing employees, creation of service book for new joinee and automate the updation of service book thereafter for day-to-day processing of various records of employee. This results in real time updation of service-book and uniform implementation of the service record rules across the Government. e-HRMS consists of creation of e-Service Book and development of workflow-based solutions for all processes/ information impacting service-book.

MODULES OF e-HRMS

e-Servicebook, Personal Information System, Integration with PFMS for salary, GPF, Retirement benefits, Loan/Advances, LTC, Tour, Leave, Integration with SPARROW for APAR/ AWR, Transfer and Postings, Promotions,

Vigilance and Penalty, Complainants/ Grievances, integration with CGHS for Medical Benefits and integration with Directorate of Estate for Government Accommodation.

TECHNOLOGY USED

e-HRMS is a single workflow-based solution for all Government employees of India. It will cater approximately 60 lakh employees across various offices of Government of India throughout the Country. Open source technology with front-end 'SPRING' and for Back-end

'Postgres' is used to minimize cost.

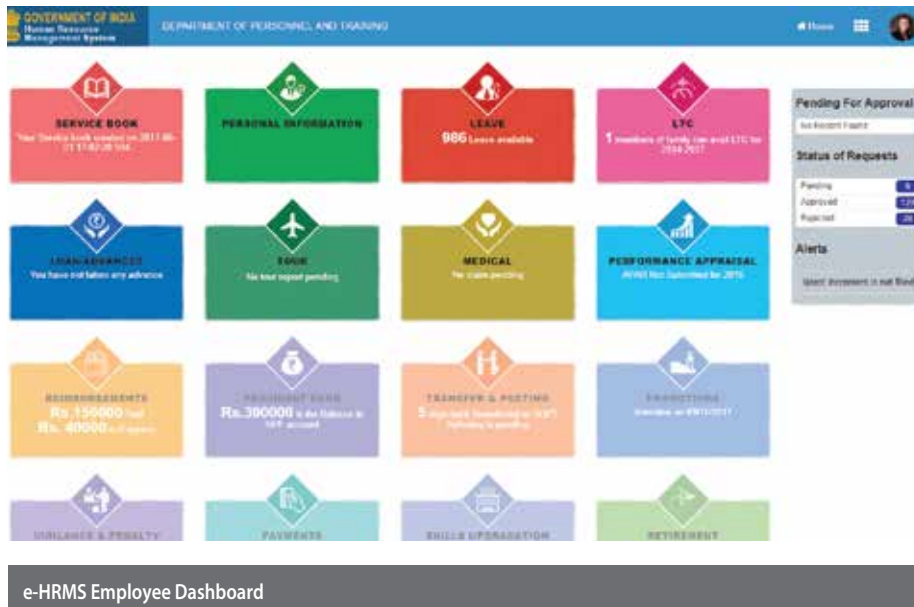
Each activity, which an employee does in e-HRMS is treated as service (e.g. apply for leave, cancel leave, extend leave or join office after leave). Each Service has three layers, first layer is a form to get input from employee, second layer is the service workflow which decides the path from which input will be taken from employee to entry in service book, third layer is the service rules e.g. CCS rules. Each Layer is developed separately and integrated as per the requirement. This makes the software light weight and scalable.

e-Sign is used for non repudiation which provide ease of use and easy to implement the Digital Sign for a large number of employees. SMS and email services will be used to send alerts, messages etc. to employees to improve and expedite the process. Single Sign-on will be used to provide single Dashboard to employee to access various services developed in other projects.

Data Exchange between various application like PFMS, SPARROW etc. will happen through WEB services. e-HRMS will create data exchange which will have latest data of all employees registered into e-HRMS.

INTEGRATION WITH OTHER





APPLICATIONS

Data Exchange between various application like PFMS, SPARROW etc. will happen through WEB services. e-HRMS will create data exchange which will have latest data of all employees registered into e-HRMS and related code master data, which can be shared with other applications. This will expedite the development of other Applications and facilitate integration of Application.

DASHBOARD

e-HRMS has dashboards for both Management and Employees separately.

MANAGEMENT DASHBOARD

It is the display method to provide just in-time analysis/ access to human resources data of organization in an easily understandable format. Metrics considered while designing e-HRMS Management Dashboard are-

- HR Analytics
- HR Strength
- Pendency
- HR Development
- e-HRMS Rollout/ Implementation

EMPLOYEE DASHBOARD

This provides the online access to various activities related to HR and impacting the Servicebook from the day of joining the government till retirement of employee. The dashboard also provides the alerts, status of request made by employee and Notifications to remind employee of activities to be done. Employees can also see the request pending with him for approval in addition to above mentioned options.

TARGET USERS

- All Government Employees
- Transfer and posting controlling authorities
- Promotion controlling authorities
- Vigilance and penalty controlling authorities
- Administration section of each office
- Personnel section of each office
- Finance section of each office

IMPLEMENTATION METHODOLOGY

- Organisations register themselves on ehrms.gov.in
- Separate instance for each organization
- Firstly, existing servicebook will be scanned

- Latest employee information which is required for decision making will be entered into software
- Scanned service books are uploaded for employees legacy data
- Employee information will be shown to employee for confirmation
- After that, employee information will be shown to administration for approval.
- All employees with approved service book (legacy data) can use e-HRMS i.e. personal information system, LTC, Leave, Advances, Tour etc. on day to day basis
- Administration will approve the details online
- Service book will be updated automatically
- e-Signed pdf file for each online service will be stored automatically

IMPLEMENTATION SUPPORT

Department of Personnel and Training (DoPT) is facilitating the process of training and implementation of e-HRMS. A demo site is available to facilitate end users to explore the software with test data. User Manual has been prepared to enable better understanding on the usage of the software. All support materials are available on the demo site as well as the online site for public view and download.

HOW TO ACCESS

To get hands-on experience and training, users can visit the demo site. Whereas, for actual data entry, they have to visit the URL, <http://ehrms.gov.in>.

For further information, please contact:

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ONLINE GPF SYSTEM of Arunachal

Bringing Transparency & Strengthening e-Governance in the State

Catering to the need of Directorate of Accounts and Treasuries by incorporating all the features required for maintaining GPF accounts and generating all essential reports and statements, the online GPF System follows a very transparent approach in providing a comprehensive resource of information to all account holders and accounting units.

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Edited by
RUBAIYAT UL ALI

The online General Provident Fund (GPF) system provides an internet-based solution for employees (Group- A/ B/ C) under Government of Arunachal Pradesh. This e-Governance initiative facilitates GPF subscribers to interact with the Directorate of Accounts and Treasuries through the portal, thus serving a communication tool between the Government and its employees. The Online GPF System follows a very transparent approach in providing a comprehensive resource of GPF-related information open to all account holders and accounting units.

BACKGROUND

The Directorate of Accounts and Treasuries, Govt. of Arunachal Pradesh has been

maintaining GPF accounts for all the Group- A/ B/ C level government employees of Arunachal Pradesh through an offline client-server based software, GPF Accounting System developed by NIC, Arunachal State Centre, Itanagar.

The system catered to the need of Directorate by incorporating all the features required for maintaining GPF accounts and generated all essential reports and statements.

HIGHLIGHTS

- Opening a new account
- Deposit/ Withdrawal
- Advance
- Approximately 43,000 employees are covered

Every year, the Directorate of Accounts and Treasuries had to send Balance Statements/ other information to its

eGPF
Directorate of Accounts & Treasuries
Department of Finance
Government of Arunachal Pradesh

Profile Annual Statement View Ledger View Missing Credit Sheet Final Payment Status List of GPFs Change Password Logout

Ledger Sheet

Office of the Director of Accounts and Treasuries, Itanagar
(Ledger Sheet for Financial Year 2014-2015)

Month	Subscription	(Inc. Deposit)	Refund	Total	Withdrawal	Prpg. Total	Summary
Apr 1500				1500		176291	Opening Balance: Rs. 1,74,793.00
May 1500				1500		177791	Rate of Interest : 5.5 %
Jun 1500				1500		179291	Missing Credit Adj. at the beginning of the year : Rs. .00
Jul 1500				1500		180791	Missing Credit Adj. at the beginning of the year : Rs. .00
Aug 1500				1500		182291	Deposit during 2014-2015: Rs. 33,436.00
Sep 1500	12557			14057		196350	Interest for 2014-2015: Rs. 14,748.00
Oct 1500				1500		197850	Total: Rs. 3,22,777.00
Nov 1500				1500		199350	
Dec 1500				1500		200850	Debit Withdrawal: Rs. 1,00,000.00
Jan 1500	2871			4079	100000	105229	Missing Credit Adj. at the end of the year: Rs. .00
Feb 1500				1500		106729	Missing Credit Adj. at the end of the year: Rs. .00
Mar 1500				1500		108229	Penalty: Rs. .00
Total 15000	15000			15000	1,00,000	3,22,777.00	Balance as on 31st March 2015: Rs. 3,22,777.00

Ledger Sheet generated from e-GPF

eGPF
Directorate of Accounts & Treasuries
Department of Finance
Government of Arunachal Pradesh

Downloads

Form Description	PDF Format	Word Format
Application Form For Final Payment/Transfer to Corporate Bodies/Other Government		
Application Form For Final Payment to Nominess or any other claimants where no nomination subjects		
Application Form For Final Payment after Retirement/Supernatuation/Discharge/Resignation etc.		
Withdrawal Form (FORM T.A. 58-A)		
Format of Drawal and Non-Drawal Certificate		
Format for Allotment of Provident Fund Account to Compulsory Subscribers		
Form of letter to the Director of Audit and Pension forwarding the pension papers of a Government servant		
Filled Form of letter to the Director of Audit and Pension forwarding the pension papers of a Government servant		
CSRF Form - Subscriber Registration Form (CSRF) for NPS		
S3 Form - Application form for allotment of Permanent Retirement Account Number (PRAN)		

Form Description

subscribers by post, which are prone to misplacement in transit and thus resulting in delays. This also incurs additional expenditure in the form of postal charges. Further, it was very difficult to know the status of final GPF payments after account closure, as the records were available centrally only at the Directorate. Conclusively, one can say that the offline system as such did not provide information directly to the GPF account holders though the system had all the required information.

TECHNOLOGIES USED IN e-GPF

The e-GPF web-based application has been developed using PHP as the frontend with PostgreSQL as the

backend. eGPF application has been security audited.

SALIENT FEATURES OF e-GPF

- Provides secure online accounts to all the employees of the Government of Arunachal Pradesh.
- Provides GPF annual statement online to the employees for viewing and printing.
- Provides views of GPF Ledger, Missing Credit and/ or Debit Card information.
- Provide status of final payment online to the concerned employee.

- Provides views and prints balance sheet after final payment authority issued.
- Download facilitation of all forms related to GPF like final payment.
- Employees can update their profile information such as current address, mobile number etc.

For further information, please contact:

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PDF Digital Signing Tool 3.0

A Feature-rich Workplace Solution with Intuitive signer interface

PDF Digital Signing Tool 3.0 has been built on latest technology using JavaFX with enhanced features, improved and intuitive signer interface. This new version facilitates digitally signing of the electronic documents (pdf) by reading Digital Certificates (X.509) from USB token provided by the Certifying Authority.



With the emergence of Digital India and success of various initiatives under the programme, the electronic signatures have gained acceptability as a

trustworthy signing mechanism for maintaining identity, authenticity and security of the electronic documents and transactions.

Digital Signature is the subset of the electronic signatures that uses Public Key Infrastructure (PKI) to digitally sign an electronic document and provide assurances of the evidence to provenance of identity of signer and integrity of the document. This means that the content of the document cannot be altered after signing and the receiver of a document is assured of the signer authenticity.

The Information Technology Act, 2000 and subsequent amendments provides the required legal sanctity to the digital signatures based on asymmetric cryptosystems.

DIGITAL SIGNATURES VS PHYSICAL SIGNATURES

A physical signature (also called ink or wet signature) can be applied on a paper



document only and can be replicated from one document to another by copying the image manually or digitally. But to have credible signature copies that can resist some scrutiny is a significant manual or technical skill and to produce ink signature copies that resist professional scrutiny is very difficult. Also in a physical paper document, there is always a concern about its durability.

Digital Signatures use Digital Signing Certificate to establish an electronic identity to an electronic document. The Digital Signature cannot be copied to another document. Paper contracts sometimes have the ink signature block on the last page, and the previous pages may be replaced after a signature is applied. Digital signatures can be applied to the entire document, such that the Digital Signature on the last page will indicate tampering if any data on any of the pages have been altered (However, this can also be achieved by signing with ink on all pages of the contract). Additionally, Digital

DST 3.0 Architecture

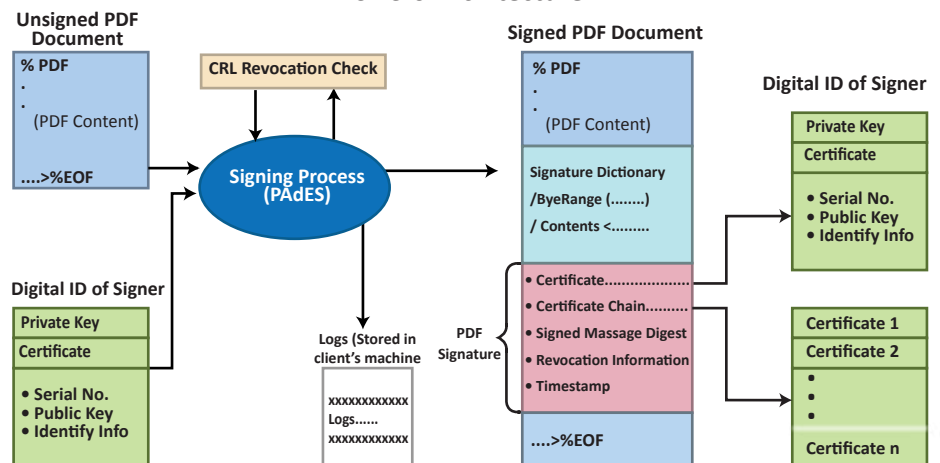


Figure - 1

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Signatures also provide encryption if required and thus provide privacy as well.

BASIC ARCHITECTURE OF DST 3.0

The basic architecture of DST 3.0 is given in **Figure-1**.

The tool facilitates Digital signing of PDF documents using PAdES (PDF Advanced Electronic Signatures) standard. The signature data is incorporated directly within the signed PDF document, allowing the complete self-contained PDF file to be copied, stored, and distributed as a simple electronic file.

ABOUT DIGITAL SIGNING TOOL 3.0

PDF Digital Signing Tool Version 1.0 was released in the year 2014 and made available through e-Gov App store. Version 3.0 of this open source desktop tool is now being released with enhanced features, improved and intuitive signer interface and built on latest technology using JavaFX. It provides digitally signing of the electronic documents (pdf) by reading Digital Certificates (X.509) from USB token provided by the CA.

The digital signing functionality is provided for single or multiple signatures on a single pdf document as well as bulk signing of pdf documents.

FEATURES AVAILABLE

- Simple signing of single PDF files
- Multiple signs on a single PDF
- Bulk signing of multiple documents with single sign
- Enabling/ Disabling signature visibility in the PDF based on signer's choice
- Enabling the signature image to be carried out on all pages of document
- Co-ordinates selection to sign on desired location in single signing
- Co-ordinates selection to sign on desired location in bulk signing. (In this case the bulk documents should be of same structure so that sign is placed properly uniformly at the chosen location)
- Password window is provided for

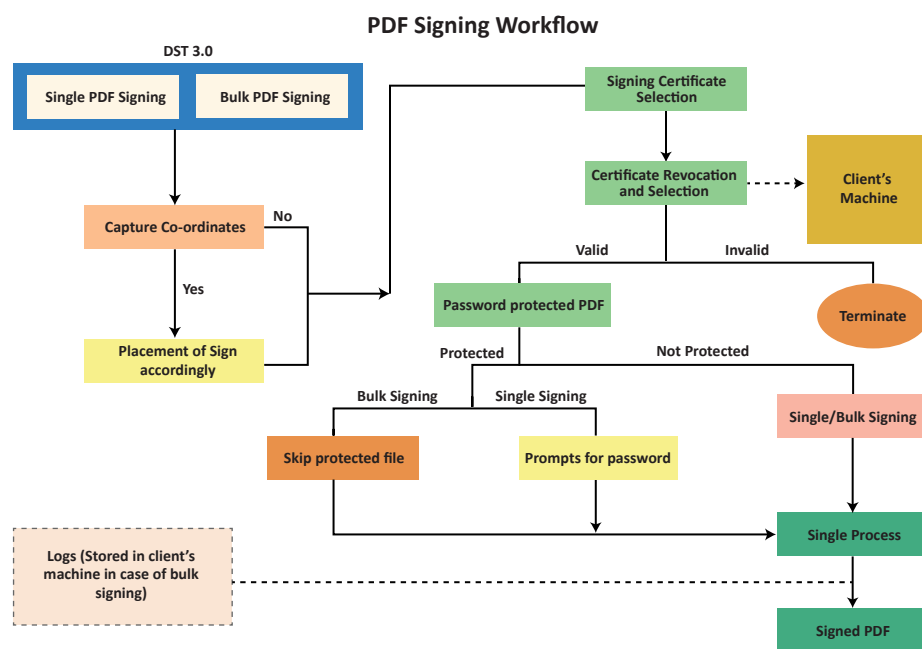


Figure - 2

signing password protected PDF files

- Certificate Revocation List check before signing
- Configuration to set maximum number of files signed in one go. Default value is 5,000 pdf files
- Configuration to set Maximum number

of persons that can sign the same document. The default is ten persons. This configuration is also available for bulk signing

- View Signature details on any signed PDF file(s)
- Quick Help

Multiple Signing on single PDF

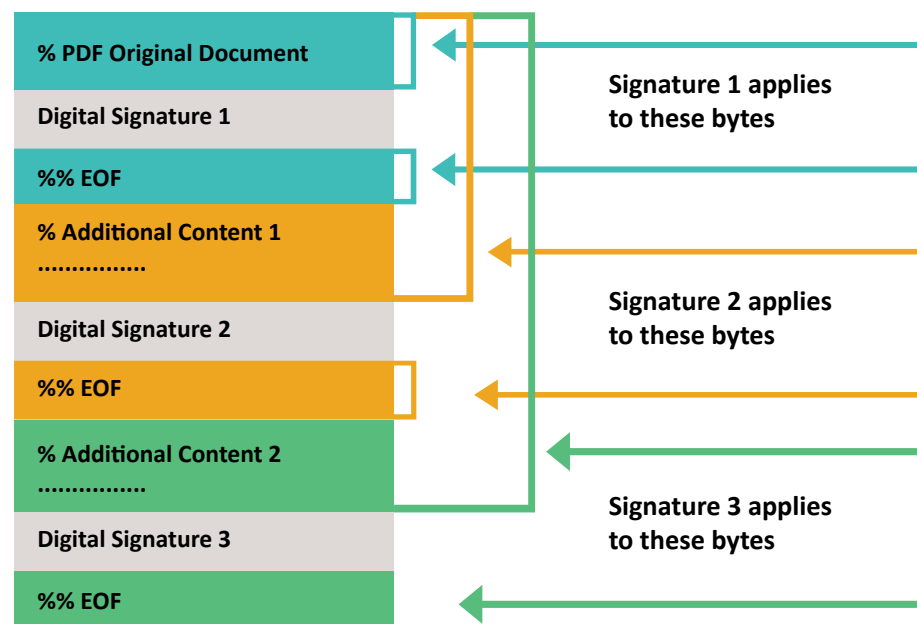


Figure - 3

HOW THE TOOL WORKS

Figure-2, depicts the working of the Digital Signing Tool. Digital Signing Tool version 3.0 checks CRL before signing the document. In this, CRL Distribution Point (CDP) will be picked while signing. If CRL file already exists at the user home directory location, it will simply check revocation status and proceed but if file is not updated, it will use the internet and download the latest file and proceed to put signature on PDF. If due to any reason, CRL checking is not performed, it will not allow the signer to sign the document.

SIGNING THE PDF FILES

The signer is prompted to provide the PDF file(s) for signing and the folder location where the signed document to be stored with some optional parameters as follows:

SIGNATURE VISIBILITY

This is related to appearance of signature on the document. Documents with invisible Digital Signatures carry a visual indication of a blue ribbon on the task bar. One can use visible Digital Signatures if one does want to display the signature, but only needs to indicate the authenticity of the document, its integrity etc.

COPY SIGNATURE

Placing image of Digital Signature on all

pages of signed PDF file. By default signatures will appear only on first page of pdf file.

CAPTURE CO-ORDINATES

Signer can select the location where he wants to place the signature image.

MULTIPLE SIGNATURES ON SINGLE PDF

More than one signer can put their Digital Signatures on a previously digitally signed paper. **Figure-3** shows the signatures of single and multiples signers in a single document.

BULK SIGNING

Signer can sign more than one pdf with a single click using bulk signing option. Further, user can select coordinates on single pdf and signatures will appear at same location in all PDF's. Signature visibility and signature appearance on all pages can be controlled through options provided in the form (**Figure-2**).

Digital Signing Tool version 3.0 checks Certification Revocation List(CRL) before signing the document. In this, CDP point will be picked while signing, if CRL file already exists at the user home directory location, it will simply checks revocation status and proceed but if file is not updated, it will use the internet and

download the latest file and proceed to have signature on PDF. Due to any reason if CRL checking is not performed, it will not allow the signer to sign the document.

CONFIGURATION

A simple interface to set limit on maximum number of PDF files that can be signed in Bulk signing (**Figure-3**).

Maximum number of signatures that can be carried on one PDF is also configurable.

Signature Valid

Digitally signed by Class 2 individual test
Date: 2018.03.05 15:50:42 IST

Figure - 4

VIEW SIGNATURE DETAILS

Another simple interface where signer can view signers' details of signed PDF.

HOW TO OBTAIN THE TOOL

Digital Signing Tool 3.0 will be made available in e-Gov App Store by the mid of May, 2018. After downloading the tool, it can be easily installed like any other Desktop Application depending on the platform. It has a simple interface with four tabs as in **Figure-5**.

REQUIREMENTS

The tool uses Java FX & JCA and requires Java 8 in the client machines. It will be supported on Windows, Linux and MAC clients that have Java 8.

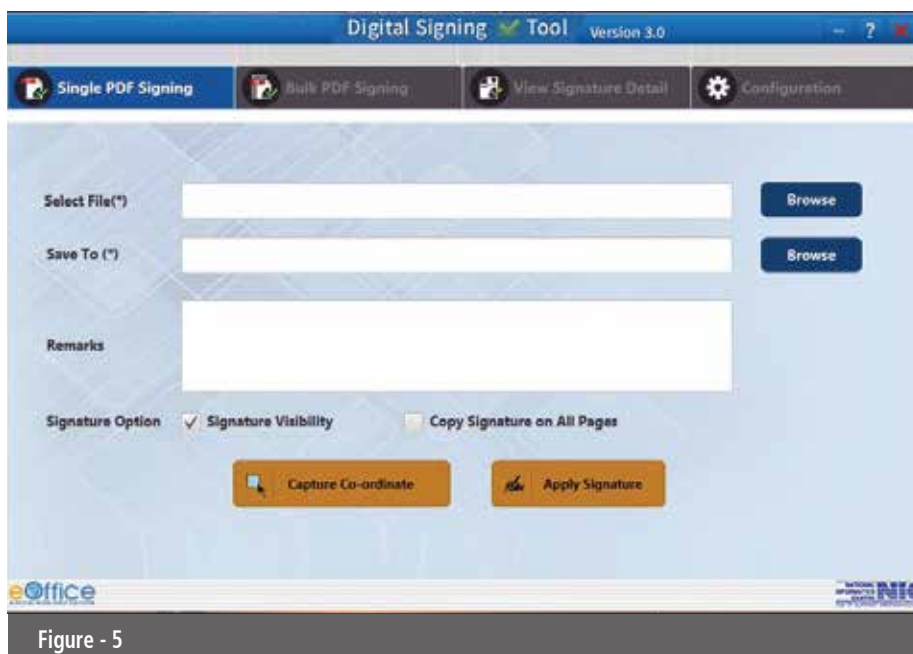


Figure - 5

For further information, please contact:

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Appscape

There has been an exponential growth in the sector of mobile application development during the past one decade. The number of downloadable applications on Google Play Store has increased from few thousands in 2010 to millions in 2018. Similar number of downloadable Mobile App is available on iTunes and other stores. Constant improvement of hardware related to mobile computing (e.g., better computing power, larger wireless network bandwidth) has triggered a paradigm shift in the way mobile applications are developed. More user centric Mobile Apps are being developed to provide better user experience.

One of the current trends in development of Mobile Application is Progressive Web App (PWA). PWA uses web capabilities to provide mobile application like experience to users. Originally proposed by Google in 2015, PWA has already gained popularity due to the relative ease of development and Application's User Experience.

In NIC, several Mobile Apps are being developed across states, divisions and ministries in e-Governance domain. More and more Mobile Apps are getting uploaded on Google and iOS Play-Store under NIC account. Total count of Mobile Apps uploaded on NIC Mobile AppStore (<https://egovmobileapps.nic.in>) has increased to 269 and count is ever increasing.

This issue of Appscape covers selective popular Mobile Apps belonging to the sectors such as Agriculture, Tourism, Urban Development and Rural Development. DAPWEL is to help the differently abled persons to reach the DDAWO through this Mobile App instead of visiting the office, AMMA e-Service of Land Records allows people to access any set of information related to land record, Punjab Sadak Sewa Mobile App enables citizens to report the road conditions and submit any complaint or suggestion about the roads, Soil Health Card Mobile App is used for registration of soil samples and Smart Shillong provides various information about Shillong.

- C.J. ANTONY, NIC HQ



For Apps uploading queries:
eMail: mobileapps-nic@nic.in
Phone: 011- 2430 5494 (Deepak)

Visit the Mobile App Store
<https://egovmobileapps.nic.in>

Differently Abled Persons Welfare (DAPWEL)

Differently Abled Persons Welfare- Ramanathapuram District was released by Hon'ble IT Minister- Tamil Nadu. The mobile App is a part of this initiative which will help the differently abled persons to reach the District Differently Abled Welfare Office (DDAWO) through this Mobile App instead of visiting the office. The App made to reduce the hardship faced by the differently abled people and help them avail the benefits of Government Welfare Schemes by using their smart mobile phones or by visiting the nearest Internet centre. This Application will cater the needs of the DDAWO and the District Administration. It will enable them to maintain the details of the beneficiaries under various schemes in the District. There are 27,591 Differently Abled Persons (DAPs) so far registered with DDAWO in Ramanathapuram District. Only registered members could avail the benefits provided under various Government schemes.

Differently abled people who had registered with the DDAWO could avail identity cards and benefits under the welfare schemes by applying online after downloading the App. The App has been developed by Mobile App Development Competency Centre, NIC, Chennai to apply for the National Identity Cards, check eligibility criteria and avail benefits under various welfare schemes.

Contact for queries: [Raghunathan VS \(raghunathan.vs@nic.in\)](mailto:raghunathan.vs@nic.in)



<https://play.google.com/store/apps/details?id=com.phonegap.DAPWEL&hl=en>

AMMA e-Service of Land Records

The Chief Minister of Tamil Nadu state has announced to launch the Amma e-Service of land records. With this, people of the State will be able to maintain and update details related to land records over their mobile devices. People can access land information as register extract, chitta and patta, public/private land. Mobile App Development Competency Centre, NIC, Chennai has designed and developed the Mobile App for citizens with following services:

A-Register: The citizens by entering the name of District, Taluk, Village, Survey No. and Sub-division No. details can view the entire 12 columns available in the 'A' Register viz., Survey no., Land type, Soil, Sort, Rate per hectare etc.

Chitta: The citizens can view the name of the pattadhar(s) by entering Patta no. (or) its Survey no. and Sub-division no., at the end of the Pattadhar's name. A link "Touch here for pdf" is given, to view pdf format of the Chitta.

Application Status: Here the citizens can view Patta Transfer application status with application no.

Type of Land: Citizens by entering the name of District, Taluk, Village, Survey no. and Sub-division no. details, can view the type of land, whether it is 'Private' or 'Poramboke'.

Contact for queries: [Ragunathan VS \(raghunathan.vs@nic.in\)](mailto:raghunathan.vs@nic.in)



<https://play.google.com/store/apps/details?id=com.phonegap.TAMILN ILAM>

Punjab Sadak Sewa

The Punjab Sadak Sewa App is a GIS Map-based interface for the citizens to report the road conditions, submit any complaint or suggestion about the roads in the state of Punjab. The App displays the current location of the citizen on the map along with details such as name of places and major landmarks. The feedback form contains the road conditions and surface conditions from the list, remarks and facility to upload upto two photographs. Map will show the feedback position with red color and display the feedback status on tapping the point.

The Mobile App is developed on Android platform and is available for free download from Google Play Store. The App works in online mode and is directly connected to a central server. A web interface Punjab Sadak Sewa Dashboard has also been created to view and resolve the feedbacks submitted by citizens. There are three stages (Submitted, Reviewed and Final) for feedback. In each stage, citizen can know the feedback status by taping the feedback point on the map. Color of the feedback location also keeps changing for each stage.

Contact for queries: [Dhrubajyoti Sarma \(sarma.dhrub@nic.in\)](mailto:sarma.dhrub@nic.in)



<https://play.google.com/store/apps/details?id=in.nic.rsgis.pmb>

WeAreKannur

WeAreKannur Mobile Application is an initiative of District Collector, Kannur. App has been designed and developed by Mobile App Development Competence Centre, NIC, Kannur, Kerala. The salient features of the App are:

- Provision to locate, call, rate, review offices online – Village offices, Panchayath offices, Police Stations etc. Feedbacks provided on this App directly reaches to District Collector.
- Top Ten things to do in Kannur – From running a Marathon to shopping for handloom to deep sea floating, there is a list of 10 things which can be done in Kannur by the tourists.
- Support a Cause– Items required by children's/ old age homes etc. are listed. It provides facility to offer them to needy ones.
- Direct Notifications to mobile phones from DC office are:
 - Disaster Warnings
 - Holiday Declarations
 - Activities
 - Public Interest Announcements
- The App menu provides important links to utility payment sites, district specific websites and mobile Apps.

This scalable App can be easily customised and deployed to other districts. Action has been initiated for replication of this App to all districts of Kerala as a single App.

Contact for queries: [*T Mohana Dhas \(sio-ker@nic.in\)*](mailto:T Mohana Dhas (sio-ker@nic.in))



<https://play.google.com/store/apps/details?id=org.nic.wearekannur>

Smart Shillong

Smart Shillong is a Mobile App which caters to the Shillong City. This Mobile App is a one stop shop to various services provided by various Government Departments in and around Shillong. This app also provides information to the Citizens which will guide for Domestic Tourist as well as Foreign Tourist on - How to reach Shillong, list of Hotels in Shillong, Guest Houses, Places to visit and Restaurants.

The Mobile App also provides the latest news updates, grievance redressal of Shillong City, Government Notification, Government order, Job vacancies, Publication of Recruitment News, and Government Tenders. One can also get the telephone numbers for various basic emergencies services like Police Control Room, Hospitals, Electricity, Fire Tenders, etc. The Mobile App also provides the Key Contacts of State Government officials where one can search the contact numbers of Government officials.

The Mobile App also provides the links of various Citizen Centric Services and Government Services for the citizens to apply and avail the services online. This android Mobile App was designed & developed by NIC, Meghalaya. The App requires 2G/3G/4G internet connection to access the various information and modules as it is dynamic.

Contact for queries:

[*Aiborlang Wanswett\(aiborlang.wanswett@nic.in\)*](mailto:Aiborlang Wanswett(aiborlang.wanswett@nic.in))



<https://play.google.com/store/apps/details?id=com.ionicframework.shillongone874656>



Awards for Innovation and Excellence, 2018

NIC has won 3 Awards at The Open Group Awards for Innovation and Excellence 2018 event held during 22nd to 24th February, 2018 in Bengaluru.



Photo 1

Award of Distinction was conferred to HP Public Service Commission and NIC Himachal Pradesh for designing the Public Service Commission Enterprise Architecture Framework. Shri J Satyanarayana (Chairman, UIDAI) and Shri James (VP & GM, The Open Group, India) presenting the Award to Shri D.C. Misra, DDG (NIC), Shri Manoj Tomar, Additional Secretary (HP PSC) Shri Ajay Singh Chahal, SIO (NIC HP), Shri Sanjay Sharma, TD (Project Head) and Shri Sanjay Kumar, TD. The other members of the team include Shri IPS Sethi, Sr. TD and Shri Sandeep Kumar, TD.



Photo 2

Award of Distinction for the outstanding work in which a clear path towards effective use of Technology has been taken was conferred to NIC for designing the DigitalNIC Enterprise Architecture. Shri J Satyanarayana (Chairman, UIDAI) and Shri James de Raevé (VP & GM, The Open Group, India) presenting the Award to Smt. Rama Hariharan (Sr. TD, NIC). The other members of the team include Shri D.C. Misra (DDG, NIC).



Photo 3

Award in the Digital Inclusion Category was conferred for the online e-Mutation implementation for Akola. Shri Nitin V. Choudhuri (DIO, NIC, Akola) and Shri Prasad Ranad (Help Desk Support, Land Records, Akola) received the Award from Shri Steve Nunn (President, The Open Group) and Shri James de Raevé, (VP & GM, The Open Group, India)

Ministry of Drinking Water & Sanitation (MDWS) receives Certificate of Appreciation for e-Office implementation



For the best implementation of e-Office Software, Ministry of Drinking Water and Sanitation has been awarded *Certificate of Appreciation* on 14th March, 2018 by the Hon'ble MoS (Independent Charge), Dr. Jitendra Singh at a special function held at Ministry of Personnel, Grievances and Pensions. The e-Office software has been designed and developed with an objective to help reduce the movement of hard copy papers within an organization and integrate various, seemingly unrelated, activities within an organization. The software is based on open source technologies & web-based, which is quite user-friendly.

Chandigarh UT Administration receives Best Performance Award at the National Workshop on Central Public Procurement Portal



Chandigarh Administration has been selected and awarded as one of the best performers based on electronic tendering carried out during the year April 2016 to March 2017 under the special category amongst various States, UTs, Central Ministries and PSUs across the country.

The award was presented by Shri Ajay Sawhney, Secretary, MeitY to Shri Harish Nayar, IAS, Special Secretary (Finance), Shri Mukesh Anand, Chief Engineer-cum-Special Secretary (Engineering) and Shri Girish Pant, Scientist-D (NIC) on 4th January, 2018 at the India Habitat Centre, New Delhi.

Awards Galore for NIC at the CSI-Nihilent e-Governance Awards, 2017

The Computer Society of India's Nihilent e-Governance (CNeG) Awards have paralleled the evolution of National e-Governance plan [NeGP], Digital India and Digital Transformation initiatives of the Country. These awards were instituted way back in the year 2002. The 2017 award ceremony, which was held in the historic city of Kolkata and as part of the 52nd Annual Convention on 20th January, 2018. NIC has excelled by winning several awards in various categories. Following include the Awards list.



NIC-Bihar

- Mobile Based Paddy Procurement through PACS
- Digital Eco-System for Social Security Pensions

NIC-Haryana

- Employee Loan Management System
- Online Drug Inventory & Supply Chain Management System (Award of Appreciation)
- e-Transport MMP Implementation System

NIC-HQ Delhi

- e-Procurement System, GePNIC, NIC & Dept. of Expenditure, Ministry of Finance (Award of Appreciation)

NIC-Himachal Pradesh

- Manav Sampada and MDM-ARMS Applications, Himachal Pradesh (e-Governance category)
- MDM-ARMS (Midday Meal Automated Reporting & Management System) NIC Himachal Pradesh for MHRD, GoI.

NIC-Punjab

- Punjab Public Service Commission- Integrated Solution for Recruitments
- e-Office Implementation in Department of Governance Reforms (DGR), Punjab

NIC-Uttarakhand

- School Education Portal, Uttarakhand (Award of Appreciation)

National e-Governance Gold Award for Online Rohtang Pass Permit Issuance System of District Kullu, Himachal Pradesh



The Online Rohtang Pass Permit Issuance System has won the National eGovernance 2018 Gold Award under the District Initiatives category during the 21st National eGovernance Conference held on 27th February 2018 in Hyderabad.

The Award was presented by Dr. Jitendra Singh, Hon'ble Minister of State for Personnel, Administrative Reforms and Pensions (Independent Charge) to the officers from Himachal Pradesh Government and NIC Himachal Pradesh including Dr. Purnima Chauhan, Secretary

(Administrative Reforms, LAC), Shri Yunus, Deputy Commissioner (DC), Kullu, Shri Rakesh Kanwar, former DC Kullu, Shri Ajay Singh Chahal, SIO, NIC HP, Shri Lalit Kapoor, ASIO, Shri Sanjay Kumar, TD, Shri Ashish Sharma, Scientist-B, Shri Brijender Dogra, DIO Kullu and Shri Rajiv Kumar Thakur, ADIO, Kullu.

Rohtang Pass Permit Issuance MIS is an innovative web-based solution which can be accessed from any location (State, Country and world-wide) through internet.

Midday Meal Automated Reporting & Management System of NIC HP and e-Challan Payment Gateway, Goa win Technology-Sabha 2018 Awards

The Technology Sabha Awards are given away to Government department / agency / institution that demonstrate innovative use of a particular technology or a combination of technologies for distinct benefits to the stakeholders. This includes deploying a completely new solution or an innovative use of an existing technology to gain a competitive edge, improve operations, become more responsive to customers and partners. Organized by the Express Group, Technology Sabha 23rd edition was held at Indore during 22-24 February 2018.



The Midday Meal Automated Reporting and Management System of NIC has won the Technology Sabha Enterprise Solution Award 2018. Shri Vimal Kumar Sharma, TD and Shri Praveen Sharma, Scientist-B received the Award. The project is headed by Shri Sanjay Kumar, TD and the project team includes Shri Ajay Singh Chahal, Shri Lalit Kapoor, Shri Sandeep Kumar, Shri Sandeep Sood, Shri Ashish, Shri Sanjay Sharma and Shri Sarvjeet Kumar.

The basic functional scope of the software is collection of data for daily meals served in every school of India, with details/ reasons of non served meals.

National Informatics Centre, Goa was awarded the 'Technology Sabha Award 2018' in the category- Enterprise Apps for the project, *e-Challan Payment Gateway*.



Namibia Switches to Biometric/ Electronic Passports



he Director of Immigration and Border Control, Ministry of Home Affairs and Immigration, Mr. Nehemia Nghishekwa announces the issuance of Biometric-Electronic passports of Namibia to its citizens to enable maintaining the integrity of the Namibian travel document and to render it difficult to forge.

Mr. Nehemia said that the move was in line with International Civil Aviation Organization (ICAO) requirements, which urge all UN member states to implement the electronic passports.

Mr. Nehemia has explained that Namibia had an untainted reputation internationally, making it an ideal target for international travel document fraudsters. He noted that the electronic passports come with general security features, compared to the previous passports, adding that the electronic passports contain 40 pages compared to the 32 pages of the old passports. The electronic passport features include the Namibian map on the inside of the cover page, images of the Namibian Parliament, the national flower of Namibia, the *Welwitschia Mirabilis* and a watermark on all pages.



The machine-readable passports currently in circulation, which include ordinary, diplomatic and official passports, will run concurrently with the new electronic passports until they outlive their lifespan of upto five years.

An electronic passport will cost N\$160 and the waiting period will remain the same.

Source: <https://www.namibian.com>

New Cyber Security Export Strategy to Protect UK and Allies



International Trade Secretary, Dr. Liam Fox launched the Govt's new Cyber Security Export Strategy to promote the UK's world-leading expertise and strengthen defence capabilities in the UK and allied Countries.

With recent cyber attacks threatening NATO countries as well as large global and UK organisations, the Government is urging businesses from both the UK and allied countries to ensure they have the best security possible.

Dr. Fox said that the strategy will help the UK's 800 Cyber Security companies to win contracts that provide security for high profile international buyers and protect networks across the world.

UK cyber exports overall totalled £1.5bn in 2016, and global demand for software products to protect Digital Systems from vulnerabilities continues to grow, with total spend expected to exceed £759 billion by 2021.

This new Cyber Security Export Strategy supports the ongoing work of the 2016 National Cyber Security Strategy. The 2016 strategy provided £1.9 billion of transformative investment in Cyber Security, which is being used alongside more conventional land, maritime and air capabilities, to meet these threats head-on.

International Trade Secretary, Dr. Liam Fox, said, "Recent events show that the UK faces a diverse range of threats from hostile state actors. So in an increasingly Digital World, it's vital that we improve our cyber capabilities, which are crucial for National Security and Prosperity. The strategy will support UK companies to export our world-leading Cyber Security expertise, which will help strengthen our capabilities, and protect our country and our allies from those who wish us harm. This new strategy has been developed with industry and comes with robust export control regimes which will safeguard human rights. The launch is backed by ADS, the UK trade association for the security sector."

ADS Chief Executive, Shri Paul Everitt, said, "Public and Private organisations in the UK and around the world are facing rapidly evolving Cyber Security threats. In the UK, we have a diverse range of companies able to provide world-leading expertise and innovation to combat these threats. The UK's Cyber Security Exports are already worth £1.5bn a year and we expect this area of activity to continue offering the strongest export growth in the security sector in the years ahead. This new strategy can help the sector continue to grow, make a greater contribution to national prosperity, and protect the UK and our allies from threats in cyberspace."

Source: <https://www.openaccessgovernment.org>

Estonia looks to Develop ties in IT, Cyberspace with India

European nation Estonia is looking to build cooperation with India in Cyber Security and e-Government development space and also invited Hon'ble Prime Minister, Shri Narendra Modi to visit the country.

"I gave invitation to Indian Foreign Minister and Prime Minister to visit Estonia. Last visit of an Indian Prime Minister to Estonia was 36 years ago. It was Indira Gandhi and people in Estonia still remember that. It is time again to have so high level visit from India to Estonia," Republic of Estonia's Entrepreneurship and IT Minister Urve Palo told reporters.

During her visit to India, Hon'ble Minister Palo met Law and IT Minister, Shri Ravi Shankar Prasad and Minister of State for External Affairs, Shri Mobashar Jawed Akbar. She was also scheduled to meet Commerce and Industries Minister, Shri Suresh Prabhu later.

"So far I have seen that Indian Government is very much interested in cooperation into Cyber Security and also in the e-Government development issues," Hon'ble Minister Palo said.

She said that Hon'ble Minister Akbar, Estonian delegation discussed recognition in India of diplomas that are awarded in Estonia.

Hon'ble Minister, Palo said that both India and Estonia have shown high interest in the area of Information and Communication Technology, Cyber Security and Smart Cities. India and Estonia have already signed memorandum of understandings in the field of ICT.

Minister Palo invited Indian entrepreneurs to sign for e-Residency using which they can conduct a business from Estonia.

"e-Residency does not give citizenship but e-Residency holders can access to e-Governance services of Estonia and conduct their business without even visiting Estonia. It gives entrepreneurs access to European market," said Minister Palo.

Firms in Estonia gain business opportunity from e-Residents.

By 2025, e-Residents are expected to add a total of 1.8 billion euros to Estonia's economy via direct (state fees and taxes) and indirect (job creation across industries, incremental demand, increased administrative efficiencies and country brand), a representative of Estonia said.

Estonian authorities shared that Shri Ravi Shankar Prasad was given e-Residency of Estonia when he visited the country last year.

Source: <https://telecom.economictimes.indiatimes.com>

Azerbaijan: Online Payments to be Carried Out Faster

The Central Bank of Azerbaijan (CBA) has started to create an Instant Payment System, said the CBA in a message.

According to the message, international experience has already been studied. Initial studies have been carried out to create an Instant Payment System and requirements for integration into the existing payment ecosystem.

"International experience shows that Instant Payment System is used to ensure round-the-clock operation of payment systems," the message said. "This kind of system allows reducing the time of settlement transactions between those who pay and those who receive money to 5-10 seconds."

According to the message, similar systems are already used in UK, Denmark, Finland, Norway, Sweden, Switzerland, Poland, South Korea and other countries.

To create the system, detailed discussions were held at the



Azerbaijan Banks Association on the 1st of february, 2018. Opinions and proposals of the heads of local banks were heard.

Source: <https://www.azernews.az>

A fully online Divorce Application Process is being tested across England and Wales for the First Time



he pilot scheme means someone who wants a divorce can apply online – making the process easier to understand and removing some of the stress during a difficult time for families.

Launched last year, the pilot initially allowed people seeking a divorce to use an online system which offers prompts and guidance to assist them in completing their application. They would then print off the form and send it to the court. This month HM Courts & Tribunals Service (HMCTS) has extended the service so that the application is now fully digital – submitting the form, sending the relevant documents, and payment. In the first week, 130 online applications have been received.

The online system has drastically cut the number of applications being returned because of errors – showing a 90% improvement from paper forms. It has already gained positive feedback from people welcoming the simplified, streamlined and easy to understand system which delivers their application instantly with -out the worry of it being lost in the post. The next stages will include making the system available for use by legal representatives.



Susan Acland-Hood, CEO of HMCTS, said: “We are investing over £1 billion to reform and modernise the justice system.”

“These measures are drastically cutting the number of applications returned because of errors – streamlining the process and ensuring we are best supporting the people who are going through a difficult and often painful time.”

Source: <https://www.gov.uk>

US on How to Accelerate IT Modernization and Technology Innovation in Defense



While the roller coaster of Congressional budget negotiations in recent months has created uncertainty in Defense Department, one thing seems to remain steady: the emphasis on improving the department's Information Technology. As part of the 2018 National Defense Authorization Act, the Modernizing Government Technology Act became law late last year, just one of the signs that the federal government is putting its money where its mouth is. Americans know how dependent upon technology their daily lives have become. Military needs to be using the most advanced technology available.

Two recent defense technology-focused events—the Charleston Defense Contractor Association Defense Summit and the West 2018 Conference—brought together thousands from Industry, Government and Academia to discuss topics such as technology innovation and IT modernization. Both conferences carried an undertone of needing warfighting technology, innovation and IT acquisition to go faster. Rear Admiral Christian “Boris” Becker, commander of Space and Naval Warfare Systems Command spoke at both conferences, stating, “Our adversaries are diverse and rapidly evolving new capabilities. We need to be moving at the same speed to be able

to address real-time threats” and “Strategic competition is driving the urgency for us to find our way to deliver, to modernize, to enable the joint force with a more lethal force.”

In keeping with the drive for technology innovation and IT Modernization, Defense Secretary, Mr. Jim Mattis recently announced the new national defense strategy. The plans include investing in “new high-end capabilities” and emerging technologies for potential high-end warfare. He summarized his report by saying that “a rapid, iterative approach to capability development will reduce costs, technological obsolescence, and acquisition risk.” Additionally, he emphasized that the future of National Security Innovation must include traditional and nontraditional defense partners.

The SPAWAR Systems Centre Atlantic recently announced its plans to stand up the Information Warfare Research Project, under an other transaction authority. Mr. Scott Heller, commanding officer of SSC Atlantic said it best, “Our industry partners give us a strategic advantage as we develop and field Information Warfare solutions. We need each other, and we need the great competition of ideas our partnership brings.”

Source: <http://www.unpan.org>

Shakti Button, Women Safety Mobile App launched by Hon'ble Chief Minister, HP



Shri Jai Ram Thakur, Hon'ble Chief Minister of Himachal Pradesh launched the Shakti Button, Android Mobile Application for the safety of women, on 26th January, 2018 at Shimla. Shri Suresh Bhardwaj, Hon'ble Education Minister, Shri Vineet Chaudhary, Chief Secretary, HP and Smt. Manisha Nanda, Additional Chief Secretary and Shri S.R. Mardi, Director General of Police were present on the occasion.

Shri S.R. Mardi, DGP, HP Police explained the functionality of the Shakti Button Mobile Application. The Mobile App is available on the Android platform and is bilingual. It sends the GPS location of the crime scene and starts auto-recording of the scene on mobile phone. Wrongly sent alerts can be recalled through the App itself.

Women can download the App, Store three emergency numbers and enter their District location, name etc. In case of emergency, they just have to shake the mobile phone or press on the large Red button. The App uses the GPS for communicating the location of the women, SMS feature to send messages to emergency contacts and to the Himachal Pradesh Police Central Dashboard. The Dashboard is web-based and monitored round the clock. Besides this, there are helpline numbers for various kinds of emergency services which can be directly dialed from the App by pressing on these.



Hon'ble Chief Minister launching the Shakti Button App

The Hon'ble Chief Minister appreciated the special effort of HP Police and NIC for developing the App in short time and expressed confidence that it will actually help the women in the State through prompt Police Support.

The Shakti Button Mobile App has been developed by the Mobile App Competency Centre, Himachal Pradesh. Shri Sandeep Sood, Group Head and Shri Amit Kanojia, Scientific Officer, have developed this App in a very short time to achieve one of the hundred days targets of HP Police after the formation of the new government in the State on 27th December, 2017. The App is available for download from the Himachal Pradesh official portal, HP Police website at <http://hppolice.nic.in>, NIC e-Gov Mobile Apps Store at <https://egovmobileapps.nic.in>.

- AJAY SINGH CHAHAL, HIMACHAL PRADESH

Hon'ble Chief Minister, Himachal Pradesh launched mBudgetHP and mEcoHP Mobile Apps



Shri Jai Ram Thakur, Hon'ble Chief Minister of Himachal Pradesh presented the Budget in HP Vidhan Sabha on 9th March, 2018 and launched two Mobile Applications, namely, mBudgetHP and mEcoHP. He said that these Apps will enable the citizens, financial analysts, journalists and departmental officials to carry the entire Budget and Economic Survey on their Mobile devices. Shri Vineet Chaudhary, Chief Secretary, Dr. Shrikant Baldi, ACS-Finance, Smt. Manisha Nanda, ACS to Chief Minister, Shri Pradeep Chauhan, Economic Advisor, Shri D.D. Sharma, Special Secretary-Finance and Shri Anupam Kashyap Director IPR, were present at the launch ceremony.

The mBudget Mobile App is bilingual and available on Android phones. The mEcoHP Mobile App is bilingual and available for both Apple and Android platforms.



Hon'ble Chief Minister launching the mBudget and mEcoHP Apps

These Apps are available on NIC eGovmobile App Store at <https://egovmobileapps.nic.in/>, Himachal Pradesh Government portal at <http://himachal.nic.in>, Google Play Store and Apple App Store.

- AJAY SINGH CHAHAL, HIMACHAL PRADESH

Hon'ble Chief Minister, Himachal Pradesh Launched GAUSPARSH-KULLU Website



Centre, Kullu.

On the occasion of celebrating 48th Statehood Day at the State-Level function in Anni, District Kullu, Shri Jai Ram Thakur, Hon'ble Chief Minister, Himachal Pradesh launched the website <http://gausparshkullu.org>. The website has been designed and developed by NIC District

'SPARSH - Society for Protection And Rehabilitation of Stray and Helpless Animals', an initiative of District Administration Kullu to safeguard the life and health of stray and helpless animals, beginning with cattle, by involving major stakeholders such as NGOs, Gram Panchayats, major developmental projects-industries, farmer organizations and general public in the process. The need for such an initiative arises from the debilitating cold conditions during winter in Kullu District coupled with starvation, the stray animals also end up as road accidents on the highways across the area, thereby posing a risk to both the life of cattle as well as human beings.

The other dignitaries present on the occasion include the Chief



Hon'ble Chief Minister, Himachal Pradesh launching Gausparshkullu website in presence of Chief Secretary, Himachal Pradesh and other dignitaries

Secretary and Director General of Police, Himachal Pradesh, Shri Ram Swaroop Sharma, M.P., Mandi Parliamentary Constituency, Shri Govind Singh Thakur, Minister for Forest, Transport & Youth Services, Himachal Pradesh and MLAs of Anni, Banjar and Karsog constituencies. Shri Yunus, IAS, Deputy Commissioner, Kullu has got the website developed.

- SANDEEP SOOD, HIMACHAL PRADESH

Providing of Services available on National Judicial Data Grid (NJDG) and High Court/ District Courts websites through CSCs at village level Inaugurated



e-awareness of litigants/ advocates and general public regarding e-Courts services available on NJDG and High Court/ District Courts websites has been emphasized by the hon'ble e-Committee of Supreme Court of India. To achieve this objective, Hon'ble Shri S.J. Vazifdar, Chief Justice, Punjab & Haryana High Court, formally launched the services, which are to be made available to the masses through CSCs on 11th January 2018. The ceremony was attended by the Officers from Information & Technology and Rural Development and Panchayat Departments, Advocate General, Haryana, Addl. Advocate General, Punjab and Senior Standing Counsel, U.T. Chandigarh.

It is transpired that at present, 6,500, 5,500 and 22 Common Service Centres (CSCs) are functional in the States of Punjab, Haryana and U.T. Chandigarh, respectively which are providing 171 services including pertaining to Departments of Agriculture, Education, Electricity, Election, Finance, Industrial Train-



Hon'ble Shri Justice S. J. Vazifdar, Chief Justice, Punjab & Haryana High Court with Hon'ble Shri Justice Rajesh Bindal and Shri Yogender Kumar, Sr. TD, NIC, Haryana

ing and Vocational Education, Police, Public Health, Engineering etc. to the masses at the village level. These services are being provided by CSC e-Governance Services India Limited, a Govt. of India enterprise.

While informing the media, Hon'ble Shri Rajesh Bindal informed that from now onwards the litigants at village level would be able to view their case status/ order/ judgment at a nominal cost of 5/- and would be able to take print outs @ 2/- per page for which they have to either approach their Advocate/ Clerk or need to present to the High Court personally. This would facilitate the litigants in saving their valuable money and time.

-DEEPAK SAWANT, HARYANA

Inauguration of Revenue Court Case Monitoring System (RCCMS) of Government of Odisha



Shri Aditya Prasad Padhi, IAS, Chief Secretary, Odisha inaugurated the Revenue Court Case Monitoring System (RCCMS), developed by NIC, Bhubaneswar, on 27th February, 2018 in the Conference Hall of Revenue & Disaster Management Department, Govt. of Odisha.

RCCMS is a workflow based system covering the mutation cases along with appeal cases relating to land records. The Revenue courts of Tahasildar, Sub-Collector, Additional District Magistrate (ADM), Collector, Revenue Divisional Commissioner (RDC) and member, Board of Revenue have been provided access to the software. The status of the case starting from processing stages to final disposal is made available to the public.

Besides this, a booklet “e-Governance Initiatives by Revenue and DM Department” was also inaugurated by Chief Secretary on the occasion. The booklet covers ICT projects taken up by Revenue Departments such as e-Mutation, e-Registration, Dynamic Web Information System of Tahasils (DWIST), Document Management System (DMS), Revenue Court Case Monitoring System (RCCMS) and Manual of Tahasil Accounts (MTA). All the ICT projects mentioned above other than e-Reg-



Inauguration of RCCMS & Booklet on e-Governance initiative in Revenue and Disaster Management Department by Chief Secretary, Government of Odisha

istration are developed and rolled out by NIC, Odisha.

The Additional District Magistrates (ADMs), DIOs/ ADIOs/ DIAs of NIC District units along with Tahasildars and other District level officers have participated in the event through video conferencing.

During the inaugural speech, the Chief Secretary congratulated NIC Team for their valuable efforts. The Principal Secretary, Revenue & DM department, Dr. Chandra Shekhar Kumar, IAS, also appreciated the efforts of NIC, Odisha for successfully implementing the projects. He appreciated the contribution of DIOs in extending technical support at District and Tahsil levels.

– A. K. HOTA, ODISHA

Maharashtra Police Website Launched by Shri Devendra Fadnavis Hon'ble Chief Minister of Maharashtra



The new website of Maharashtra Police (<http://mahapolice.gov.in>) was launched by Shri Devendra Fadnavis on 2nd January, 2018 at the Maharashtra Police Head Quarters, Mumbai during the celebration of the 58th raising day ceremony. Hon'ble State Home

Minister, Vice Admiral, Indian Navy, Western Naval Command, Secretary(R) Government of India, Additional Chief Secretary, Home Department, Government of Maharashtra, Director General of Police, Maharashtra, other dignitaries, SIO Maharashtra and NIC Officials were invited on the occasion. Hon'ble Chief Minister and Director General of Police appreciated the role of National Informatics Centre, Maharashtra State Centre in computerization the program of Maharashtra Police.



Hon'ble CM of Maharashtra inaugurating the Maharashtra Police Website

NIC Maharashtra has provided technical assistance during the development, security audit and hosting in cloud environment.

– MOIZ HUSSAIN, MAHARASHTRA

e-State Office Online Services launched in Chandigarh Union Territory



e-State Office Online Services for UT Chandigarh (<https://chandigarh.gov.in>) was launched on 19th January, 2018 by His Excellency, Shri V.P. Singh Badnore, Governor of Punjab and Administrator UT Chandigarh. Also present on the occasion were Shri Ajit Balaji Joshi, IAS, DC, Chandigarh, Shri Manoj Khatri, AEO, Chandigarh alongwith the NIC team which has developed the Application.

Citizens can also avail the services at the e-Sampark Centres. Initially, services like Transfer on the basis of Sale Deed, Family Transfer Deed, Gift Deed and Permission to Mortgage in favour of nationalized/ scheduled banks will be provided to the people. To avail the services, an applicant (owner of the property) has to submit a request in the e-State office, either online or at the e-Sampark centre and upload the requisite form alongwith complete application file. Following this, the applicant shall



His Excellency, Shri V.P. Singh Badnore, Governor of Punjab and Administrator UT Chandigarh, launching the e-State Office Online Services

obtain a date and time for appointment in the e-State office in person alongwith the original documents as per the prescribed booklet. The request will be processed thereafter. In case of the applicant not turning up on the given date and time, then the request will be deemed declined automatically and the applicant will have to apply afresh. The files will be dealt on first come first served basis and a total of 25 appointment slots will be issued everyday.

– VIVEK VERMA, CHANDIGARH

Inauguration of DM-Dashboard at Bhadrak, Odisha



The DM-Dashboard was launched at Bhadrak, district of Odisha on 6th March, 2018. District Collector, Shri Gyan Das, IAS, launched the dashboard in the presence of all senior officers from district and representatives of media.

Shri Bijoy Mishra, DIO, Bhadrak welcoming all dignitaries informed that Bhadrak is going to be the second district of Odisha to launch the dashboard.

Delivering the introductory speech, Smt. Pratibha Singh, SIO, Odisha requested District Administration to identify relevant KPIs and datasets so that those can be integrated over the dashboard in a meaningful manner.

Inaugurating the Dashboard, Collector wished that the dashboard would provide information related to all projects in a single platform. This would facilitate District Administration not only to review projects at their level, but also to present any figure before the higher authorities using their tablet device or mobile phone. There is no need of carrying bunch of documents. Dependency of Collectors on other staffs to have any figure is also reduced by the process.

Smt. Sujata Das, Technical Director and Project Coordinator, demonstrated various features of the Dashboard. During discussion, Dr. A. K. Hota, Sr.TD & ASIO, focused that the



Dignitaries on Dais

effective use of dashboard depends upon right choice of key parameters (KPIs) and availability of updated data in the backend applications.

Shri Shyambhakta Mishra, OAS(S), Additional District Magistrate, Bhadrak offered Vote of Thanks. It was followed by interaction with the media. The event was widely covered by both print and electronic media.

– A. K. HOTA, ODISHA

Hon'ble PM, Shri Narendra Modi launches 'Nivesh Mitra'

During the inaugural session of UP investors summit on 21st February, 2018 at Lucknow, Hon'ble PM, Shri Narendra Modi launched the 'NIVESH MITRA' portal developed by NIC, Uttar Pradesh. Nivesh Mitra is a digital platform for clearance of projects through a single window system. With this, Uttar Pradesh has become the first State to come up with such initiative for the entrepreneurs who want to invest and set up industries in the State. It is integrated with 20 departments and facilitates 70 online services to the entrepreneurs.

The vision underlining the initiative is to strengthen the partnership between GoUP and investors by providing the relevant information and supporting the entrepreneurs in obtaining all the statutory clearances and approvals at a single point. It also seeks to redress the concerns and grievances of the business community by providing a common platform to all stakeholders (Departments, District Officials and Industrial Associations) for sorting out issues and hurdles within the fastest possible time-frame thus resulting in transformation of the State into the most sought after industrial hub across the Globe.

The Nivesh Mitra portal <http://niveshmitra.up.nic.in/> has developed by the NIC, UP with the active participation of Udyog Bandhu. It allows investors to apply online for project



Hon'ble Prime Minister during the Investors' Summit, Lucknow

clearances with no human interface or intervention. All activities have to be performed in a time-bound manner and are monitored at the highest levels, including the CM Office. The portal generates a Unique Reference Number of the proposal automatically after an Application has been submitted for various approvals. The complete tracking of the Application is done through this reference number.

The certificates and documents submitted are assessed by the respective departments which, if all is in order, have to clear the file digitally within stipulated period saving a lot of time and money required for travelling and submitting proposals for clearance.

-ANSHU ROHATGI, UTTAR PRADESH

e-Sathi Launched by Union Minister of E&IT, Shri Ravi Shankar Prasad and Shri Dinesh Sharma, Deputy Chief Minister, Uttar Pradesh

The e-Sathi Mobile Application was launched by Shri Ravi Shankar Prasad, Hon'ble Minister of Law & Justice and Electronics & Information Technology and Shri Dinesh Sharma, Deputy CM, Government of UP on 22nd February, 2018. It can be downloaded from Google Playstore as well as e-District portal (<http://edistrict.up.nic.in>).

NIC, Uttar Pradesh has designed and developed the e-Sathi, which works as the frontend Mobile App for availing the e-District services in the State. e-District is a 'Government-to-Citizen' initiative under Digital India which is extending government services at the door step of citizen, ranging from certificates, pensions, ration card, employment registration etc. Now, citizens need not to go anywhere for availing these e-District's services, but can avail them through e-Sathi App on their smart



Launch of e-Sathi, UP by Shri Ravi Shankar Prasad, Hon'ble Minister of E&IT and Law & Justice and Shri Dinesh Sharma, Deputy Chief Minister, Uttar Pradesh

phones anytime and anywhere. As of now, the Mobile App allows 30 services out of 135 being offered by e-District.

-ANSHU ROHATGI, UTTAR PRADESH