

Kerala State

Delivering E-governance to the Door Step

Edited by **REUBAN K**

NIC Kerala is playing a pivotal role in bringing IT close to the citizens with its ICT initiatives. It had a significant role in empowering the State Government during the COVID pandemic with the IT enabled services provided in mission mode. NIC has taken a remarkable advancement in mobile application development with various citizen centric services including National level Messaging App (SANDES). We also house National level mobile competency & Application Security centres.



Mohan Krishnan P V
Dy. Director General & SIO
mohan.pv@nic.in



M. Asir Edwin
Dy. Director General
asiredwin.m@nic.in



Gopakumar G.
Technical Director
kumar.gopa@nic.in

Kerala, popularly known as “God’s Own Country” is situated in the south-western end of the Indian subcontinent bordered by the states of Karnataka to the north and Tamil Nadu to the east and by the Arabian Sea to the south and west; it also surrounds Mahe, a segment of the UT of Puducherry. Kerala has the highest levels of literacy in India. Kerala is one of the emerging IT destinations and has made its presence with high IT literacy, grass root level internet connectivity in urban and rural area and its contribution of highly skilled IT professionals all over the world.

NIC Kerala State Unit was established in 1987. We have 14 district units, Data Centre, Network Operation Centre, NKN POP, Center of Competence for Mobile App Development established in Kannur district, Regional Centre of Excellence for Application Security (RCOEAS) established at Thiruvananthapuram. NIC was instrumental in bringing IT to the masses by undertaking major e-governance and citizen centric applications. It provides Gigabit connectivity to around 100 institutes in Kerala in addition to the Videoconferencing/ email/ Network/ Data Centre services.

ICT Initiatives in the State

PRICE (Project Information & Cost Estimation)

PRICE software is a revolutionary initiative of Government of Kerala which aims to unify the work methodology and rates across the state irrespective of Department and Organizations who use public money for infrastructure works. The enterprise version of PRICE application based on CPWD DSoR, incorporates all aspects of management of public works comprising of estimate preparation, RE, eBook and eBills. A Contractor portal is also available as part of the PRICE software system, in which contractors can login to view their works and do all work-related activities online including contractor license registration and renewals. It is implemented in all engineering departments of Kerala and at MCD.

NICDSign (A Cross-Platform, Browser-Independent Digital Signature Solution)

<https://nicdsign.kerala.nic.in>

The NICDSign is a cross-platform, browser independent solution for digital signature using PKCS#11 tokens. The NICDSign is a client-based solution where the DSC capabilities are installed in the client machine as a background service. The DSC Signing solution overcomes the problem of applet-based DSC solutions due to the lack of browser support. The solution is also



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NIC has been integral to eGovernance programs of Government of Kerala since beginning. The partnership of state government with NIC has deep foundation for successful and effective rolling out of projects including for eOffice, edistrict in Revenue Department applications, financial management & HR systems operational in Finance Department which are qualitatively supported by technical teams of NIC. We expect for enhanced technical strength of NIC Kerala to meet our growing requirements in the IT and e-governance landscape.

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BISHWANATH SINHA, IAS

Principal Secretary, IT
Government of Kerala

capable of signing PDF files with visible signature stamping in the document. NICDSign solution is supported in all the major operating systems viz Windows, Linux and macOS. The solution can be integrated by applications developed in Java, PHP and .NET, etc.

The digital signature also provides a viable solution for creating legally enforceable electronic records. An applet based digital signature solution was developed and integrated with web applications developed using various technologies.

Ente Jilla

“Ente Jilla” which means “My District” is a mobile Application designed and developed by NIC. The app was customized for the use of all the districts of Kerala. This app was launched by the Hon’ble Chief Minister of Kerala as part of the 100 days programme and included in the CM’s Priority projects. The concept is a very large whiteboard, which facilitates citizens to rate and review any office in the district based on their experience.



▲ Shri Pinarayi Vijayan, Hon'ble Chief Minister of Kerala inaugurating AIMS software and Mobile App



The objective is to improve the service delivery of the government right from its lowest level of establishment.

AIMS – Agriculture Information Management System

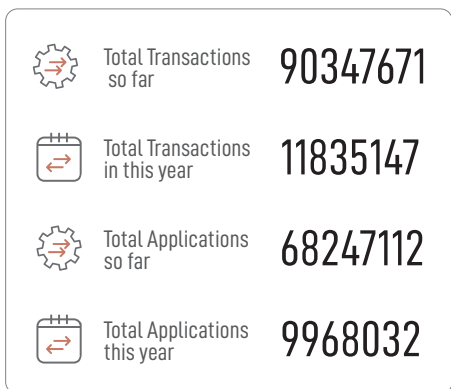
AIMS provide a single window facility for farmers to register themselves, declare land and crops being cultivated for availing various services from the Agriculture department without visiting the office. Based on this data, the farmer can submit online application for various services. Applications submitted by farmers will be processed by the concerned officials at Krishi Bhavan, Block, District and Directorate level offices and benefits will be transferred to eligible farmers using the Centralized DBT module of AIMS which is integrated with State Treasury.

Kerala Budget 2.0

Budget 2.0 is the software for preparing the Budget of the Kerala Government. The software manages activities like Budget Estimation, Preparation of Budget, Publishing Budget Documents, Additional Authorization, Supplementary Budget, Contingency Fund Management, Re-appropriation of Funds, Resumption, Regularization of Funds and Alteration Memorandum. Major functionalities are:

- The preparation of Budget by fixing of allotment for Demand, Revenue and Debt heads and the preparation of budget documents.
- Projection and analysis of non-Pan requirement
- Management of Post budget activities

▼ eDistrict transactions as on December 2021



- Linking of Scheme wise data received from planning board and preparation of Plan Budget
- Preparation of Five-Year Plan Accounts

Integrated Financial Management System (IFMS)

Integrated Financial Management System (IFMS) is one of the prestigious Projects of Government of Kerala undertaken by Finance Department and Treasury Department. IFMS Kerala has been conceived in-line with the Modernization of Treasury Systems, which is one of the MMPs of Government of India. IFMS envisages end-to-end integration system among various stakeholders such as Finance Department, Treasury Department, Administrative and Line Departments, Accountant General, RBI and Banks.

National Knowledge Network (NKN)

National Knowledge Network (NKN - ISMS ISO 27001:2013 certified.) Point of Presence (PoP) was set up at National Informatics Centre, CGO Complex, Thiruvananthapuram and was formally inaugurated on 20 May 2015 by then Principal Scientific Advisor (PSA) to the Government of India. All the 14 NIC district centres in Kerala are connected to this PoP through 1Gbps/ 100 Mbps/ 34 Mbps links through NKN/ NICNET approved service providers. 99 Research & Educational institutes are connected to NKN through 1 Gbps link or 100 Mbps link.

NICNET Services

Pan India communication network for Central and State Government departments, PSUs/ autonomous institutions. LAN/ WAN connectivity and Internet services and 24x7x365 support. NICNET Services extended to all NIC Centres, FCI, Secretariat BOI/ FRRO, RGI, DGDE, DOP, CPWD, CBI, Spices board, AG office, Planning Board, Coir Board, MPEDA, High Court, District Courts, Lakshadweep, etc. Around 239 WAN connections and 3000 LAN nodes across Kerala.

Web Hosting Services/ Cloud Services

NIC Kerala State Centre provides web hosting and Cloud services (VMware and Open Stack) to State and Central Government departments in Kerala. Services offered are Infrastructure as a service (IaaS), Application and Database fine tuning, Server Hardening, Backup & Restore, Co-Location Support, State Data Centre Support, NDC

– DR support, Load balancer for applications

Security Services

Securing Critical Government Cyber Infrastructure. VPN (IPsec and Web VPN) services are provided to the users. Perimeter Security – Firewall, IPS & UTM. End Point Security - Patch Management, Windows Software Update server and Antivirus solutions. Active directory implemented.

“NIC Kerala’s contribution in digitalising critical functions of Finance Department has been immense. A host of applications including Budget Estimation System (BEST), Budget preparation system (Bougette) Budget allocation and Monitoring System (BAMS), Core Treasury Information System (CoreTIS), e-Treasury, Bill Information Management System (BiMS), Core Treasury Savings Bank software (CoreTSB), Electronic Ledger Accounting Systems (eLAMS), Ways and means clearing system (WaMS), Bill Discounting system (BDS), SPARK (the HR and Payroll Management system for Govt of Kerala), EMILI, iSoft, Jeevan Rekha Software for biometric mustering of social welfare pensioners, GAIN PF, etc. have been developed and implemented successfully in the Department with the help of NIC. The above applications enabled the State Government to digitize the financial transactions in the State and integrate the same electronically with RBI, various banks and office of the Accountant General and other stake holders and ensured an end-to-end electronic flow of financial information. The Jeevan Rekha software enabled the State Government to eliminate large number of fake and duplicate beneficiaries from the pensioners’ data base and could save crores of rupees to the State Government. We are sure that NIC will continue to play a constructive and useful role in the future as well in enhancing efficiency of the Government’s services for the citizens of Kerala.”

RAJESH KUMAR SINGH, IAS
Additional Chief Secretary
Government of Kerala



▲ Inauguration of the State Election Commission Portal by Shri Arif Mohammed Khan, Hon'ble Governor of Kerala

Video Conference Services

NIC Kerala Video Conferencing Services facilitates Government departments for conducting meetings in a secured environment. Video Conferencing services are provided to Raj Bhawan, Secretariat, Office of the Chief Secretary of Kerala. NIC Kerala is also providing technical support and coordination to VCs conducted from The President House, PM Office, Central Ministers, Cabinet Secretary, and Ministries. VC Services are provided at 14 NIC Districts of Kerala. NIA Court Kochi regularly uses these services for hearing regularly.

Messaging Services

About 91,000 email accounts were created for officers and staff of State and Central Government departments in Kerala. NIC Delegated Admin Console has been set up for Kerala State IT

Mission, Secretariat, Niyamasabha. Paid services provided for Cochin Shipyard Ltd, KMRL Kochi, Spices board, Rubber Board, Coconut Board. Email Relay services provided.

COVID 19 Jagratha

<https://covid19jagratha.kerala.nic.in>

COVID 19 Jagratha information and management solution, conceptualized by District Administration and developed by the district is a simple and comprehensive pandemic



▲ Shri Mohan Krishnan P V, DDG & SIO receiving memento from Smt. Chinchu Rani, Hon'ble Minister for Dairy Development & Animal Husbandry

management solution covering all aspects of a known solution for management of COVID Outbreak in an integrated workflow. It focuses on the approach of safe travel, safe quarantining, real-time surveillance and Health monitoring, Contact Tracing and Treatment, Containment & Cluster zone Mapping, Human Resource Mobilization, Hospital & Ambulance management, Event & visitor registration as an integrated system of handling COVID 19 outbreak effectively. More than 2 lakhs eighty thousand active users and 4,23,21,788 user hits as of 06-12-2021.

Nammude Keralam Mobile App

Nammude Keralam Mobile App – an initiative by the District Administration Kozhikode with a vision to create a platform for the citizens to 'participate, co-design and co-create' in governance. Provision for the citizen to interact for effective delivery of services, implementation of programs and participation in decision making. It features citizen centric governance through prompt and effective service delivery, real time responsive administration thereby enhancing citizen experience. It also features Citizen Participation through Open governance, communicating information about departments and feedback, launching and participation in campaigns and discussion forums for citizens. Now it has been customized to roll out in the entire state of Kerala. Received Gold Award in District Governance Mobile Challenge (DGMC)

eDistrict Kerala (<https://edistrict.kerala.gov.in/>)

eDistrict is a mission mode project under NeGP with a vision to make Government Services accessible to the common man in his locality, through Common Service Centres (CSC) which are easily accessible or through public portal and respective offices and ensure efficiency, transparency & reliability of such services at affordable costs to realize the basic needs of common man. eDistrict Kerala went 'Go-Live' in December 2010 with 23 certificate services of revenue department in two districts. Now the

project is rolled out in all districts of Kerala with 49 services from different departments.

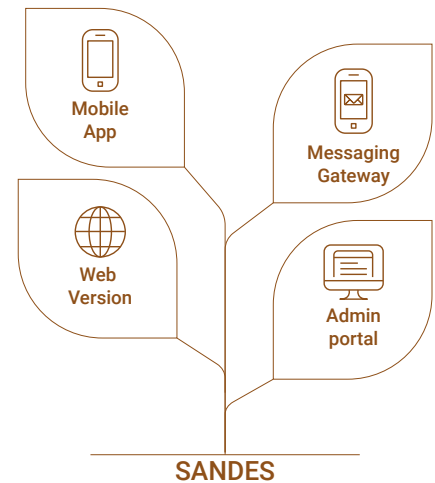
COMPOSE (<https://compose.kerala.gov.in>)

COMPOSE (Comprehensive Operations and Management of Presses Over Secure Environment) is an enterprise-wide total IT solution for the department of Printing, Government of Kerala. This covers all printing presses across the State, as well as all State government departments and agencies involved in publishing of Gazette in Kerala. e-Gazette Publication of Kerala Gazette was inaugurated by Hon. Chief Minister of Kerala Shri. Pinarayi Vijayan on 2nd October 2021. Gazette number 38 was published as the first online gazette which consists of notifications from different departments and citizens. All Extra Ordinary Gazettes (EOG) since then are published as e-Gazette using COMPOSE software.

SANDES

SANDES is an instant messaging platform developed for government and citizens. SANDES is managed by GIMS Division NIC Head Quatres and developed at NIC, Kerala State Centre. The development of SANDES (formerly GIMS) was kickstarted in July 2018. Since then, the SANDES development team in NIC Kerala was involved in the design, architecture and development of the platform consisting of the mobile app for both Android and iOS, web-based client, backend microservices, management portal and messaging gateway.

SANDES platform currently has 11.5 lakh registered users, with verified government users spanning 800+ offices across 180+ organizations



▲ SANDES Components

under 90+ ministries. A total of 4 Cr+ messages have been exchanged since inception.

Court Case Information System (CCIS)

Court Case related information system is developed for monitoring the cases pertaining to the Government, pending in various courts in Kerala. The details of cases are received from the office of the Advocate general and the same

is routed to the concerned department through CCIS. The system is integrated with the eoffice and the cases and any communication related to the cases are pushed to the related e-File in eoffice and all the noting, drafting and approvals are done in eoffice and while dispatching the final draft the same is sending to the Government pleader and the standing counsel concerned. The system is having dashboards through which the cases in various categories can be monitored. Department-wise dashboards and drill down reports are also available in the system.

PEARL SUITE (<https://keralaregistration.gov.in>)

PEARL (Package for Effective Administration of Registration Laws) Suite by the department of Registration offers an end-to-end integrated solution connecting all stakeholders enabling cashless, less paper, secure and transparent electronic mechanism for property registration in Kerala.

PEARL SUITE Services includes Property Registration, Certificate Services – Encumbrance, List Certificate & Certified Copy, Marriage Registration and marriage certificate, Electronic Endorsement, Model Document, Chit Registration, End-to-end Mortgage Filing and Release [Gehan], Under Valuation Management and Decision Support Systems.

Revenue Recovery Online Portal

(<http://rr.kerala.gov.in>) is a centralized, workflow driven, online automated web application aimed to computerize Revenue Recovery activities. The system enables online file movement from requisitioning authority to the different levels in Revenue hierarchy, transparently thereby empowering all stakeholders.

Services include Online Filing of Requisition, Revenue Recovery Certificate generation with DSC, Demand Notice generation, Demand Notice serving, Revenue Recovery Collections, Remittances, Stay/ installments granting, etc. Installation can be sanctioned by Minister/ District Collector/ Tahsildhar. ePayment of dues is allowed, integrated with the Revenue ePayment System.

SPARK

SPARK (Service and Payroll Administrative Repository for Kerala) is an integrated HR, Payroll and establishment accounts management system for all Government functionaries including legislature, Judiciary, executives, Schools and other educational institutions. It spreads across Grass root level offices like Village offices, schools, colleges, krishi Bhavans, Veterinary hospitals to higher level offices including Government Secretariat.

Objectives

- Digitization of Service Book of Employees
- A centralized database for HR, Payroll, establishment & Accounts matters
- Procedure linked; workflow-based HR activities/ Payroll works
- An integrated inter-operable data sharing system for e-Governance initiatives of Kerala

KSHEERASREE

This Portal is a bilingual interoperable collaborative system initially focused to on-board farmers, on-board schemes/ services and farmer registration life cycle activities. Eventually, the portal will be a comprehensive One-Stop-Shop for citizen related information and services. The main focus of the portal shall include Unique Smart ID to farmer, Real-time data capture of Sales and Procurement of Milk/ Cattle Feed/ Mineral Mixture/ other products, Quality based Milk Price Chart, Electronic Accounting System in Dairy Co-operatives, Automated Milk Quality Testing, On-time settlement Analysis & Reports, etc.

ReLIS (Revenue Land Information System)

This project is conceived as per the Digital India Land Records Modernization Programme (DILRMP) to computerize and update land records and to facilitate citizens to obtain all services online. The project also envisages the Revenue, Registration and Survey integration to do mutation online, pay tax online and issue Record

of Right to the needy landowners. Complete Land Records Management with interfaces for systems other than property registration such as Land Acquisition, Land Assignment, Relinquishment, Bought in Land, Court Decree, Legal Heirship, etc.

K-SWIFT

K-SWIFT (Kerala - Single Window Interface for Fast and Transparent Clearance) facilitates ease of doing business using ICT tools by integrating all the line departments using open API to bring under a common platform. Ease of Doing Business aims to create a single platform for providing the best support towards the prospective and existing business community in the state and drives forward the State's vision of prosperity for all by employing technology, innovation, inclusivity and sustainability as key factors for development.

Ration Card Management System (e-RCMS)

<https://civilsupplieskerala.gov.in>

A complete automated Ration Card Management System (RCMS) implemented in Kerala. Approximately 91 lakh ration cards have been digitized in the State with aadhaar seeding done for 97% NFSA cards. e-Services-RCMS consists of 19 services related to Ration Card



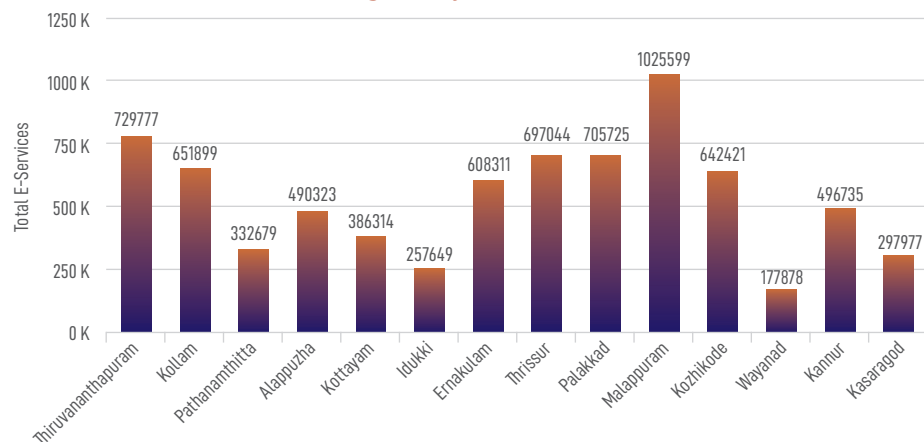
▲ Launch of Card type Ration card in Kerala by Hon'ble Minister of Food and Civil Supplies

Management System. Citizens can apply online through citizen portal or approach any Akshaya center for submitting the online application. Application is integrated with e-payment of Government Treasury site for remitting the service charges Ration cards records are also integrated with Digi Locker. One Nation One Ration Card scheme has been implemented in the State.

Kerala State Election Commission (KSEC)

This is an end-to-end system for KSEC. The election activities started with the preparation of the electoral roll. The Separate electoral roll is maintained by state election commissions for the local body elections. The portal has a provision to apply online for additions, corrections, transposition and deletion. The Electoral roll will be published before elections. The system includes preparation of election notifications, collection of nomination details, scrutiny, withdrawal, finalization candidates, randomization process for the posting of polling officials, mobile application for the collection

▼ Total eServices for Ration Card Management System (e-RCMS) till Dec 2021





▲ Inauguration of Online Gazette publication by Hon'ble Chief Minister Shri Pinarayi Vijayan

of hourly voter turnout & communication system, table-wise vote collection from counting centers during counting, results display system, declaration of result, update the bio-data of the elected members, election expenditure details collection and vacancy reporting.

Comprehensive System for Universities and Boards (CUBOS)

The system covers activities of universities and education boards. It includes Admission, Academics, Examination (Pre-Examination, Examination, and Post-Examination), Affiliation, and Co-curricular. There are portals, dashboards, and homepages for various categories of users. Employees, faculties, students, institutions are part of the system. There are seat management and configurable workflows. e-Services are part of this system. This is a configurable system and can be used for any university/ education board with minimum customization.

National / Regional Level Centres of Excellence

Mobile Application Development Competence Centre

One of the four Competence Centres for Mobile Application Development of NIC is established in Kannur, Kerala. The centre has started functioning since 2016. The centre now takes lead in empowering NIC Officers in mobile application development, mobile security and API security. The centre now provides consultancy service on design and development of mobile applications in native platforms as well as the hybrid platform - Flutter Framework. Competence Centre played a pivotal role in mentoring the State and District units of NIC during the DGMC and State Mobile Challenge 2021. This centre handles the Account for the iOS development subscription of NIC and is instrumental in iOS App consultancy services and its deployment.

Centre of Excellence for Application Security (CoE-AppSec)

Centre of Excellence for Application Security

(CoE-AppSec), Thiruvananthapuram, Kerala is one among 5 regional centres set up across India to augment the security of applications developed in the concerned region. It was setup in 2018 to speed up audit clearance and ensure quality and standard for various applications developed by NIC. The centre is responsible for security audit and vulnerability testing of applications from 6 states of South India Viz. Andhra Pradesh, Karnataka, Kerala, Puducherry, Tamil Nadu and Telangana.

Other Important Web Apps

- **REALCRAFT ver 2.0** : Web enabled workflow based online application system for issuing Registration Certificate (RC) Under MS (Merchant Shipping) Act and Fishing License Certificate (LC) to fishing vessels
- **Lab Diagnosis Management System (LDMS)** (labsys.health.kerala.gov.in): An online platform for data collection and reporting of COVID19 test results in the State
- **SAGARA** : Developed for ensuring fishermen security, focused on monitoring the movements of fishing vessels and registering the crews going for fishing operation
- **National Biodiversity Management System:** Unified web based interoperable collaborative & open-source framework application which facilitates LSG/ citizen to collect (decentralized), disseminate biodiversity data and generate PBR electronically
- **KCIS (Centralized Inspection System):** The Govt. of Kerala has undertaken several inspections related reforms, this is an online system to carry out all inspections on a single platform
- **LOTIS- Supply Chain Management Information System:** LOTIS - Lottery Information & Management System is a digital tool for Digital Transformation in State Lotteries Dept
- **UniSPARK/ G-SPARK:** SPARK has been customised and implemented for Universities in Kerala and Grant-in-aid institutions as a separate instance

- **Workflow System for RTI Second Appeal/ Complaint Petition for Kerala State Information Commission:** A web enabled solution for filing Appeal Petitions (AP) and Complaint Petitions (CP) online and subsequent workflow activities Website: <https://rti.sic.kerala.gov.in>
- **GAINPF (Government Aided Institutions Provident Fund):** PF activities of all Government Aided Institutions are brought under a single umbrella using GAINPF
- **VAHAN & SARATHI:** The Vahan & Sarathi Software developed by NIC HQ has automated all the processes at the RTO level thereby making the delivery of services faster and transparent
- **e-Challan:** Application comprising Android based mobile app and web interface for the purpose of providing a comprehensive solution for Transport Enforcement Officers and Traffic Policemen
- **e-Nidhi** (<https://enidhi.kerala.gov.in>): A web-based application (in LAPP platform) for streamlining the core activities of Kerala Toddy Workers Welfare Fund Board (KTWWFB)
- **Effective Monitoring of Letter of Credit Issuance (EMLI):** Developed for Finance Department for automating the Issuance of Letter of Credit (LoC) based on the bills submitted by various division/ sub division offices of work executing departments
- **Bill Discounting System (BDS):** This facilitates the contractors to get their bills cleared in a discounted rate on priority and with assurance. Work executing contractors can opt their bills to process through BDS
- **Campus*Suite** (<https://dme-ecampus.ac.in>) : A workflow-based application for catering all needs of an academic institution having class room studies and clinical postings
- **Computerization of Industrial Tribunals, Kerala (KITS)** (<https://kits.kerala.gov.in>) : Main objective of KITS is to handle various industrial disputes related to employer and employees
- **AVAKASAM** (avakasham.kerala.gov.in) : Developed during LAC Election 2021 to monitor Postal ballot distribution
- **Oxygen Demand Supply Chain Management Portal** : A Comprehensive Total Oxygen Management Solution to handle the oxygen supply in real time. This is used to monitor the supply of oxygen and to effectively handle emergency situations at various government and private hospitals treating COVID 19 patients
- **NEO CRADLE** (<https://neocradle.kerala.gov.in>) : A comprehensive Newborn Care Management System is an initiative of NHM Kozhikode
- **DELTA – Delivering end-to-end Land Transaction for Acquisition – Revenue Department:** DELTA aims to enable government to acquire land for public purposes from people offering compensations as per Kerala Land Acquisition Act

- **Online Scholarship Management System** : Facilitate various governing bodies for an efficient, foolproof system to enable the students for applying online, and the selection of the eligible students up to the disbursement of scholarship to their bank accounts

- **Kerala Service through Service Plus** : ServicePlus (<https://serviceonline.gov.in>) is a metadata-based e-Service delivery Framework which is built on LowCode-NoCode (LCNC) architecture

- **PG Portals for LSGD & Civil Supplies department of Kerala** - (<http://pg.civilsupplieskerala.gov.in>, <https://pglsgd.kerala.gov.in>) : Public Grievance Portal for Food & Civil Supplies and Local Self Government Department is an online grievance monitoring and redressal system

- **Digital Payment System** : Developed for Directorate of Technical Education and Directorate of Collegiate Education. The portal caters the students and institutions to pay students' fees towards Government, Universities as well as Institutions

- **eOffice** : eOffice is a Digital workplace solution for Government Offices. It automates the entire work flow of file processing starting from Tapal creation, File Creation, File processing and issuing orders from the file

- **TREND - Election Result dissemination system** : Kerala state election department implemented the TREND system as the source of data for the media centres, visual & Print media and web

- **e-Employment Exchange System** : The total computerization of employment exchanges, Job portal & Job fest

- **SECURE (Software for Estimate Calculation Using Rural rates for Employment) for MGNREGA Works** (<http://secure.nic.in>): SECURE is a workflow based application for creating estimates for MGNREGA works and according AS/ TS

- **BIOMIS** : BIOMIS is a unified web based interoperable collaborative & open-source framework application which facilitates LSG/ citizen to collect (decentralized), disseminate biodiversity data and generate PBR electronically

- **FIMS - Fishery Information Management System** : A single window facility for fishermen to register themselves and submit application for availing various services from Fisheries Department

- **Online Treasury Savings Bank** - (<https://tsbonline.kerala.gov.in>) : Core Banking System for Treasury Savings Bank Account holders

- **Pensioner's Portal** - (<https://pension.treasury.kerala.gov.in>) : Information and service portal for Pensioners

Other Important Mobile Apps

- **SELF** : A work flow based integrated system, integrated with ReALCRAFT, FIMS, SAGARA to streamline the fuel card distribution to the

Accolades

Award Name	Project Name	Category	Year
18th CSI SIG e-Governance Special Recognition Award	Covid19Jagratha	Local Government project Category	2020
Gems Digital India Award	Covid19Jagratha	Analyst's Choice	2020
Gold Award	Nammude Kozhikode Mobile App	District Governance Mobile Challenge (DGMC)	2021
CSI SIG e-Governance awards 2020	eDistrict	Award of appreciation under sustenance category	2020
CSI SIG e-Governance Awards of Appreciation	eDistrict	Sustenance Category	2021
18th CSI SIG e-Governance Awards	SPARK	Award of recognition (state government projects)	2020
CSI SIG eGovernance	RealCraft	Awards of Appreciation under Sustenance Category	2021

registered vessel owners and fuel distribution to the valid fuel permit holders

- **Revenue eServices & Mobile App** : Mobile app for all the revenue services

- **SAGARA Mobile Application** : To help the Fisheries Department to keep an up-to-date entry and exit of vessels and fishermen venturing in to the sea

- **AIMS Mobile App** : Facilitates the farmers to submit application for different schemes being implemented by the Agriculture department and also to avail the benefits without visiting the office

- **mSevanam Mobile App** : Platform to avail all online services offering from various government departments under a single umbrella

- **Ente Ration Card ('My Ration Card')** : Rendering all services available on the web based e-RCMS application made available for card holders

- **Poll Manager Mobile App and Poll Manager Dashboard** : Comprehensive election communication system. This android app along with Poll Manager dashboard is used for capturing the Voter Turnout online and their data management

- **TSB Mobile App** : Online Treasury Savings Bank - Core Banking System for Treasury Savings Bank Account holders

- **Pensioner's Mobile App** : Information and service portal for Pensioners

Visit of VIPs to NIC State Office or NIC Events

Hon'ble Minister of State for Skill Development

and Entrepreneurship and Electronics and Information Technology, Govt. of India, Shri Rajeev Chandrasekhar during his visit to Thiruvananthapuram on 13th November 2021 took a review of SANDES, the Instant Messaging System. SIO Kerala apprised the status and the Hon. Minister asked NIC to increase the footprint of SANDES by proliferation within and outside Government. Minister advised to focus on adoption of SANDES.

Way Forward

NIC Kerala look forward to continuing the engagements with the State in its efforts to make Kerala a 100 percent ICT enabled state fulfilling the vision of Digital India Initiative. Leveraging on latest technologies and adoption of emerging ICT advancements for the advantage of eGovernance will make the mission possible. Focus on capacity building and technology update of NIC manpower will contribute to the better and fast delivery of solutions in the ICT arena of the State. Cyber Security and Blockchain will be the focus area. Migration of legacy application to the latest technology with Microservices, common API Gateway and mobile first approach will take us to the desired goal.

Contact for more details

State Informatics Officer
NIC Kerala State Centre, CDAC Building, Vellayambalam
Thiruvananthapuram, Kerala - 695 033
Email: sio-ker@nic.in, Phone: 0471-2729894