INFORMATION KERALA MISSION

(an autonomous Institution under the Local Self Government Department, Govt. of Kerala)

ACTIVITY REPORT 2014-15

Activity Report April 2014- March 2015

CONTENTS

INTRODUCTION

Information Kerala Mission is a pioneering e-governance project set up by the Government of Kerala for implementing the computerisation activities of the Local Self Government Institutions of Kerala. As per the G.O(Rt)No.343/2012/LSGD dated 22/12/2012, on 10th February 2014, IKM was registered as an autonomous body under the Travancore - Cochin Literary, Scientific and Charitable Societies Registration Act, 1955. With registering as a Society, all e-governance programs of the Mission Group namely, developing software for efficient and responsive systems for smart governance and improving public service delivery with comprehensive citizen interface covering various activities of the Local Self Governments shall now on be carried out by the IKM Society.

Application Software Development

In the domain of e-governance IKM has developed the following software applications which are under various stages of roll out.

- Online birth, death registration through the Hospital Kiosk
- Online birth/death/ marriage registration & certificate issue
- e-filing of common marriage through Akshaya, internet kiosks, personal computer etc.
- Birth, death and marriage certificates of all local bodies of Kerala for public access through web-based services
- Registration clock for online count of birth/death registration
- Accrual based double entry accounting application
- Formulation, expenditure tracking, monitoring of annual plans
- Workflow application handling file tracking over web, eSMS integration, grievance handling
- Disbursement of social welfare pensions with eMo integration and Direct Beneficiary Transfer using CPSMS platform of Govt. of India
- Capture details tax payee, demand and e-payment of property tax based on demand note through payment gateway through debit card/credit card and internet banking
- Linkages for property tax payment through FRIENDS, SPARSH, Akshaya and India Post
- Preparation of estimate of work and cost estimation
- Online processing and issuing building permit
- PF legacy details of Municipal and Panchayat employees with provision for credit card, PF statements and report
- Preparation of agenda notes and minutes of meetings
- Web site of Local Self Government
- Website for the 1209 local bodies of Kerala
- Cadastral information based maps and asset Register

- Preparation of payroll of employees and establishment
- Personnel database linked to service book including leave particulars, service matters, disciplinary issues, promotion etc.
- Asset management system
- Encyclopaedia of Acts, Rules, Court Orders, G.O's
- "Samagra" which facilitate e-governance services offered by LSGs through mobile

m-Governance

- Facility for sending SMS on registering the birth/death/marriage
- Facility for sending the SMS on payment of property tax through e-payment gateway
- Facility for reminding the parents of the immunization schedule of the new born.
- Status of file information to the public through SMS
- SMS facility for user registration, site verification, application rejection and demand in permit fee.

2.1 Decentralised Planning (Sulekha)

The plan monitoring system is a comprehensive e-governance initiative for effective real time formulation, approval and expenditure tracking process of the Five Year Plan projects of Local Self Government Institutions. The planning and accounting software were integrated for online expenditure tracking. Implementation status of projects through the software is as follows:

Financial year	Projects formulated	Outlay (lakhs)	Projects approved	Total outlay of Approved Projects(Lakhs)
2014 -15	2,45,415 projects	1308007.01	2,22,861	1191772.03

Sulekha is synchronized with other applications developed and deployed by IKM. It syncs with applications that perform functions like accounting (Saankhya) for expenditure tracking and proposed to sync with cost estimation (Sugama), revenue and licensing (Sanchaya), workflows (Soochika) and council agenda and minutes (Sakarma), thereby effectively combining various aspects of the planning process. The application generates various graphs and charts for analysis and decision support online. The expenditure details of all LSGIs are made available in the website in order to facilitate better decision support system.

Project List as derived from the software

As the Sulekha software is web based and integrated with the financial application (Saankhya), the decision making authorities can access the plan expenditure data online and make mid-course correction if required. During the 2014 -15 financial year, 2,22,861 projects with an outlay of 1191772.03 lakhs were approved. In the period under consideration, the following activities were carried out:

- Revision new projects process completion validation before send for approval
- CTP and DTP User Management (KMBR Application)
- Reports for DPOs for performance study
- Implementing officer wise status displayed
- Six new reports in Implementing officer Reports menu
- Plan plus Sulekha Integration Initiatives
- Video Conference with NIC Delhi
- Unauthorised Project and expense entry provision given
- Approver pending projects return facility in Secretary login
- OBCorrection enabled
- Statewise, Districtwise, LBTypewise reports (20 reports) provision in Official login
- Economic Review and other reports for planning board and various departments
- Application modifications as per CC decisions and user requirements
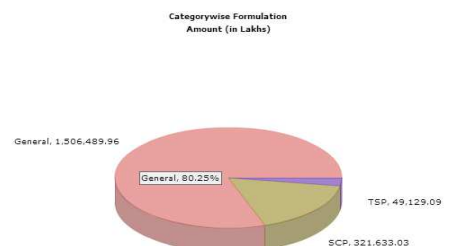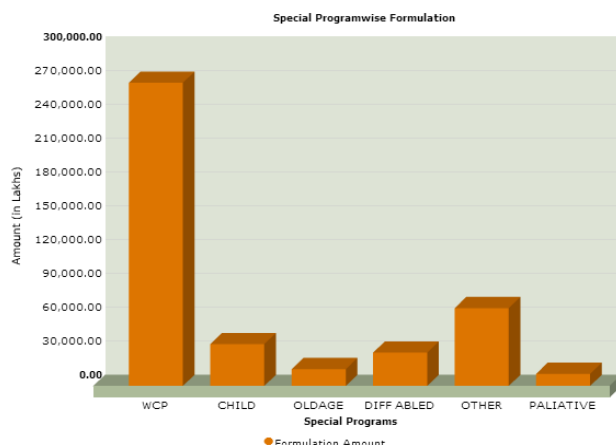
2.2 CIVIL REGISTRATION (SEVANA)

The registration of birth, death and marriage (Marriages under Hindu Marriage Act and Marriages under common Marriage Rule) and related functions is one of the mandatory functions of the local governments in Kerala. 99.9 percent of the current events of birth, death and still birth are registered electronically. Citizens can access and download certificates from data centre within 24 hours of registration form the website.

The registrations under Common Marriage Rule is done using the software application in all Corporations, 60 Municipalities and 977 Grama Panchayats. Total registration units covered for common marriage are 1042. Common Marriage e-filing facility has been deployed in 978 Grama Panchayats and 63 urban local bodies as on March 2014.

Information regarding statistical and legal aspects is utilized by Department of Economics and Statistics (Additional Chief Registrar) for furnishing reports to Registrar General of India. The process of converting manual registers of birth, death and marriages to electronic form are progressing fast and the work is expected to be completed within couple of months. Once completed, Kerala would be first State in the Country to have access to the Government approved online birth/death/marriage certificate.

Along with registration details, Information Kerala Mission has developed a facility to capture mobile number of parents/guardians of the new born, and to issue SMS alerts on registration and reminding the parents on due dates of immunization. Once the registration data reaches the State Data Centre, the SMS immunization alerts would be sent automatically to the mobile number of the parent on due dates. The details of SMS send can also be counted and accounted. A MOU was signed with the National Rural Health Mission for the successful implementation of the project.

During the period under consideration the following activities were carried out:

Support to all local bodies (1044) - (978 Grama Panchayats, 60 Municipalities and 5 Municipal Corporations 1 Cantonment).

- Provision to print Vaccination Schedule while search birth data in web application
- Login for NORKA in **http://cr.lsgkerala.gov.in/** - for certificate verification
- Provided login for MalabarCancer Centre in website **http://cr.lsgkerala.gov.in/** to view the death cause details.
- Login for SHSRC in Web module.
- Login for 14 DDPs in Web Module.
- Login for health Department.
- Latest Sevana Common PDE 9.0.7 released to provide option to edit Book details in Registrar Login after starting data entry.
- Provide user name and password for DTO through their registered mail Id to login in cr site to view version status, hospital master editing details of local bodies in corresponding district.
- HK Web service broad band version 1.0.2 released

- New Dll for New user creation.
- Provided login for Executive Director, IKM in website **http://cr.lsgkerala.gov.in/** to view web updation and version details of all local bodies.
- Provided login for Group Director, IKM in website **http://cr.lsgkerala.gov.in/** to view web updation and version details of all local bodies.
- Provided login for Implementation Department, IKM in website **http://cr.lsgkerala.gov.in/** to view the sms amount details of all local bodies.
- Provided login for Implementation Department separated to 3 for gramapanchayath,Municipality and Corporation, IKM in website **http://cr.lsgkerala.gov.in/** to view the sms amount details of all local bodies.
- Provided login for Project Mangers to view SMS details view.
- User modified version of Sevanakiosk PDE -6.6.0 released.
- User modified version of Marriage kiosk PDE -9.0.8 released.
- User modified version of Admin PDE released.
- patch consolidation and script runner application released for user modified application.
- User modified SevanaAdmin module application modification based on test result from testing team.
- Module version 9.4.0 released
- Marriage Kiosk version 1.4.3 released.
- SevanaLBKiosk version 5.9.5 released.
- Webservice version 1.0.3 released.
- Gateway 6.0.0 modification based on test result from testing team.
- After verification new masters (Post Office, Townlocal, Village) were updated to the field and in central server as per the requirement from the LB.
- Given replies to the mails (from the public) which is forwarded from Panchayath Directorate
- Registration Clock for the state was updated on daily basis in the website (**http://cr.lsgkerala.gov.in/**) as per the LBRegistration.
- Module version 9.4.1 released.
- User modified version of Marriagekiosk PDE -9.0.9 released.
- Hindu marriage and common marriage data handover to TCS.
- DDP Module presentation.
- Annual Report available on Chief Registrar Login on **http://cr.lsgkerala.gov.in/**
- In certificate search portion on **http://cr.lsgkerala.gov.in/** - Total available records shown against each registration year
- Sevanakiosk PDE 6.6.1 released.
- Module application version 9.4.2 released.
- SevanaLBkiosk Version 5.9.6 released.
- Sevanawebservice version 1.0.5 released.
- Common marriage malayalam Webservice released.
- Common marriage malayalam certificates in website released.
- Monthly report on Chief Registrar Login in **http://cr.lsgkerala.gov.in/**
- Common marriage porting – bookid mismatching – common utility released.
- Kochi corporation remaining past data handover to TCS based on given Discrepancy list from TCS

- Marriage kiosk exe 1.4.4 given for testing.
- Annual report Modified version given for testing.
- Module version 9.4.4 released.
- Web service version 1.0.7 released.
- Admin pde version 6.6.2 released.
- DDP Login Modified based on new updates in Annual Report.
- Old Certificate Exe modifications.
- Chief Registrar Login modified based on new updates in Annual Report.
- Module version 9.4.5 released.
- Web service version 1.0.8 released
- Pages related to birth, death and marriage search page for Surekha Website added in www.cr.lsgkerala.gov.in.
- Quick Search options included in **www.cr.lsgkerala.gov.in**.
- 5 More Services added for etaal.
- Etaal Data updation webservice hosted for Sevana Pension and Sanchaya applications.

immunization alert	6,76,183SMS
registration alert	4,65,303SMS
Birth Certificates	14,75,787
Death certificates	2,40,060
Marriage Certificates	2,37,724
Common-Marriage e-filing	2,25,790

Statistics on the data utilization
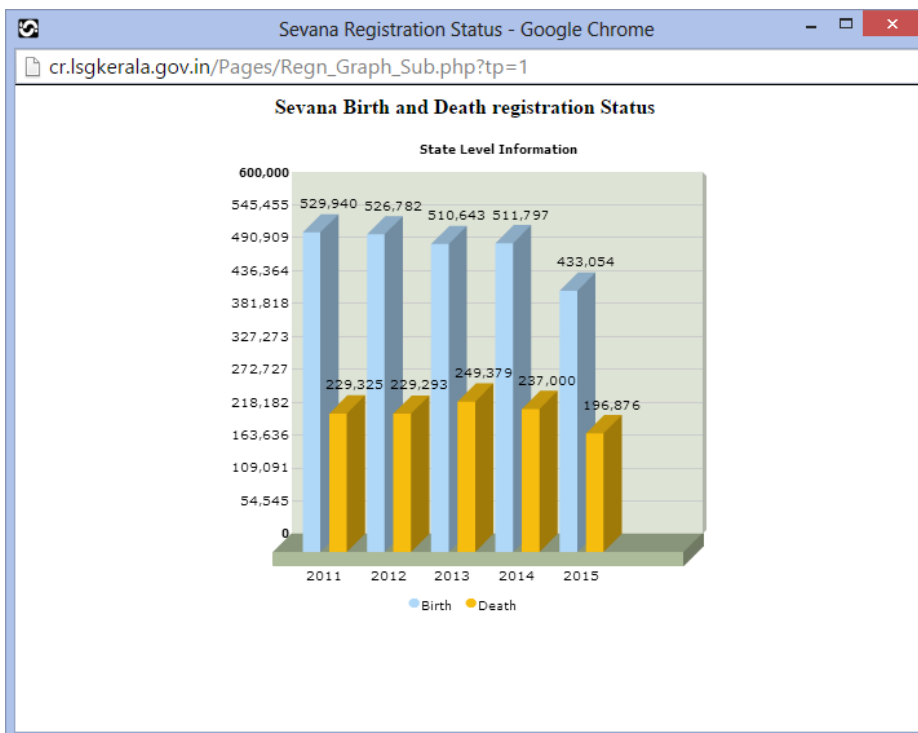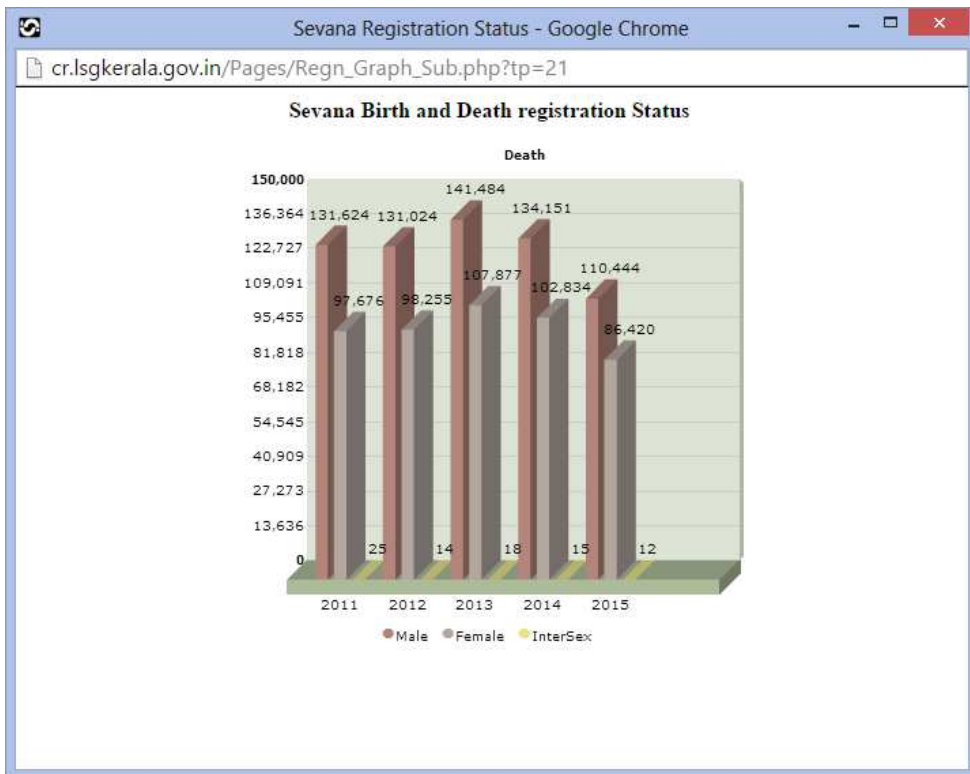
2.3 Social Welfare Pensions (Sevana Pension)

1. Incorporation of the pension distribution through CPSMS platform based on the guidelines from Government.

2. Excel download/upload of details to CPSMS web site (includes pensioners details for verification, modification, status changes, disbursement details, rejection details etc)
3. Excel download of error list to Local body staff .
4. Generation and uploading of digitally signed bill for disbursement by LB Secretary to Director of Panchayats .
5. Consolidation of Bill and submission of request to Finance department by Director of Panchayats after verification by DBT Cell .
6. Approval of requisition, Reports etc for Finance module .
7. Generation of digital files for disbursement of pension through CPSMS and E-Money order.
8. Management of rejection and accepted details and fund transfer status to Local body module.
9. Data Sharing with National Social Assistance Programme.
10. Modification in online application for new reports, bug fixing etc.
11. Data correction for Local body on the basis of Local Body request.
12. Pilot implementation of DBT for 3 LB's (one rupee transaction).
13. Update NSAPID for Updated pensioner.
14. Utility for generating pensioners data in access file for NSAP Database.
15. Database correction on the basis of Local body request (Incorrect process in Local body)
16. Reports generated for NSAP.
17. 15 lakhs pensions data uploaded in NSAP Database.
18. Reports generated for Goverment for DBT meeting.
19. Trivandrum district DBT First trail run.
20. Sevanapension web application design and coding.
21. Xml file generaration for postoffice, Bank, emo account verification.
22. Two Build for Sevanapension LB module (New process,reports and modification based on DBT)
23. Trail run completed and Process data for trivandrum district pension amount transfer through DBT.
24. Fund request Report for DBT.
25. Trivandrum district DBT second trail run.

2.4 Accrual Based Double Entry Accounting (Saankhya)

Saankhya is operational in all the 1209 LSGs. An adalath was organized at Head quarters to resolve pending issues in Local Body accounting process, operated through Saankhya. Pending issues in 14 districts have been solved successfully.

NEW FEATRUES AND MODIFICATIONS

- Saankhya Adalath
- AFS closing balance process to web
- Web consolidated reports,
- ACR related modifications
- Saankhya Integration with PriaSoft
- Zonal Integration

- AFS Report Modification
- Reverse process Modifications

2.5   File Tracking/ Grievance Redressal (Soochika):

Soochika (Front Office)

- Sevana Subtype wise Enclosure list and delivery date in both Saankya and front office EXE
- Sevana Subtype wise Delivery Date and Holiday checking in both Saankya and front office EXE

Soochika (Back end)

- Enable Paperless office version
- Templates added to the existing Soochika application deployed in localbodies.
- Synchronization Module => from Local body to Web and Web to Local body
- Web service for providing a Inward No from local bodies to other applications having online services.
- Webservices for data sharing among applications.
- Ack slip with more data like Inward User name and Seat in both portion.
- SMS –for the documents to be produced automated linked with citizen chart
- Secure Document attachment by storing in database
- SMS Summary to local body
- SMS common template
- Despatch Section functionalities for outward users

IKM Soochika

File management
- Paperless office version implemented and modifications done as per the requirements.

Help Desk
- Helpdesk Registration routing through DTO.
- HelpDesk Solution provider with three level access Solution providing module
- Provision for DTO to Reassign the complaints of a TA to another in case of leave
- DTO has all the status options
- General Issue registration option than LB wise
- Delete option for LB in Profile Registration
- Alert for pending issues

2.6   Revenue and Licence System (Sanchaya)

Property tax information of the LSGIs which had finalised their database is made available over the internet. E-Payment facility for property tax through debit card/credit card/net banking is available through the website. The e-payment along with SMS

facility is implemented in 4 Corporations, 9 Municipalities and 13 grama panchayats. Online search facilities are also available. The e-filing system with application software for assessing the Property tax on Plinth area based has been deployed. Legacy data entry of the tax and revenue database is progressing at a fast rate.

Sanchaya Local body module hosted in the web to capture Property tax assessment details and its demand details. The details of more than 1 crore building data have been updated through the software. By the middle of 2014 it is expected to activate the e-payment of revenue and license through the Sanchaya software for the entire State. e-payment facility has been developed and implemented for collecting Rent on building fee through Sanchaya software. The following activities were carried out during the 2013-2014 financial year.

a) Software Development for capturing Plinth area based assessment details and porting of Data from Existing software to new web application

b) Integration of digital signature facility, for the approval of assessment data by secretaries, has been introduced. Approximate 90% of local bodies are facilitating this option, collecting property tax demand, with e-Payment and Saankhya applications are ongoing.

c) This module is hosted in State Data Center and can login through http://sanchaya.lsgkerala.gov.in. Login system of this module is integrated with LSGD common login system.

d) Approximate 1.20 crores of property tax assessment details are now made available through this module.

e) A Synchronization Module developed to synchronize data from State data center server to Local body server and vice-versa

f) Software helps to synchronize assessment details, door number and demand details of property tax, profession tax, rent to civic bodies - from web to local body server and vice-versa. This will avoid delay in tax collection due to connectivity issues. By implementing this module, in future, we can enable any local body collection (property tax) facilities through any local body front office collection point.

g) Sanchaya Local body module hosted at web to capture revenue items, other than Property tax, and different license of both urban and rural local bodies. Software development is in open source technology and hosted in Linux operating system

h) There is no separate login for this application. Local body staff can directly login in to this web application through Sanchaya web software for Property tax
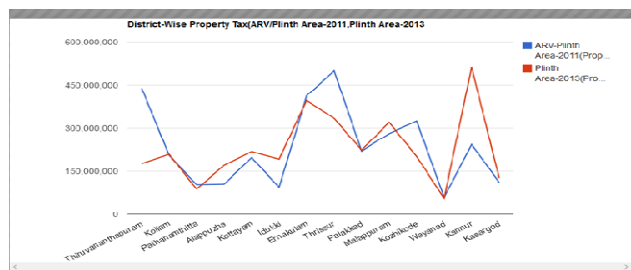
District-Wise Data Entry Count Status

i) Development of software for e-ling and e-payment of profession tax, rent to civic bodies, hall booking services and entertainment tax are in progress
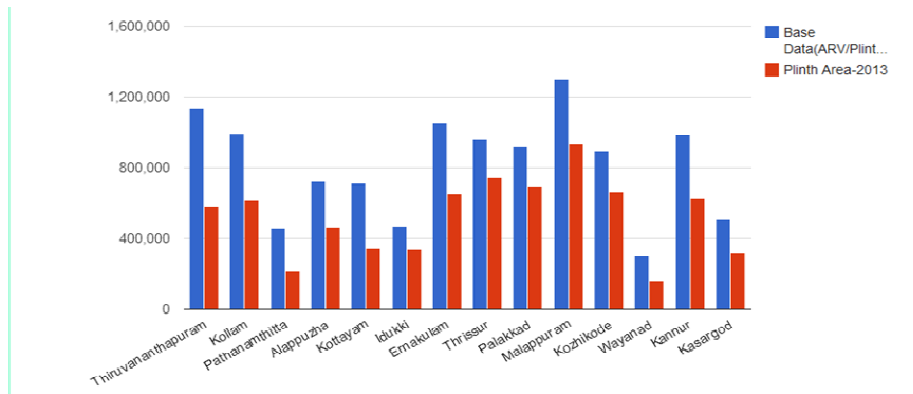
District wise Tax comparison chart

j) License items includes: D&O License, Registration of tutorial colleges and paramedical institutions etc. D&O License module of urban local bodies based on old rule is still running. Activities to convert this module to new module based on new urban license rule and conversion of data in to Unicode font has been performed. It has option to collect demand through e-Payment and local body front office module (Saankhya)

k) Cinema theater owners can e-file their entertainment tax through the login provided by local body through this web site.

2.6.1 Sanchaya e-Payment services

(i) Integrated LSGDs e-Payment system to ASAP web application (Additional Skill Acquisition Programme) for one of their programme.

(ii) Currently 24 local bodies are having these facilities to collect property tax and 2 local bodies to collect rent.

(iii) This module is now connected with KMBR system for collecting fees for building permit etc.

(iv) Centralised WEB application for Implementing Officer Requisition
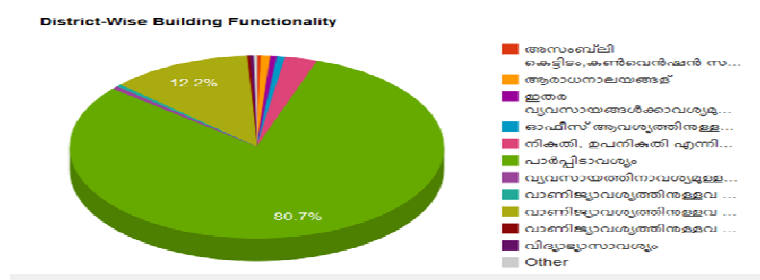
State wise building status pie-chart, based on functionality

District wise, local body wise data entry status

2.7   Work Estimation (Sugama):

Sugama Web application developed and deployed in 2013-14 year. In this application Common user integration, Sulekha integration, Estimation using Kerala PWD data, Technical Sanction, Tendering etc. completed. In addition to this modules add estimation module using CPWD data, Measurement and check measurement, Bill generating etc. The entire design of web application modified. In CPWD data rate arrive based on Delhi Schedule of Rate(DSR) and cost index region value. Basic rates (Labour, Materials, Hire charges and conveyance), DSR, DAR, Cost index region and value were the masters updated for CPWD data inclusion in Sugama web application. Data entry, porting, verification and correction also included in this activity. Masters related to DSR 2012, DSR 2013, DSR 2014 were updated. Facility to attach Plan, drawings with estimate details to verification and Technical Sanction easily. Photo uploading and viewing facility added to monitor the work in different stages of execution. All Crystal reports are changed into PDF reports.

2.8   Sthapana (PF Accounting and Pay Roll):

The software is Preparation of payroll and provident Fund accounting of the employees of both Panchayats and Municipalities

2.8.1 PF Accounting:

Sthapana_KPEPF (Online)

PF related services

- ∘ Membership

- Monthly subscription
- Temporary Advance
- Non Refundable Advance
- Subn. Change

Existing Employee's Details
- Nomination details existing employees from LB level thru an approval process
- Service details of employees from LB level thru an approval process
- Data entry of Pass Book for a period between last Credit Card and first online transaction.

Verification of Treasury data at PF Office (Remittance)
- Display chalans from all LBs to verify statement received from Directorate of Treasuries
- Screen to enter chalans of employees on deputation
- Extra chalans from Treasury (From Lbs not doing Online)
- Misclassified Chalans (GPF ,KMPECPF etc.)

Verification of Treasury data at PF Office (Withdrawals)
- Display bills from all LBs to verify statement received from Directorate of Treasuries
- Screen to enter bills of employees on deputation
- Extra bills from Treasury (From Lbs not doing Online)
- Misclassified bills (GPF ,KMPECPF etc.)

Approval of the above by AO

AG Statements
- Statement from AG Consolidation (DT wise credit and debit
- Transfer Entry details (Cr Plus, Cr Minus, Dt Plus, Dt Minus etc.)
- Credit Plus (Chalan of KPEPF identified by AG which are posted as Other PF by Treasury)
- Balance Transfer (Trasnfer to KPEPF from Other PFs)
- Missing Documents (Rectified by AG , But documents not attached)
- Annual Interest
- Credit Minus (Misclassified Chalan (Other PF) identified by AG which are posted as KPEPF by Treasury)
- Debit Plus (Misclassified Bill (Other PF) identified by AG which are posted as KPEPF by Treasury
- Balance Transfer (Trasnfer from KPEPF to Other PFs)
- Missing Docs (Rectified by AG , But documents not attached)
- Debit Minus (Bill of KPEPF identified by AG which are posted as Other PF by Treasury)
- Data porting from PDE
- Calculation and generation of Credit Card

Sthapana_KMPECPF

- Field issues
- Generation of Credit Cards

2.8.2 Pay Roll (Sthapana):

- Release of porting tool for uploading the master data available in Sthapana to web. The bill processed locally can be uploaded to web for NPS processing in the new release of porting tool.
- Release of online module of Sthapana including integration with Sulekha user management system PRAN application form entry, Incumbency register and NPS processing. LB module and directorate module is released which include all the functionalities for processing NPS and
- for generating the text file needed for NPS upload.
- Changes made in the local module for incorporating the unique employee id generated for the employee and bill upload, release of the same.
- Rectification of field issues of online module, local module of Sthapana as well as web porting tool and arrear module.
- Bank transaction details capturing in NPS module, released for testing.
- New lb changes done and released for testing.
- Rectification of issues related to Sthapana for IKM for bill processing and arrear processing.

2.9 Decision Support for Meetings – Sakarma

Sakarma application handles the process for fixing various committee meetings, recording of agenda, recording of agenda notes and minutes of the various standing committees, steering committees, Grama Sabhas, Ward Sabhas and other meetings. It supports implementation of the decisions taken by various Panchayats Committees.

The desktop version of the application has been already deployed in selected LSGIs. The beta version of a web module of the application will be ready for implementation during the financial year. The following facilities are incorporated in the web module:

This web module is mainly aimed at making an ease in decision making procedures and to a keep a clear and complete record of made decisions of the Local Governance. It has got additional features which initiate at the Question and Motion entry page for the members. Various Validations that are inevitable are strictly implemented in this version. The web version of the application will be geared up for implementation during financial year 2014-2015. Main highlights of this application are:

User name and password for entering this site is generated from Sulekha Software. Main users for this site are

a. President
b. Secretary
c. Vice President
d. Various Standing committee chairman
e. Ward Members
f. Public and few others

Pages predestined can be viewed and used as per the logged in users

Main features and provisions in this site:

User login : User login completely based on electoral database , with which the secretary has to map the elected member to the seats and users created, only then the Members and other Officials can login to the website .

Provision to enter questions and Motions by members

A member when logged in has got the privilege to add their questions and motion. Those which when approved by president would be added in the list of agendas prepared for proposed meeting

Online verifications of the questions and motion by the President

The forwarded motion / questions can be viewed and approved/rejected by the President. Provision to enter the Rejection reason is also provided. Options to edit the motion and question by the members exist until they are approved by the president.

Adding agenda items and Agenda Notes

Agenda and Agenda Notes can be directly entered using this page selecting various keywords which are predefined in order to decide what subject it belongs to.

Meeting Fixation

Options to send a note to secretary with the details like proposed Meeting type, Date, Venue is provided for the president login which when completed would be visible to the secretary to set and fill other details

Agenda Inclusion and Agenda Register

Provision for adding agenda directly to the proposed meeting and adding the motion or question already prepared by the members are provided here in this page

The meeting with the consent of President would be fixed with the agendas included using the fix meeting menu.

Issue of notice to members

This particular page provides the functionality to issue notice to members about the meeting in the predefined format as printed letter together with the e-mail and SMS to the details which are composed during their login process.

Meeting and the Member Attendance

This webpage provides the facility to enter the meeting details at its venue, presiding officer, Starting and ending time of the meeting, and the Member attendance –which would aid in quorum validation for the meeting.

Provision for assigning a supporting officer for entering decision and discussion recording is also provided in this page

Discussions and Decision entry page

The provision for entering the discussion details on the questions from the members on each agenda and the decisions on each agenda is let in this page which would be the core to prepare the meeting minutes.

Draft Minutes, finalization of Minutes

Provision to prepare Draft minutes and its finalization by forwarding it for final approval by president is also grated in this website, which when finalized would be send to each member's inbox who has attended the meeting. The minutes can be downloaded in pdf format .Minutes preperation on a button click eases the work of the secretary or the issuing officer.
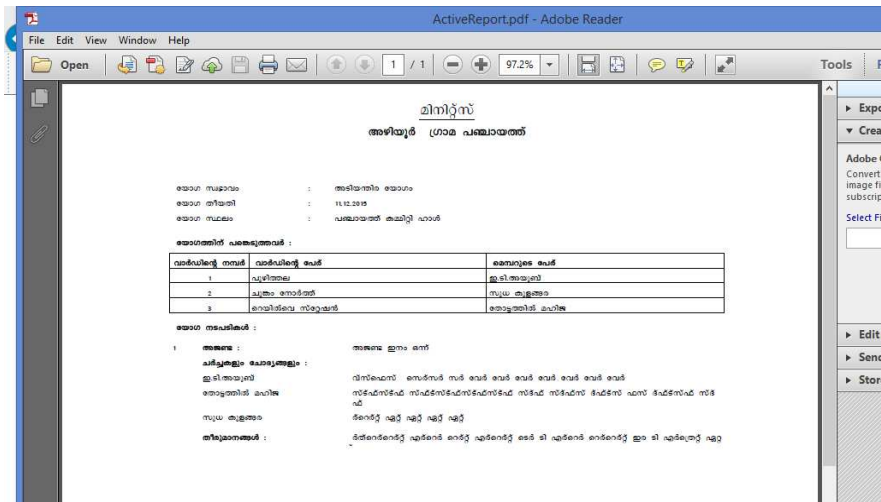
The web based software has been developed and the beta version and has been deployed as a demo site . The full fledged version after incorporating the change if any shall be made functional in all the LSGIs, within no time .

Descending note

Provision to prepare descending note by the all the members participating in the meeting has been provided as per the rules.

SMS service

SMS service has been provided in this software –

> -sms to Secretary when a meeting date is fixed by the president

> -sms would be provided to members when a meeting is decided

> -sms to President when the draft agenda is ready for review and draft minutes is ready for final approval

Public main page

The public page provides details of commenced meeting and the meeting to be commenced. The menu 'meeting already done' provides the number of such meetings, their agenda and the minutes or decision taken towards each agenda.

Similarly the meeting to be commenced provides the details of the meeting type, date, venue, time and agenda which are to be discussed. These pages are provided in public privilege so that any person can get these details without logging in

Public details

This page provides details regarding all the software provided by IKM, which will be useful for the public to get all the details in a click.

FAQ

A public page is being provided for the users to ask question and a panel would answer them. Provision to view the frequently asked questions and its answers are also provided.

2.10 Building Permit – Sanketham:

Sanketham (KMBR) Software for handling building permits sanctioned by local governments. The Municipal Building Rules has been extended to the Grama Panchayats also recently.

Technology

- ASP Dot Net 2.0
- Ajax Extension 1
- Crystal Report Redistributed 2005
- Crystal Report 9
- MS Sql Server 2000
- Web services

Application Modules

2.10.1 Sanketham (Kerala Municipality Building Rules)

Roles

- Integrated with Soochika & saankhya
- Soochika generate file no & maintains file status
- Application fee receipt through saankhya
- Application form verification & validation
- Check list verification & remarks as per building plan, site plan & sit verification
- Automatically Permit fee calculation & demand to saankhya
- Permit fee receipt from saankhya
- Electronic Building permit through Sanketham

Town planning

- Survey No. & Zone description
- Survey Restriction for building permit
- DTP Schemes
- Development Plan
- Government Orders
- Maps
- KMBR & KPBR Rules

Government Of India Ministry Of Urban Development Nation Buildings Organisation

- Basic Amenities [Infrastructural facilities]

- State returns

2.10.2 Sanketham (CTP/DTP Module)

Role

- Application form verification & validation
- Check list verification & remarks as per building plan, site plan & sit verification

- Prepare Fee details ,DTP schemes, Restricted Zones & modification KMBR documents
- Black list the architect who violate the Rules

2.10.3 Sanketham (Web Module)

Role

- Online Application for Architect registration & Application for building Permit
- Status intimate through SMS
- Password verification through Email with SMS Security code
- Verified & Issue licences of building Architect through RJD office

2.10.4 Sanketham (Kerala Panchayat Building Rules)

Roles

- Categories two type of panchayat as per KPBR
- Customised the fee details as per panchayat Category
- Check list verification & remarks as per building plan, site plan & sit verification as per KPBR
- Rules customised as per KPBR
- Same work flow as Sanketham (Kerala Municipality Building Rules)

Maintains & modification

- Sanketham (KMBR) linked with soochika (file tracking)& Saankeya (KMAM)
- Implemented in thee zonal office in trivandrum corporation
- Trial run with e-filing Implemented at Malappuram and Kottakal Municipality, Meenangadi Gramma Panchyath in Wayanad
- Hands on software training for all staff in town section of trivandrum corporation
- Modification as per rules and make them user friendly
- Inter connective between all zonal office and Main office
- Building permit details & status in web site
- After state returns & basic amenities validated for tax
- Tax details transfer to revenue dept / Sanchaya application
- Conduct meetings & workshop with TPO for suggestion and feed back
- Customising allocation as per Corporation, Municipality & Grama Panchayat

New Feature from Committee [CTP & IKM]

26. Workshop held on KILA 27th and 28/05/2014
27. Facility for write file note for each seat in Sanketham application
28. E-payment facility for application and permit fee with the gate way of Sanchaya application
29. Digital signature enrolment
30. Digitally signed Permit with 2d code embedded
31. Image format file attachment in database
32. Pdf file attachment shares in folders
33. Facility NOC Status for building application
34. Facility for width of assess to the plot

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35. Facility for parking unit
36. Sanketham Application Process as new form

2.11 School management system (Sahaaya SMS)

A web based software using Free and Open Source technology to manage attendance and exam details of students of schools. The key facility in this software is to send SMS to parents about their student's activities.

This software has following facilities:
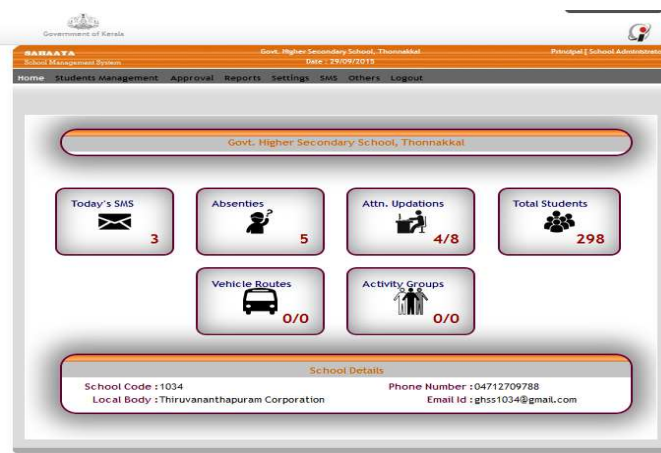
- Can manage school details, division details, user management, user role management etc.
- Can manage student details such as admission, promotion, transfer, modification of details etc.
- Monitoring of attendance of each students and its report. Sending SMS to parents of absentees. Sending special messages to parents through SMS.
- Generation of different reports including Identity Card generation with photo.
- State level, district level and local body level monitoring of reports of each school is possible. Registration of each school is through different local body levels such

as Grama Panchayat, Block Panchayat, District Panchayat, Corporation and Municipality

Identity card

2.12 Asset Management (Sachithra):

Sachithra Asset is an Application for monitoring assets of the local bodies. As per the Government an order required modifications were made in the software application for updating asset databases of all the local governments. Development of web based module initiated. During the period under consideration, the following activities were carried out:

Sachithra Web Module

- Database Design
- Page Design and Coding
- Porting Tool Development for synchronizing the data
- Database Collection From 1209 LBs
- Porting data to Web database
- Correction of Error DBs
- Statewide Report Generation
- LBwise Reports Generation
- Wardwise Reports
- Individual asset view
- Editing and updating of assets
- Release of Demo version for testing.

2.13 Subhadra - Application for Budget calculation

- Database Design
- Page Design and Coding
- Sulekha User Management
- Crystal Report Generation
- Testing the Application
- Demo Version Release

- Online Version Release

2.14 Spatial Database - Premises Mapping (Sachithra Map Suite):

During the period under consideration, the projects taken up were completion of Puzhakkattiri grama panchayath premises mapping and implementation of Malappuram Municipality Premises Mapping under the scheme State Urban Information System, which is aimed at creating spatial and non-spatial digital data base of the selected localbodies of Kerala for implementing various planning activities for eco-friendly and sustainable development

2.15 Implementation Status (Software and Hardware)

Connectivity status of Local Bodies as on 31.03.2015

Type of LB	KSWAN	VPN	Total	%	Total no. of LBs	Remaining
Block Panchayat	136	16	152	100.00	152	0
Corporation	3	2	5	100.00	5	0
District Panchayat	13	1	14	100.00	14	0
Grama Panchayat	59	918	977	99.90	978	1
Municipality	34	26	60	100.00	60	0
Grand Total	**245**	**963**	**1208**	**99.98**	**1209**	**1**

Application status of ULBs as on 31.03.2015

	Software Application	ULBs	Deployed	Functional	Coverage
1	Sulekha-Plan Monitoring System	65	65	65	100.00
2	Sevana-Civil Registration System	65	65	65	100.00
3	Sevana-Social Welfare Pension	65	65	65	100.00
4	Sevana-Common Marriage	65	65	65	100.00
5	Saankhya-Accrual Based Double Entry Accounting	65	65	65	100.00
6	Sthapana-Establishment	65	65	65	100.00
7	Soochika-File Tracking System	65	64	63	96.92
8	Sachithra-Asset Management	65	65	65	100.00
9	Sachithra-Map Suite	65	65	65	100.00
10	Sugama-Cost Estimation Tool	Online Application			
11	Sanchaya-Web	65	65	65	100.00
12	Sanchaya-e Payment	65	13	13	20
13	Common Marriage-e filing	65	64	64	98.46
14	Sevana-Hospital Kiosk	65	52	52	80.00
15	Sanchitha-Act and Rule	65	65	65	100.00
16	Samveditha-LSGD Portal	65	65	65	100.00
17	Sanketham-Building permits	65	42	42	64.61
18	Sanchaya D&O Licence	65	03	02	03.07
19	Sahaaya School Management System	65	03	03	04.61

Status of Hospital Kiosk for online Birth/Death registration as on 31.03.2015

Local Body Type	Online	Govt	Private	Total
Corporations	5	32	105	137
Municipalities + Kannur Cantonment	48	35	183	218
Grama Panchayat	115	19	153	172
TOTAL	**168**	**86**	**441**	**527**

Application status of all LSGIs as on 31.03.2015

	Software Application	LSGIs	Deployed	Functional	Coverage
1	Sulekha-Plan Monitoring System	1209	1209	1209	100.00
2	Sevana-Civil Registration System	1043	1043	1043	100.00
3	Sevana-Social Welfare Pension	1043	1043	1042	99.90
4	Sevana-Common Marriage	1043	1043	1042	99.90
5	Saankhya-Accrual Based Double Entry Accounting	1209	1209	1209	100.00
6	Sthapana-Establishment	1209	1065	1059	87.59
7	Soochika-File Tracking System	1209	1058	1054	87.17
8	Sachithra-Asset Management	1209	1209	1202	99.42
9	Sachithra-Map Suite	1043	821	821	78.71
10	Sugama-Cost Estimation Tool	Online Application			
11	Sanchaya-Web	1043	1043	1043	100.00
12	Sanchaya-e Payment	1043	25	24	2.30
13	Common Marriage-e filing	1043	1040	1039	99.61
14	Sevana-Hospital Kiosk	1043	168	167	16.01
15	Sanchitha-Act and Rule	1209	1209	1209	100.00
16	Samveditha-LSGD Portal	1209	1209	1209	100.00
17	Sanketham-Building permits	Online Application			
18	Sahaaya School Management System	1209	01	01	0.08

2.16 Training

Training on capacity building on computerization and usage Saankhya Soochika Sanketham & Sanchaya software has been imparted to 12,133 trainees that includes officials of the Local BodiesLFA Staff, Licensees and the field staff of IKM. As per a Government order, at present training to LSGI staff and Elected Representatives are organised through KILA. IKM provides the course content and faculty for the training.

Capacity Building Training to Field staff of IKM.

As our field staff is spearheading the rollout process of e-governance , it is imperative to impart frequent capacity building programmes to field staff to equip them competent to address field issues effectively. 2539 (Technical)field staff have been trained during the reporting month.

2.17 Web Management:

The website currently is being accessed by a large number of users including the public, officials, and the academic community. Update facility is now available for individual local governments directly and also through various application software routinely used by them. The local governments need not take special efforts to update the website, in many cases.

Many of the data on the website are kept updated by synchronising with the various application software used by the local governments for their day-to-day computerised functions. The local databases are synchronised with the web data using the Local Government Wider Area Network (LGWAN) through KSWAN and LSGVPN. The website also serves as a portal for various online services. Details of the social welfare pensioners, decentralised plan projects (including expenditure), property tax, government orders, file status, provident fund accounts of employees, details of elected representatives, GIS maps, civil registration certificates, Government orders, tender notification of various local bodies, etc. are available from the web portal. Websites of all Local Governments developed using Open Source Content Management System is being maintained.

Sparsh:

Touch Screen Facility has been developed for benefit of the visiting public in getting detailed information about the activities and services of local bodies without involvement of any person. Public can access digitised data of a local body related to Birth, Death, Marriage Registration, Social Security Pension, Property tax, Profession tax, Rent on Land and Building, Elected Members, Beneficiary Lists, File Status etc. Along with this facilities Sparsh can perform as a **Web Service for Event Management**.

2.18 Sanchitha(Web Based Encyclopaedia Of Acts, Rules And Government Orders):

A CMS (content management system) based web application software for displaying Government acts, rules, government orders, Manuals and Court Interpretations relating to local body has been developed in Drupal 7 (an open source system).

Home page of Sanchitha web

General public can access the web application through **http://www.sanchitha.ikm.in**. Public can login in to the system and also can bookmark act and rules for their future reference.

"Administrator" is the key user who manages sections, settings and user roles in this web application. "Author" is another user who creates documents and "publisher" who verifies the content and publishes the document.

Government orders relating to Local Self Government are updated in our web site **http://go.lsgkerala.gov.in**. Newly added GO's in this site are periodically listed in Sanchitha web site as a Rich Site Summary (RSS feed). So public can access or download
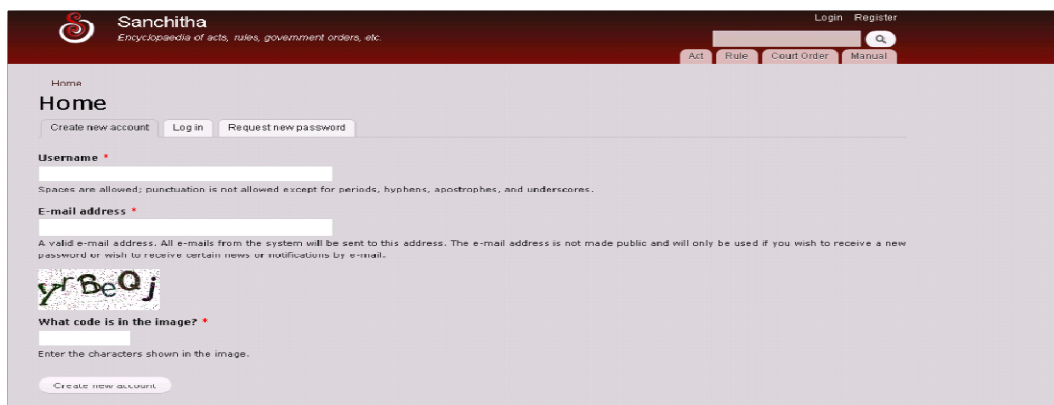
GO's pertaining to Act/Rules through Sanchitha web site also.

2.19 Technical Support and Infrastructure Management:

The major activities of the division are carried out by the four teams – Data Centre Management, Software Testing and Helpdesk, Internal Infrastructure and Field Support.

Overall duties and responsibilities of the Division

- Management of IT Infrastructure, including (but not limited to) installation, maintenance, upgrade, system administration, auditing the usage and configuration. Technical support for commercial engineering would also be required.

- Deployment and handholding of application software in the local governments

- Testing and release of application software developed by IKM

- Managing bug reports, reproducing bugs reported from local governments, and communication with software development, to sort out the issues.

- Backup and data security

- Ensure service levels to the local governments and within IKM (to various divisions)

- Centralised technical helpdesk for e-governance in local governments

- Capability building in IKM in all technical aspects including systems administration, database management

- Building up standards and systems for software reengineering

Data Centre Management

All the application software developed by IKM are hosted in State e-governence Data Centres (SDC). In Kerala there are two SDCs located at Co-bank Towers and Technopark. IKM had co-located its servers at both the data centres.

In this year we have implemented new huge servers and storage in fully virtualised environment. Implemented a software load balancer using open technologies to serve application smoothly even if heavy load in peak hours. The installation, management and monitoring of these servers and the hosted applications are maintained by IKM Engineers. This would improve the performance of the application, management, monitoring and also improved the service delivery.

Major activities of the team are

- Maintaining the web server at IKM and the State Data Centre, which hosts various websites and applications of LSGD

- Coordinating with external agencies such as IT Mission, NIC, CERT, and Domain / Certificate Registrars, and on linking up various applications, including its administration and security.

- Ensuring backup of all web-server data and applications for quick disaster recovery

- Configuration and change management of web-sites

- Ensuring the registration and renewal of web-server domain names, DNS hosting and all related matters

- Making proposals for upgrade of web-servers (including specifications), if required, and following up on approval and procurement

- Acceptance of web-applications for hosting on web-server – especially with respect to security of data and server. Should also advise on adherence of web sites to the web hosting guidelines of Government websites.

- Managing digital certificates for servers, code signing certificates including its renewal.

- Preparation of a complete document regarding the configuration of the servers, applications, and network including KSWAN and VPN at Data Centre.

Software Testing and Helpdesk

The major activities carried out the team are testing of application software before released to field and certifying that a version is ready for release (depending on the field requirement and the status of bugs), Responding to calls received in Helpdesk regarding problems in field, Reproducing the problem at the test facility and confirming whether it is a bug or a feature request or a problem in deployment or use. Ensuring service levels with respect to the application software.

Status of application issues handled by the team

- 23,701 application issues were reported in 14 applications.
- 97.6% (23,136 Nos) issues resolved in time.
- Remaining 1.6% (382 Nos) would be solve in next application version release
- Released 80+ major software Builds/patches of software deployed in LGIs after thorough testing and Tested and released 30+ major updates and 65+ minor updates.
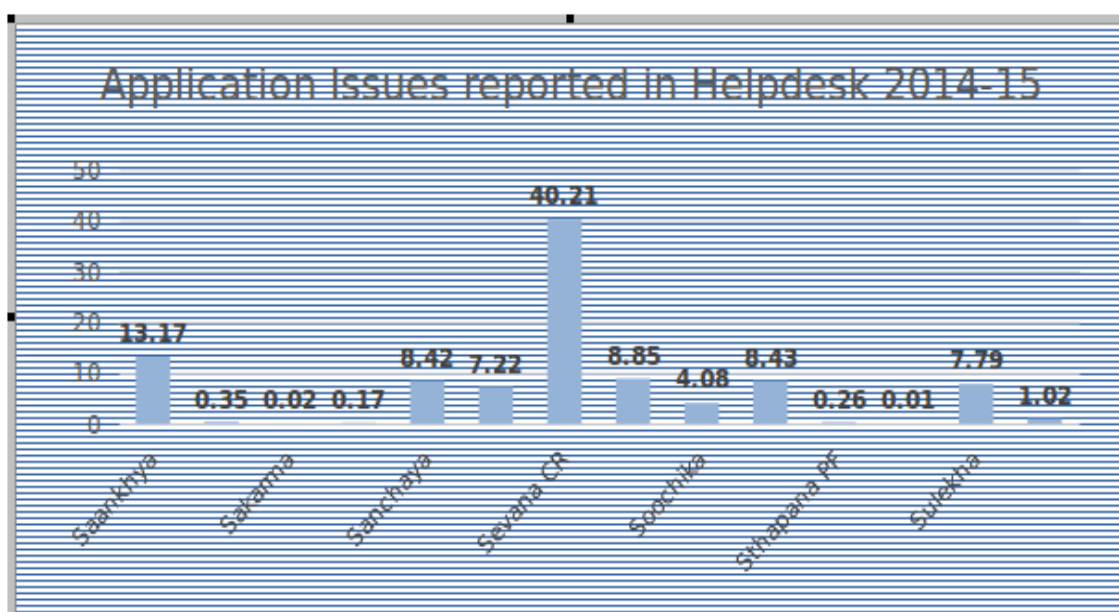
Internal Infrastructure

Major activities of the team are
- Maintenance of IT infrastructure, electrical installation/ power supply within IKM.

- Upgrade of IT infrastructure, as per requirement; including preparing and submitting proposals with estimates and specification, for approval

- Technical support in IT infrastructure procurement, for the Purchase and works team

- Monitoring of (Comprehensive) Annual Maintenance Contract for equipment, and preparing proposals in time for approval of AMC

- Backup and safekeeping of electronic data (e.g. Development – VSS and Database; Accounts – Tally; Soochika, Attendance, Stock, File Server, etc.)

- Monitoring of AMC SLAs for internal infrastructure.

Field Support

Constant technical support and handholding is being extended to the LSGIs through District Technical Officers (DTO), District Coordinators (DC) and Technical Officers in the field for the smooth running and successful implementation of various software applications in local bodies. TSIM also ensures follow-up and testing of the readiness of the basic facilities in local governments for installing the IT infrastructure. Managing, monitoring and maintaining co-located Servers and e-governance applications of LGIs at State Data Centre

2.20 External Projects:

2.20.1 Puzhakkattiri Grama Panchayath Premises Mapping

This project has been initiated with reference to the request by the panchayath authorities to complete the premises mapping programme of IKM. Main focus of the programme is to generate and disseminate spatial/non-spatial digital database in the grama panchayath area through a customized information system developed with the state-of-the-art techniques of Remote Sensing and Geographic Information System, supplemented by field survey. In order to complete the assignment, cadastral map has been integrated with satellite data, downloaded from internet, and identifiable features were marked from the GIS lab itself before going to the field. With this data, the road and landmark survey alongwith GPS survey has been completed to get an insight into the features and locations of the panchayath for completing the second level premises mapping survey. Premises mapping field survey has been completed in all electoral wards and the data updating is going on in full swing.

2.20.2 Malappuram Municipality Premises Mapping under the scheme State Urban Information System

The work has been completed and the data with the project report has been handed over to the Town plan authorities. The data entry completed by the Town plan authorities having some

minor corrections, were asked to incorporate in the final application hoisted over the internet were rectified and uploaded and the master plan data existing as well as proposed were georeferenced and uploaded through the internet.
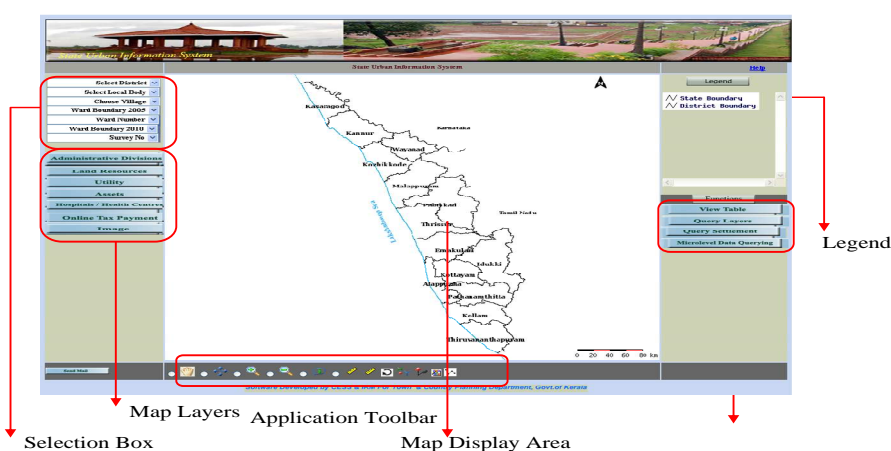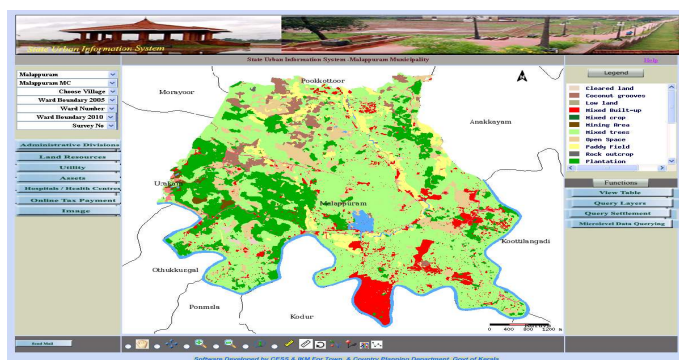
2.21 Human Resources

Employees of the Information Kerala Mission consist of staff on deputation from other Departments, Project Staff and Supporting Staff. The staff strength as on March 2015 is given below:

1	Executive Director	Corporate Management	1
2	Group Director	Corporate Management	1
3	Director(Technical)	TSIM	Vacant
4	Director(Implementation)	Implementation	vacant
5	Team Leader (Admin.)	Corporate Management	1
6	Team Leader(Accounts)	Corporate Management	1
7	Team Leader(Plan, P & W)	Corporate Management	1
8	Corporate Management	Administration	13
		Accounts	7
		Plan, Purchase & works	2
9	Team Leader (Impl. GP)	Implementation	1
10	Implementation Group -HQ	Corp, Muni, DP, BP etc.	7
	Implementation- Field	D.C, Corp. Coordinator)	5
11	LOBE	LOBE	3

12	Training	Training	4
13	Software Development	SWD	36
14	TSIM group	TSIM-HQ	24
		GIS	5
		WEB	4
		TSIM-DTO	14
		TSIM-Field	252
	Total		**382**

For achieving flexibility and efficiency in implementing the e-governance programme of the State, one TAs each in a Panchayat was deployed. As part of the KLGSDP project, funded by the World Bank one accountant cum IT expert (AITEs) in each revenue blocks of Kerala was also deployed. The total number of AITEs as on March 2015 is 102.

Dissertation:

1. Kum. Athulya Sunilkumar T N, Chinmaya Institute of Technology, Kannur project work - "Kerala Social Security Mission - Aswasakiranam" under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 02-March-2015 to 30-June-2015.

2. Kum. Akhila K, Chinmaya Institute of Technology, Kannur - project work entitled "Janahitham" under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 02-March-2015 to 02-July-2015

3. Kum. Anagha T N, Chinmaya Institute of Technology, Kannur - project work entitled "Sanchaya – Rent on Land and Building" under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 02-March-2015 to 30-June-2015

4. Kum. Greeshma Thomas, Chinmaya Institute of Technology, Kannur - project work entitled "Kerala Social Security Mission - Samashwasam" under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 02-March-2015 to 30-June-2015

5. Kum. Linta P George, Chinmaya Institute of Technology, Kannur - project work entitled "Bill Processing System" under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 02-March-2015 to 30-June-2015.

6. Kum. Sisna. M, Don Bosco College, Angadikadavu, Iritty, Kannur University- project work entitled "Sujala Water Supply Management System" under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 05-Feb-2015 to 10-June-2015

7. Kum. Sruthi N , Don Bosco College, Angadikadavu, Iritty, Kannur University - project work entitled "Nallalam Industrial Estate Management system" - under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 05-Feb-2015 to 10-June-2015

8. Kum. Marteena K Joseph, Don Bosco College, Angadikadavu, Iritty, Kannur University - project work entitled "Citizen Management System - Samoohya" - under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 02-Mar-2015 to 20-July-2015

9. Kum. Anju Antony, Don Bosco College, Angadikadavu, Iritty, Kannur University - project work entitled "Local Body Management System – Samoohya" - under the guidance of Mr. Narayanan Nampoothiri G, Project Manager, (Software development) during the period from 02-Mar-2015 to 20-July-2015

The following executives left the organization during the period under report:

- After serving the institution for a period from 08.08.2011 to 30.05.2013 and from 20.12.2013 to 10.12.2014 Dr. M. Samsuddin Executive Director renounced his services to join his Parent Department

- After serving the institution for a period from 18.09.2014 to 01.12.2014 Shri. Thulaseedharan Pillai G renounced his services to join his Parent Department

The following Executives joined the organization:

- Shri C P Suresh Kumar joined as Executive Director from 10.12.2014 and continuing afterwards

- Shri Monylal B.S joined as Accounts Officer and reported duty on 02.12.2014

- Sri. Biju Bhaskar B.S, joined as Team Leader, Planning, Purchase & Works on 27.04.2015

Meetings of the Executive Committee

Executive Committee meeting of the IKM was held on 5 occasions during the financial year.

S. No.	Meeting	Date of Meeting
1	2nd EC after formation of Society	20.05.2014
2	3rd EC after formation of Society	04.08.2014
3	4th EC after formation of Society	09.10.2014
4	5th EC after formation of Society	27.11.2014
5	6th EC after formation of Society	06.03.2015

2.22 Major Accomplishments

- The Government have approved registering Information Kerala Mission as an autonomous body under the Local Self Government Department of Kerala within the framework of Travancore Cochin Literary and Charitable Societies Registration Act (Act 12 of 1955)

- Kerala is the first State in the country to implement the accrual based double entry software in all the Local Self Government Institutions

- Saankhya facilitates handling of accounting operations in Local Self Government Institutions smoothly, also generates annual financial statements consisting of balance sheet, income & expenditure statement and receipts & payment statements along with various MIS reports in one shot. Massive deployment of this kind is first time in the country that will shortly ensure real time web based access to the financial details of the local bodies of Kerala.

- Additional modules for tax effort calculation for finance, application for SFC to enter the Income and expenditure details and gap fund Application hosted in Saankhya website.

- A web based module for saankhya will be developed and deployed in LSGIs shortly which enables easy accessibility of voucher level details of each local bodies which results accuracy and transparency in the accounting system of local bodies

- The field level support of AITEs appointed under the KLGSDP programme provides handholding support to the Local Self Government department official which resulted in rectifying field issues to minimal.

- Using the KLGSDP funds massive training were conducted to the employees of LSGS as well the AITEs . Many of the accountants of grama panchayats whic got traininig and sufficient hands on experience in Saankhya were promoted to the post of Assistant Secretaries.

- The help desk system fnctioning in Information Kerala Mission attends the technical issues in the field and provides proper solutions to assure the smooth usage of Saankhya software

- The details of AFS submitted local bodies including balance sheet has been hosted in the website www.finance.lsgkerla. gov.in/AFS during 2013-14

- The web based Sulekha software (www.plan.lsgkerala.gov.in) developed by IKM is used for the effective real time formulation, approval and expenditure tracking process Plan projects in all Local Self Government Institutions. As a part of the KLGSDP projects ESMF formats has been hosted in the website www.plan.lsgkerala.gov.in.

- Real time preparation and approval of nearly 2 lakhs projects in the state are done through Sulekha software as on date for the year 2013-14, and 2.17 lakhs projects during the year 2014-15. Sulekha application (**www.plan.lsgkerala.gov.in**) won CSI Award 2013-14 under the category 'Sustenance'

- Kerala is all set have online access to the valid birth and death certificates registered since 1970 within the 2014-15 financial year.

- By computerizing the back end file flow process, paperless office concept is being introduced in the Local Self Government Institutions.

- Online registration of birth/death are done through 527 hospital kiosks spread across the State – an initiative of IKM, LSGIs and hospitals

- In Kerala on registration of birth and death through hospital kiosks, certificates can be issued within 24 hours of its registration throughout the State.

- The real time details of live registrants of birth and death in the Local Self Government Institutions are available through the 'State Registration Clock' of the website www.cr.lsgkerala.gov.in .

- e-filing facility to submit application for the registration of marriage through the website www.cr.lsgkerala.gov.in is made available.

- E-payment facility for the payment of property tax through debit card/credit card now available through the website www.tax.lsgkerala.gov.in, which is already implemented in 3 corporations 9 Municipalities and 13 Grama Panchayats. Sanchaya application (**www.tax.lsgkerala.gov.in**) won the Kerala State e-governance award(second prize) for the best IT-enabled citizen-centric services and projects.The ownership certificate can also be downloaded from the website.

- The e-filing system with application software for assessing the Property tax based on Plinth area is deployed. Software (in open source technology and hosted in Linux operating system) for online capturing of Plinth area based assessment details and porting of Data from Existing software to new web application has been released. Software for ePayment of profession tax, rent to civic bodies, entertainment tax and hall booking services and D&O License has been developed are ready for deployment.

- Automated field level property tax collection through hand-held devices with facility for online integration with accounting software using GPRS is in the final stages of deployment

- Integrating the UID Aadhaar number and the savings bank account details of the beneficiaries of the social security pension, disbursement of pension amount directly to the beneficiaries account through NEFT method of money transfer is attempted a pilot mode in selected Panchayats.

- A web based software using Free and Open Source technology to manage attendance and exam details of students of schools. The key facility in this software is to send SMS to parents about their student's activities.

- All Government Orders, Information and Circulars of Local Self Government Institutions are published in time in the website www.lsgkerala.gov.in.

- The e-filing system for applying to get the architecture registration and building permission through the application software 'Sanketham' developed by IKM to manage the Building Construction Permission has been deployed in all the Urban Local Bodies

- Web based application software for estimation of Public works, technical approval of estimates, annual expenditure of public works is under development

- Developed and published the web based PEAIS software for submitting the online application for the award on Panchayat Empowerment and Accountability Incentive Scheme 2013-14

- A web based application software for maintaining asset registers, valuation, transfer, maintenance and renewal/disposal of assets and for evolving effective administration controls and for equitable and need based distribution of available resources is in the final stages of development.

- Developed an android based application viz 'samagra' which facilitates e-governance services offered by LSGs through mobile

- Provided technical and handholding support to the officials of LSGs in case of existing applications as well as new applications

- Inclusion of e-filing and digital signature provisions in the web based applications

- A fully web based software for computerizing and maintaining Provident Fund accounts of Panchayat and Municipal employees is made operational. All PF related services including nomination facilities, Service details of employees, online download of credit can be operated through the software. The stand alone software in existence in the local bodies for management of establishment functions and pay roll preparation is being fully web-based.

- The application software to convene various committee meetings, recording of agenda, agenda notes and minutes of the various standing committees, steering committees, Grama Sabhas, Ward Sabhas and other meetings. The software has been made fully web based and is under the final stages of development. SMS facility is also made available.

- A CMS (content management system) based web application software for displaying Government acts, rules, government orders, Manuals and Court Interpretations relating to local body has been developed in an open source system.