NATIONAL INFORMATICS CENTRE
Kerala State Centre
CSI SIG eGovernance Awards 2019
17th January 2020

Computer Society of India (CSI) has implemented the concept of **Special Interest Groups** to promote activities and research in few focused areas. Special Interest Group on e-Governance (SIG eGov) has been formed accordingly. CSI is the only professional society covering individual user / Citizens as members and is most appropriately suited to focus and add significant value to the successful implementation of the e-Governance initiative in our country. Every year, CSI conducts rigorous procedures and field surveys and studies and identify / appreciate / recognize various e-Governance and related projects across the country.

From NIC Kerala, 14 projects were forwarded for CSI awards and five of the projects were selected for the Final round. In the final round, three major projects form NIC Kerala bagged were selected for the CSI SIG awards.

CSI SIG eGovernance Awards 2019 for different categories were distributed to the winners on 17th January 2020 during the 53rd CSI annual convention at the KIIT, Bhubaneswar, Odisha. NIC Kerala bagged the following three awards from CSI this year:

- ✓ **Public Distribution System – End-to-End Computerization** project of NIC Kerala bagged the prestigious CSI SIG Award for **Excellence**.

- ✓ **KSWIFT – Ease of Doing Business System** - bagged the CSI SIG award of **Appreciation**.

- ✓ **PEARL** - **Package for Effective Administration of Registration Laws** – bagged the CSI SIG award for **Recognition**.

Photo: Shri. T Mohana Dhas, DDG & SIO Kerala along with Shri. Ajith Brahmanandan, Scientist F, Smt. Kasthuri M, Scientist F, Smt. Bindu Sunil Kumar, Scientist F, Smt. Shatti Raj, Scientist E along with the Officials from the respective Departments during the Award Ceremony.

Photo: Dignitaries during the CSI SIG Awards 2019 Ceremony.

CSI SIG eGovernance Awards 2019 from NIC Kerala:

1. KSWIFT (Ease of Doing Business)

Kerala - Single Window Interface for Fast and Transparent Clearance (K-SWIFT) for doing ease of doing business using ICT tools by integrating all the line departments using open API to bring under common platform.

It is an unified integrated platform for entrepreneurs to apply for all requisite clearances to start industry without any procedural delays in getting statutory clearances from various authorities concerned throughout the life cycle of projects.

Photo: Shri. T Mohana Dhas, DDG & SIO Kerala along with Smt. Kasthuri M, Scientist F receiving the award for KSWIFT Project.
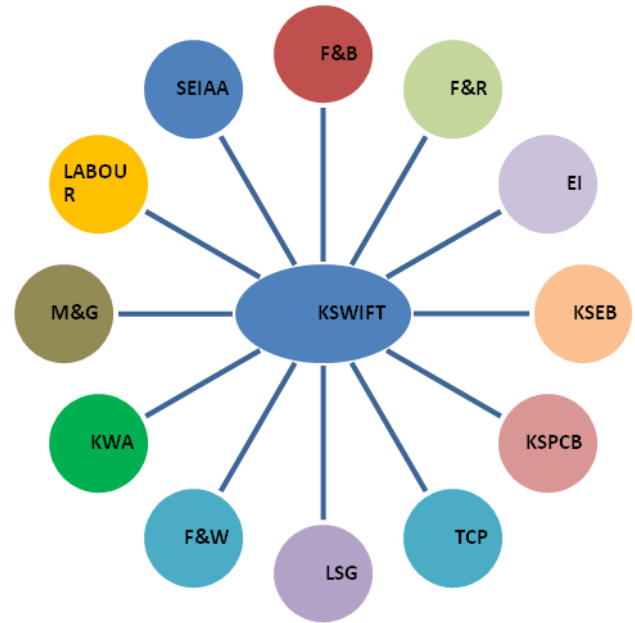
Benefits

- ✓ Know your clearances
- ✓ Online submission through CAF
- ✓ One time document submission with CAF
- ✓ Advisory in start of each stage
- ✓ Multiple statutory payments in one go through Online Payment Gateway
- ✓ Paperless filling, Online processing
- ✓ Cash less, paperless, contactless
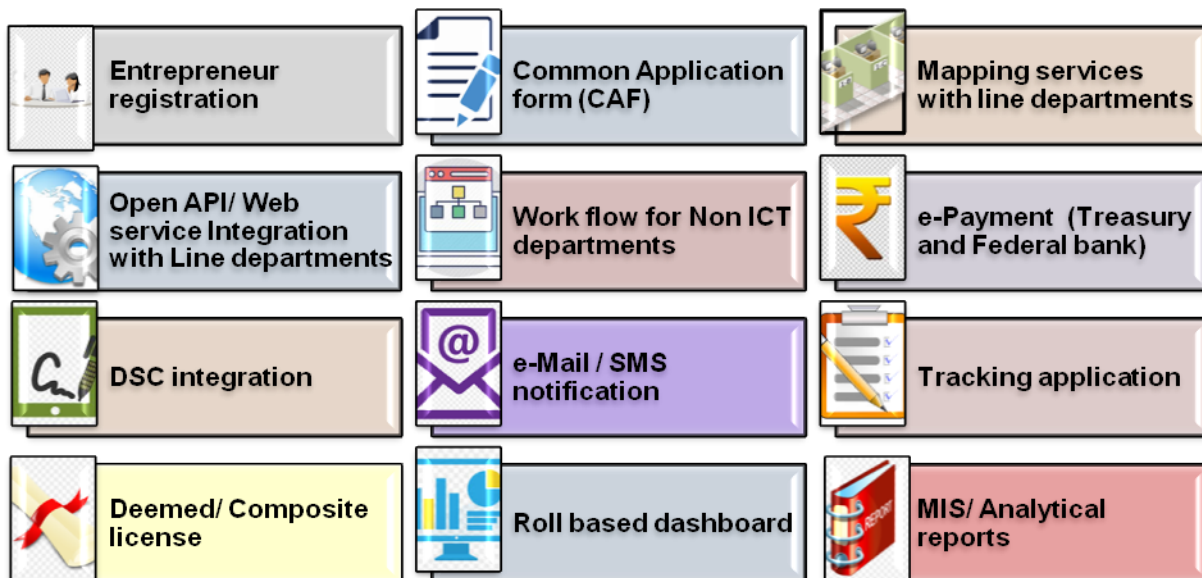- ✓ Single Level of approval

Objectives

- **Single Point Contact for Entrepreneurs across multiple departments**
- **One Stop repository for all Govt. notifications for Investors / Entrepreneurs**
- **Common Application form (CAF)**
- **Eliminating multiple point of contacts**
- **Automated Fees calculation by the System against each Service.**
- **Payment gateway integration**
- **Real time notifications and Alerts via e-mail, SMS & Dash board.**
- **Online tracking of Applications**
- **Grant of clearances in parallel**
- **Approval within fixed Time limit**
- **Deemed approval**
- **Downloadable Digital Approvals**
- **Digital Composite License binding all the Departments**

Integrated Departments & Agencies

The following departments and agencies are integrated with KSWIFT: F&B, F&R, EI, KSEB, KSPCB, TCP, LSG, F&W, KWA, M&G, LABOUR, SEIAA.

Functionalities

- Entrepreneur registration
- Common Application form (CAF)
- Mapping services with line departments
- Open API/ Web service Integration with Line departments
- Work flow for Non ICT departments
- e-Payment (Treasury and Federal bank)
- DSC integration
- e-Mail / SMS notification
- Tracking application
- Deemed/ Composite license
- Roll based dashboard
- MIS/ Analytical reports

2. End to End Computerization of Public Distribution System

End to End computerization of Public Distribution System has radically transformed the rationing system in Kerala into a more efficient and transparent one in a short span. The State has implemented foolproof arrangements for the identification of the poor for delivery of food grains and for its distribution in a transparent and accountable manner at FPS level and enabled to avoid pilferage and corruption of ration commodities.

Photo: Shri. T Mohana Dhas, DDG & SIO Kerala along with Shri. Ajith Brahmanandan, Scientist F and Smt. Shatti Raj, Scientist E receiving the award for ePDS Project.

End-to-End Computerization comprises of 5 components as follows:-

i. Digitization of beneficiary database:- 100 % Ration Cards in the state digitized. Ranking software implemented for categorizing ration cards into four types based on socio-economic indicators. e-Services for Ration cards introduced for 21 Services.

ii. Supply chain Automation & online allocation:- Online allocation and computerization of Supply Chain Management for delivery of PDS commodities from FCI depots to ARDs.

iii. Automation of Fair Price shops:- Introduction of ADHAAR enabled POS machine in all the 14292 shops for distribution of ration commodities.

iv.   Grievance Redressal mechanism: - Facility to register complaints online, centralized processing, category based routing of all the complaints to the concerned authority and convenience to the authority in grievance redressal.

v.   Transparency portal:- One point access to all information related to the department.

3. Package for Effective Administration of Registration Laws (PEARL) Project

PEARL provides an end to end integrated application for property registration with e-Stamping, e-Payment, online transfer of revenue registry data for land mutation and online delivery of digitally signed certificate services.

Photo: Shri. T Mohana Dhas, DDG & SIO Kerala along with Smt. Bindu Sunil Kumar, Scientist F and Smt. Saramma Varghese, Scientist E receiving the award for PEARL Project.

Core Services

- Property Registration
- Certificate Services – Encumbrance, List Certificate
- Certified Copy
- Marriage Registration and certificate
- e-Payment
- e-Stamping with e-Treasury as CRA
- Model Document

- Chit Registration
- Mortgage Filing and Release
- Under Valuation with Revenue Recovery
- Maintenance of Accounts and registers
- Governance Reports for decision making

Stakeholders

- General Public
- Advocates and doc. writers
- Banks/Co-operative societies
- Registration Department
- Taxes Department
- Finance
- Stamp vendors and scribes
- Dept. of Survey and Land Records
- Department of Revenue
- Industries Department
- KSFE, KIIFB

Statistics 2018-19

Service Count - Daily Average	Service Count - Annual Actual	Revenue - Annual
Encumbrance Certificates 10,000	Encumbrance Certificates 25,74,883	Encumbrance Certificates Rs. 47.86 Crores
Document Registrations 3500	Document Registrations 8,78,294	Document Registrations Rs.3,468.86 Crores
Certified Copies 2300	Certified Copies 5,69,635	Certified Copies Rs.19.13 Crores
Marriage Registration 33	Marriage Registration 11,000	Marriage Registration Rs. 1.7 Crores
Online Pokkuvaravu [Mutation] 3400	Online Pokkuvaravu [Mutation] 9,39,606	Online Pokkuvaravu [Mutation] Rs. 3.31 Crores

API/Web service based Integration Services

- e-Treasury as payment gateway for all government remittances enabled through 65 nationalized banks - Net banking, Credit/debit Cards, Rupay, UPI card & e-POS
- e-Treasury as CRA (Central Record Keeping Agency) for e-Stamping
- Revenue Land Information System 'ReLIS' – for facilitating mutation after property registration
- KSWIFT for industries Department for ease of doing business
- CORAL Chitty Online Registration And Liaison - for Domestic Chits and KSFE-NRI Chits under KIIFB project
- RR Online for Revenue Recovery of under valuation cases
- Fair value portal for land value
- Bhunaksha – Field Measurement Book [Survey Sketch] on land mutation
- UNNATHI CM Portal & DARPAN DM Portal and e-Taal – for service delivery statistics and dashboard services

Photo: Shri. T Mohana Dhas, DDG & SIO Kerala along with NIC Team during the Award Ceremony.

NIC Kerala

****