eGovernance Initiatives

National Informatics Centre
Government of India
Ministry of Electronics & Information Technology
Tamil Nadu State Centre

Integrated Temple Management System

Management and Dissemination of Temple Information	Online Temple Services to Citizen	Management of the Temple Properties (Movable and Immovable)

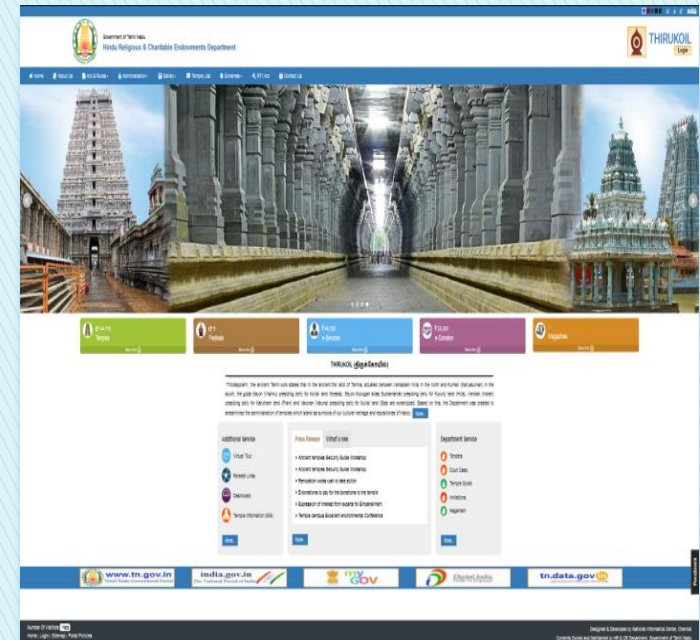|	
Monitoring of all Receipts and Expenditures	Monitoring of Annadhanam and Thirupani

- A generic Product
- Configurable for any State
- Multi-Lingual Support
- RWD Interface for the citizen
- Implemented in 47 Higher Grade Temples
- Rs. 2,62,84,933 has been collected from public for e-Services
- 89,52,050 visitors

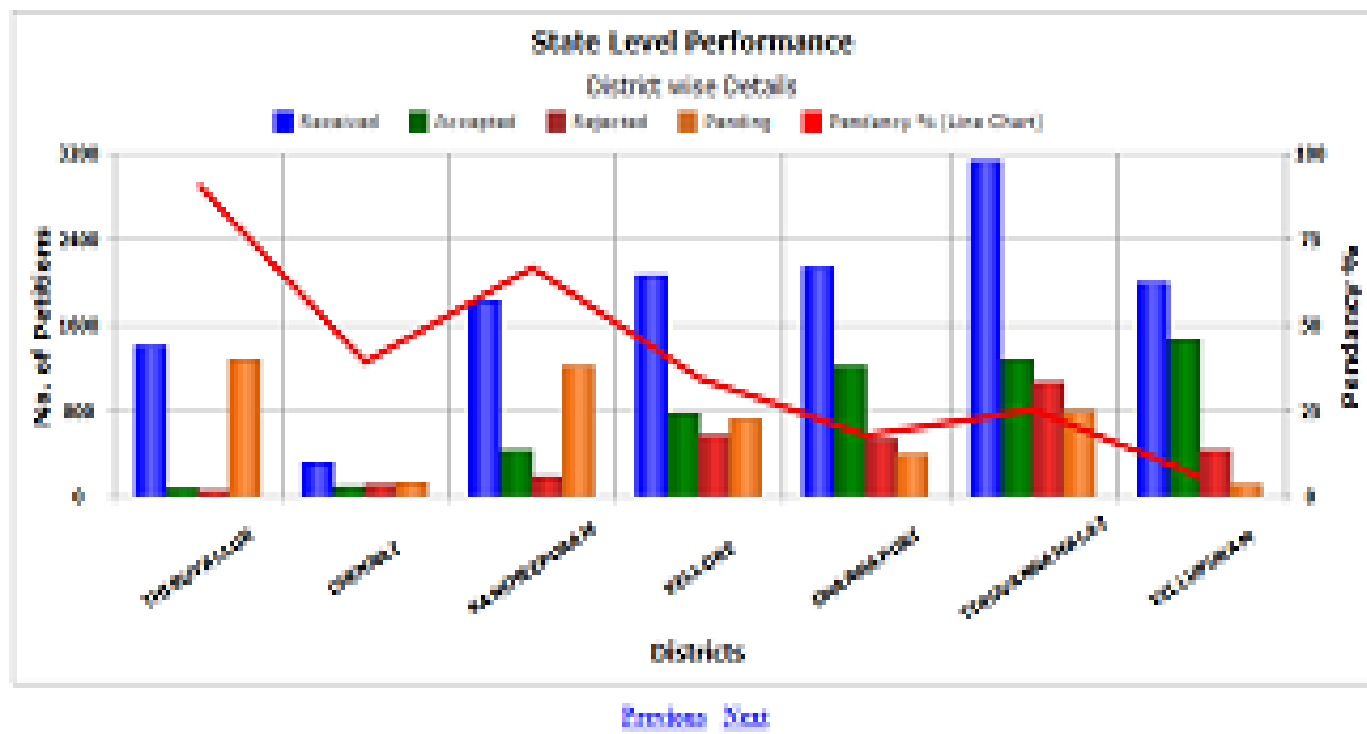# eDistrict Grievance Day Petition(GDP)/ Petition Processing Portal

Crime & Criminal Tracking Network & Systems (CCTNS)

End-to-end solution for all the Police Station in Registering a case of FIR, CSR, MVP and Ordinary Petty Case nature, Investigation of the case to till its disposal with generation of all reports.

Implemented in all 63 Police Districts across all 1952 Police Stations including Special Units

- ➢ **77.41 lakh FIRs**
- ➢ **36.64 lakh CSRs**
- ➢ **38.20 lakh MVPs**
- ➢ **92,124 Ordinary Petty cases**
- ➢ **6500 Officers, 21 Insurance Companies and 200+ Motor Vehicle Accident Tribunal Court Officials user the portal**

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eDistrict Grievance Day Petition(GDP)/ Petition Processing Portal

Multi-departmental with multi-organizational patterns	Subject-oriented GDPs like Agriculture GDP in addition to the General GDP.	Printed / SMS (Tamil / English) acknowledgement to the petitioner.	QR Code on acknowledgements.	Status of petition at counters / CSCs / online.
SMS (Tamil / English) for disposal of the petition to the petitioner.	Uploading the scanned petitions and the final office order against the petitions.	OTP authentication for uploading office order.	Day-to-day Reports and MIS Reports at all levels	

- Implemented since July, 2016.

- Operational in all 12000+ CSCs, 32 District Collectorates, 86 RDO offices, 296 Taluk offices, 385 Blocks, 720 Urban bodies

- It involves about 8,00,000 petitions, 24,00,000 processing records per year and 13,500 users from multiple departments.

- Used for Governor's visit to districts.

- User for other VIP's visit to districts.

- Conducted State-level Workshops through VC

Taluk Online Petitions Monitoring System (TOPMS)

Customised version of e-District GDP

Implemented in all 296 taluks in Tamil Nadu.

It involves about 20,00,000 applications and roughly 40,00,000 application processing records per year, operated and used by about 20,000 users of all the taluks.

AMMA Thittam Application

Captures the summary details of the camps conducted by the Taluk Offices at the revenue villages.
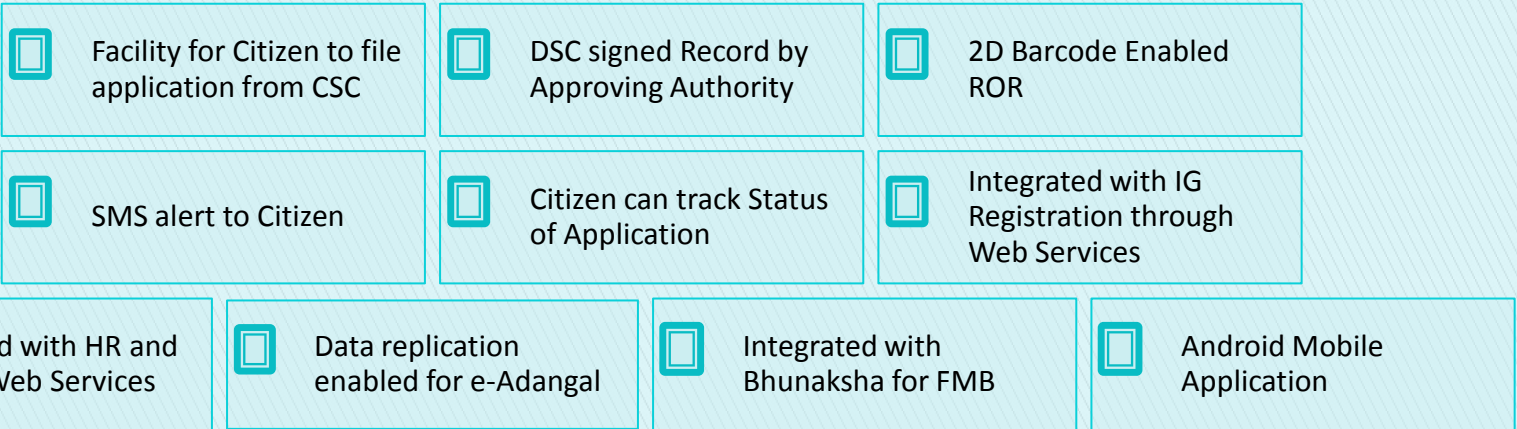

Free House Site Patta System (FHSP)

capture the village-wise beneficiary details of the Free House Site Patta Scheme every financial year

Implemented in all 296 taluks of 32 districts

Web Based TamilNILAM (Rural)

Facility for Citizen to file application from CSC	
SMS alert to Citizen	
Integrated with HR and CE with Web Services	

- Facility for Citizen to file application from CSC
- DSC signed Record by Approving Authority
- 2D Barcode Enabled ROR
- SMS alert to Citizen
- Citizen can track Status of Application
- Integrated with IG Registration through Web Services
- Integrated with HR and CE with Web Services
- Data replication enabled for e-Adangal
- Integrated with Bhunaksha for FMB
- Android Mobile Application

The Web Based TamilNILAM is implemented in 286 Taluks.

Nearly 6000 Patta transfers are done on a daily basis using this software.

Nearly 6000 Patta transfer applications are filed by citizen at CSC centres.

Applications Received : 70,60,822

Applications Processed : 63,26,627

ROR Viewed (Month) - Chitta - 3,58,952; Aregister - 1,44,298

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Web Based TamilNILAM (Urban)

Facility for citizen to file application for Patta Transfer, Sub division and TSLR extract with Sketch along with requisite backend processing through CSCs

The public can View / Print digitally Signed "Town Survey Land Register" extract with 2D barcode encrypted land details.

Patta Transfer Order / Subdivision Order can be generated at any time.

Workflow based System

Citizen can track Status of the Application through online website.

Monitoring report for Taluk, District & State Level Officers has been provided.

Role Based Security

Implemented in all 12 Corporations and 94 Towns of Tamil Nadu

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eDistrict Project for Revenue Services

- Seven types of Certificates issued online

- Implemented in all 32 Districts across all 305 Taluks of the State

- More than 3.33 crore applications filed.

- More than 3.05 Crore Digitally Signed Certificates issued.

- Online verification through 2D Bar code.

- Tiny url for certificates through SMS.

- Differently Abled Pension application launched by Hon. Minster of Revenue, Government of Tamil Nadu.

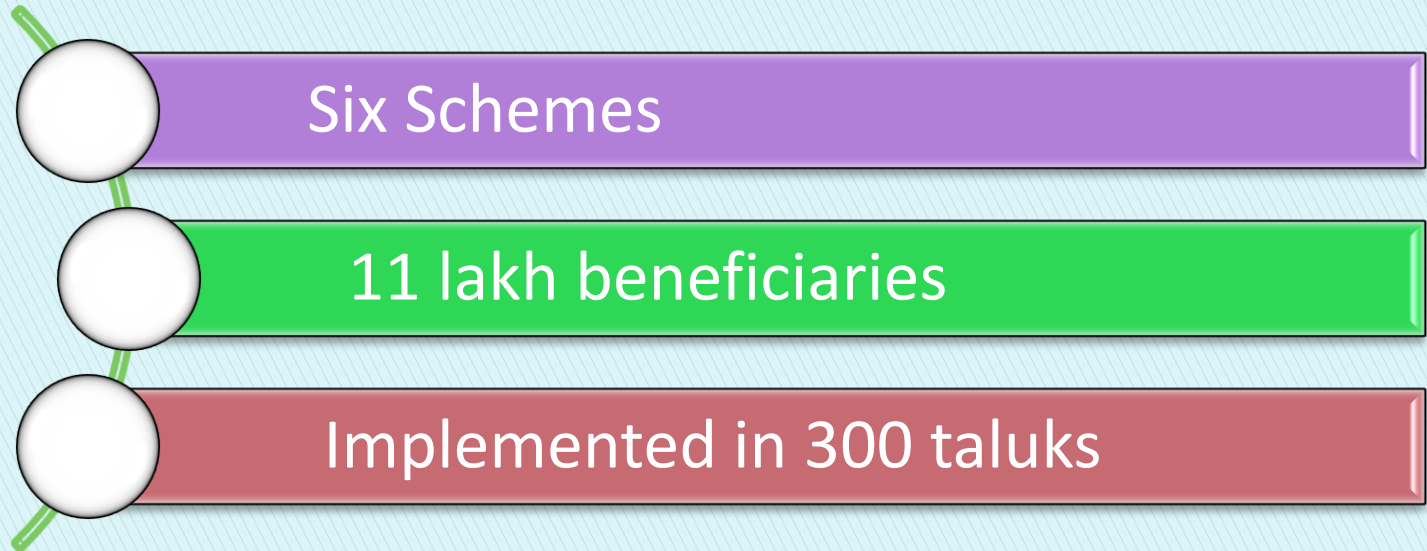- 11 Social Security Pension applications included

- More than 1000 Schools provided login for registering Students' applications

- More than 22K Revenue official's login maintained for processing applications through workflow.

Chief Minister's Uzhavar Padhukappu Thittam (CMUPT)

- Six Schemes
- 11 lakh beneficiaries
- Implemented in 300 taluks

eDistrict Project for Scholarship

BC & MBC

- More than 4.9 lakh students applied through 1547 Institutions online in 2018-19
- 4,84,139 lakh applications submitted
- 4,84,058 lakh applications sanctioned
- 4,75,224 lakh applications' scholarship amount credited through ECS
- Implemented in all 32 districts

ADI DRAVIDAR

- More than 5.1 lakh students applied through 5431 Institutions online in 2018-19
- Cheque disbursed to 2,84,411 students online
- Implemented in all 32 districts

eDistrict Project for Social Welfare

- 7 Services
- Implemented in all 32 Districts
- 391 rural administrative units
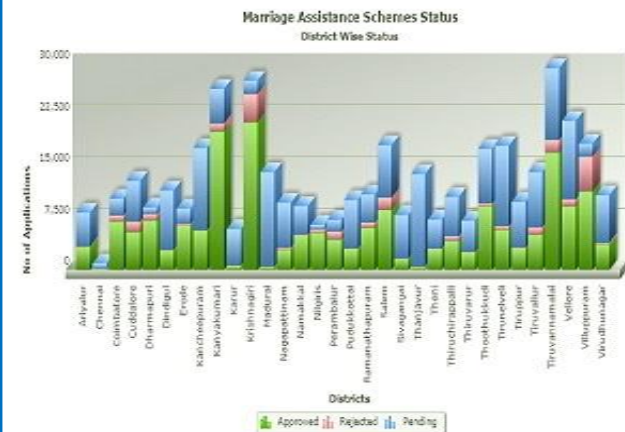- 720 urban administrative units
- More than 1300 active users
- 5 Services available for use through web forms
- 5 services through UMANG are in the testing phase.
- 50 Web Services for integrating UMANG implemented
- 50 Web Services implemented as part of webforms

eDistrict Project for Revenue Courts

Operational in all 10 District Revenue Courts

17,602 Main Cases and 2,038 EP Cases

Software for Fishermen Welfare Board

Member Registration and Processing of claims for various forms of relief / assistance

Implemented in all 31 ADF offices

Member Registration and Claims data entry in progress

Entry of existing member details in progress

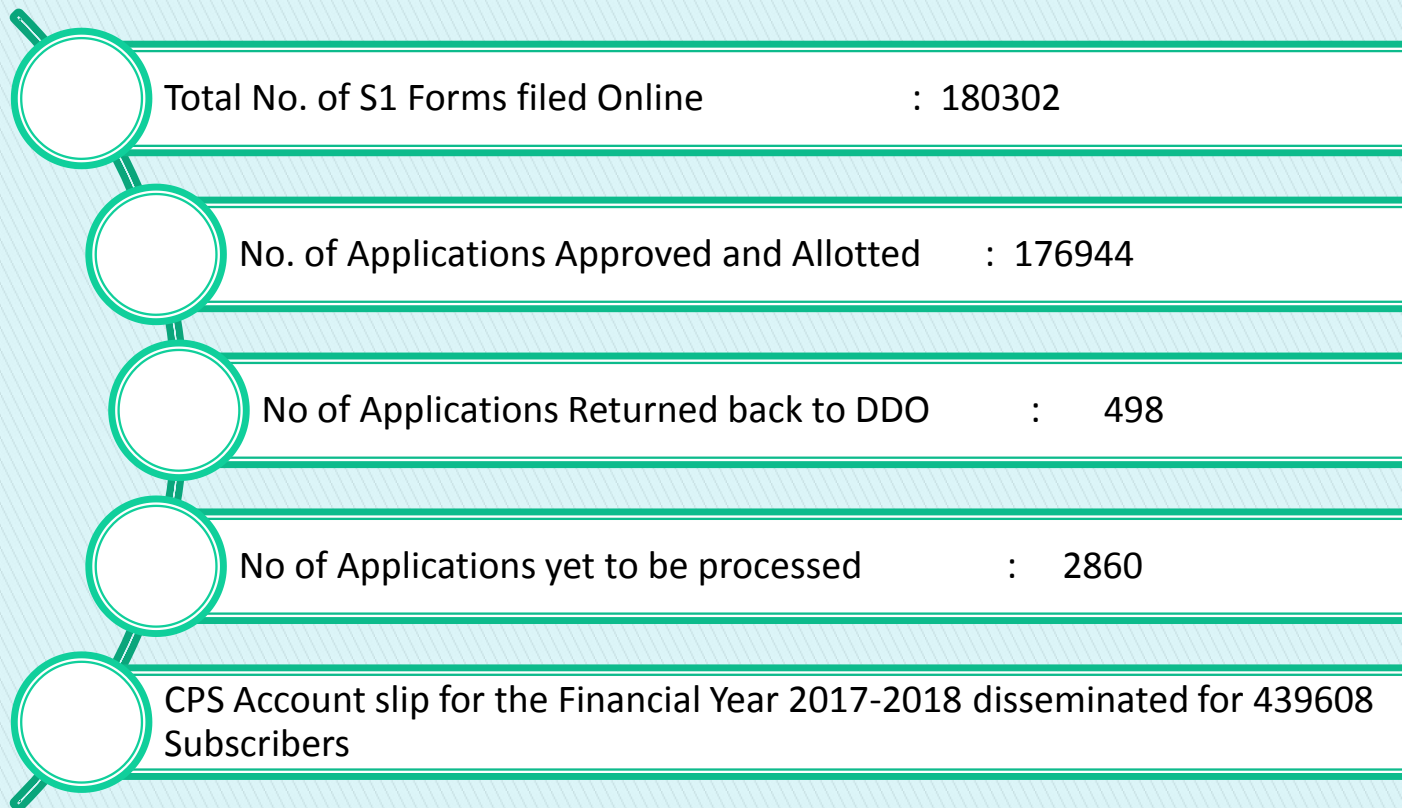**Bulk Upload of verified cases for claim application cases done**

New Entrepreneur-Cum-Enterprise Development Scheme

Online Filing of New Entrepreneur–cum-Enterprise Development Scheme (NEEDS) Application

So far 19117 Applications received on NEEDS

4843 Applications Sanctioned by Bank

Online Contributory Pension Scheme (CPS)

Total No. of S1 Forms filed Online : 180302

No. of Applications Approved and Allotted : 176944

No of Applications Returned back to DDO : 498

No of Applications yet to be processed : 2860

CPS Account slip for the Financial Year 2017-2018 disseminated for 439608 Subscribers

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Automated Treasury Bill Passing System (ATBPS)

Role based Workflow System

Bill details captured from the Data file submitted by DDOs

Bill Auditing is done by Accountant, Superintendent and approved by TO / STO.

Generates ECS file as per NPCI specified format.

Provision for uploading of Bank's e-Scroll Data (Government receipts) made available at Cyber Treasury

Accounts compilation reports generated for submitting to AG's Office every month.

MIS reports made available to Officers of Finance, Treasuries and Accounts Department

Facility Extended to Auditor General office to download monthly Accounts data of the District Treasuries and PAO's online from ATBPS System.

Facility provided to generate CPS Data which is being uploaded to Government Data Centre.

Implemented throughout the State in all 32 Districts including 240 Sub Treasuries and 9 PAOs

ePension System

- Provide better quality service and terminal benefits to Pensioners

- Provision to handle the process relating to new Pensioners and also the associated transactions for preparing monthly Pension bills etc

- Sending the Pension Payments through NPCI

- Pensioners Portal developed and implemented to view Pensioners Profile and Pension Payment details by the Pensioners.

- ePension System has been implemented throughout the State in all 31 Districts including 240 Sub Treasuries and PPO Chennai covering 7.24 lakh Pensioners

- Around Rs. 1700 crores monthly Pension and other Payments are being disbursed using system every month.

Web Payroll System

Centralized Employee Database containing the parameters recommended by the 13th Finance Commission

MIS reports on Government Employees for Treasury / Finance Department

Web Payroll Implemented for all 24000 DDOs across the State.

Total 9.69 lakhs employees data captured and Salary is processed using this System.

Around Rs. 4000 crores salary is disbursed using this system every month.

Online Chief Minister's Public Relief Fund (CMPRF)

Collect online contribution from public.

Integrated with IOB's Payment Gateway and provision made available for 40+ Internet Banking, Credit Card and Debit Card.

The system has been implemented successfully since January 2016

Rs. 3.07 crores collected till date

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# Online Filing of Plan Permission Application (PPA) for CMDA

Online Filing of Plan Permission Application

979 Applications received Online

720 Applications verified by CMDA and pulled into Intra CMDA for further processing

Integrated application for Sports Development Authority of Tamil Nadu, YW & SD Department

❖ **Building a Repository of Sportspersons in all disciplines, their performance, rankings, scores and grades**

❖ **Details of coaches for all Sports, their performance, achievements, coaching methodologies and planning**

❖ **All major competitions and Sporting events conducted in the state, along with the Results with clear mention of the performance of top finishers / teams**

❖ **Sporting infrastructure and facilities in the state**

❖ **Monitoring and Implementation of Schemes / Beneficiaries details**

❖ **Online Services for Online Booking of Stadiums for conducting events**

❖ **Online Membership for usage of facilities in Stadiums**

❖ **Computerization of Sports Hostels all over TN including admission of Students, Schooling, Coaching, Inventory and day to day administrative activities**

❖ **Dashboard service for each level in the SDAT**
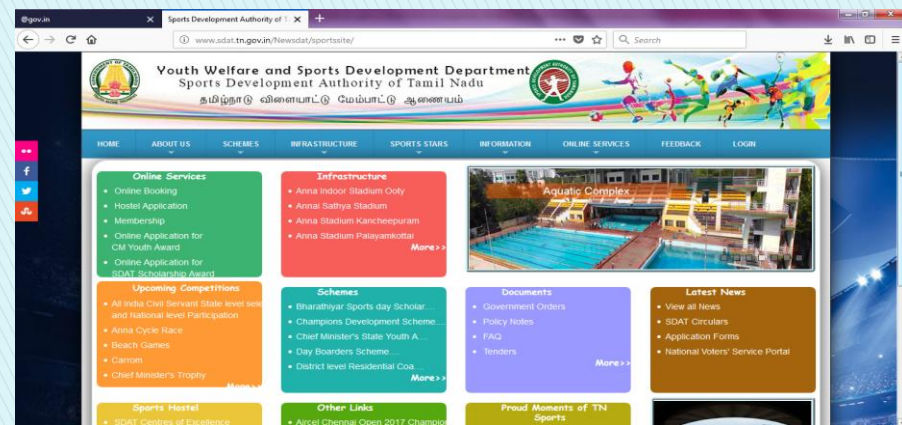
UNIVERSITY SUITE

Modules

Admission	Pre-Examination

Zonal Offices	Post Examination	Ph.D

Distance Education

Implementation

551 affiliated Institutions of Anna University	27 affiliated Institutions of Tamil Nadu Physical Education and Sports University	152 affiliated Institutions of Bharathidasan University

Thiruvalluvar University and Mother Teresa University under implementation

Online System For Local Body Election

Abstract of Local Bodies

- 5.93 Crore voters of Tamil Nadu
- 15 Municipal Corporations
- 121 Municipalities
- 528 Town Panchayats
- 12,524 Village Panchayats under 385 blocks in 32 Districts
- 1 Lakh Polling Station

Modules

- **Roll Preparation**
- **Nomination**
- **Polling Personnel Randomization**
- **EVM Randomization**
- **Result Dissemination online**

AEBAS in Govt. and Govt. Aided Schools

Number of HS : 3381	Registered employees of HSs : 38,589
Number of HSS : 3746	Registered employees of HSSs : 1,11,493
No. of MS : 7791	Registered employees of MSs : 54,173
No of CEO Offices : 32	Registered employees of DEOs : 1,976
No of DEO Offices : 120	Registered employees of BEOs : 4,804
No of BEO Offices : 413	

Total : 15483

Total Registered Employees : 2,11,035

NIC Email Services

At present 15,000 Users using tn.gov.in

Planning to migrate to Centralised Email Services
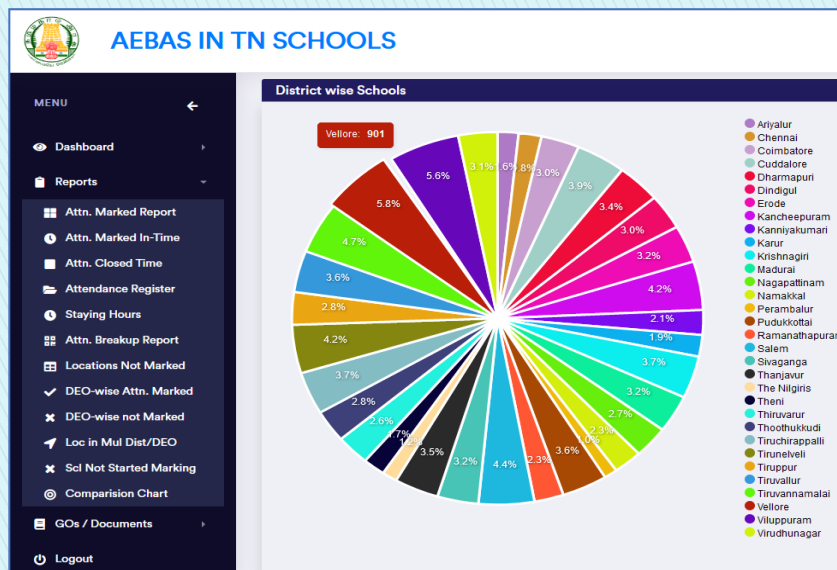
G.O. by Govt. of Tamil Nadu issued to use NIC Email Services
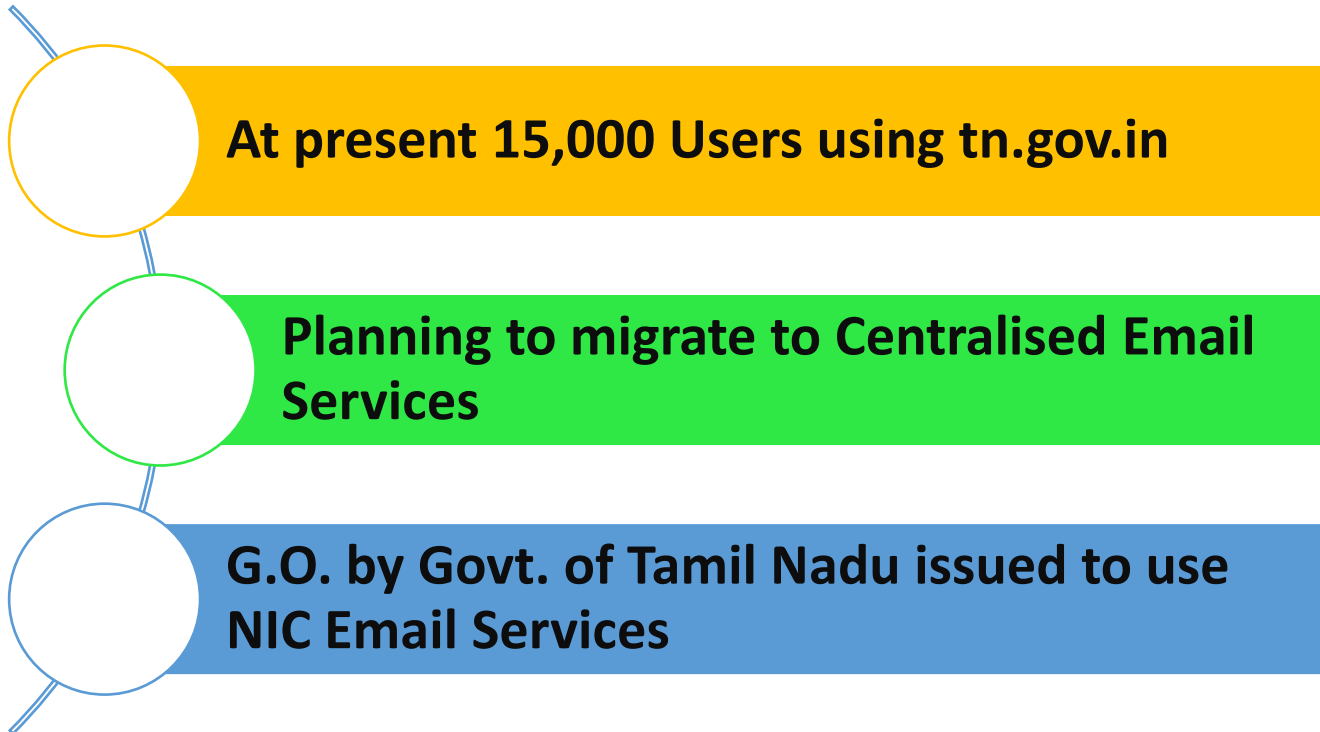
Implementation of eOffice in GoTN

Implemented in 17 Departments

Implementation in progress for 11 Departments

Issued the G.O. (G.O.12 dated 24/09/2019) for extending eOffice implementation to all Government Departments of Tamil Nadu

52, 714 files created and around 5000 users created

Extended User license for 10000 users

User extension for 50000 users in progress

PM-KISAN PORTAL

Launched on 24/02/2019
Total No. of Beneficiaries uploaded : 34.46 lakhs

Instalment No.	Fund Transfer Order Generated *(in lakhs)*	Payment Released *(Beneficiaries)*	Amount Released *(in Crores)*
1	32.41	31,17,023	648.17
2	30.45	26,56,433	608.95
3	23.90	10,22,285	477.99

VAHAN AND SARATHI

URL : http://parivahan.gov.in/

Implemented in all 145 RTOs

e-Challan APP implemented for 234 RTO Officials

e-Challan App implemented for 2150 Traffic Police Officials of Greater Chennai and TNPolice

PUCC implemented in all 849 PUCC Centres

Fancy Portal implemented in 145 RTOs.

Role of District Officers in Election 2019

New Initiatives

GIS Based Poll Information System.	District Poll Management System (DPMS)	Separate Page for Election in the District Web Portal

List of Activities Carried out by DIO / ADIOs

NIC extended technical assistance in establishing District Control Cell and ensured functioning 24 x 7 to allot the cases reported by the citizen to the respective flying Squad Team(FST)

C-Vigil investigator Mobile app installed in all the FST team's mobile Phone and training imparted on uploading of investigation report.

C-Vigil Decider Web Application demonstrated to ROs and all AROs on uploading the final report.

Ensured complete training of all stakeholders in carrying out the work through the mobile app and through the Web based system

Online System For Local Body Election

Abstract of Local Bodies

- 5.93 Crore voters of Tamil Nadu
- 15 Municipal Corporations
- 121 Municipalities
- 528 Town Panchayats
- 12,524 Village Panchayats under 385 blocks in 32 Districts
- 1 Lakh Polling Station

Modules

- Roll Preparation
- Nomination
- Polling Personnel Randomization
- EVM Randomization
- Result Dissemination online

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Collabland

Started in 2005 as Pilot project in Pudukkottai and Perambalur

As on date around 45 lakhs FMB sketches of all districts have been digitized.

Mosaicing of village maps is in progress.

Digitized FMBs are uploaded to the State Data Centre.

The map is viewed online by citizens along with Patta and chitta. (https://eservices.tn.gov.in)

Integration of Bhunaksha (Web Application of CollabLand) with TamilNilam is in progress.

Pilot testing of Integrated Bhunaksha and TamilNilam (Web Application of CollabLand) is done in Perambalur and Coimbatore districts.

National Biodiversity Portal
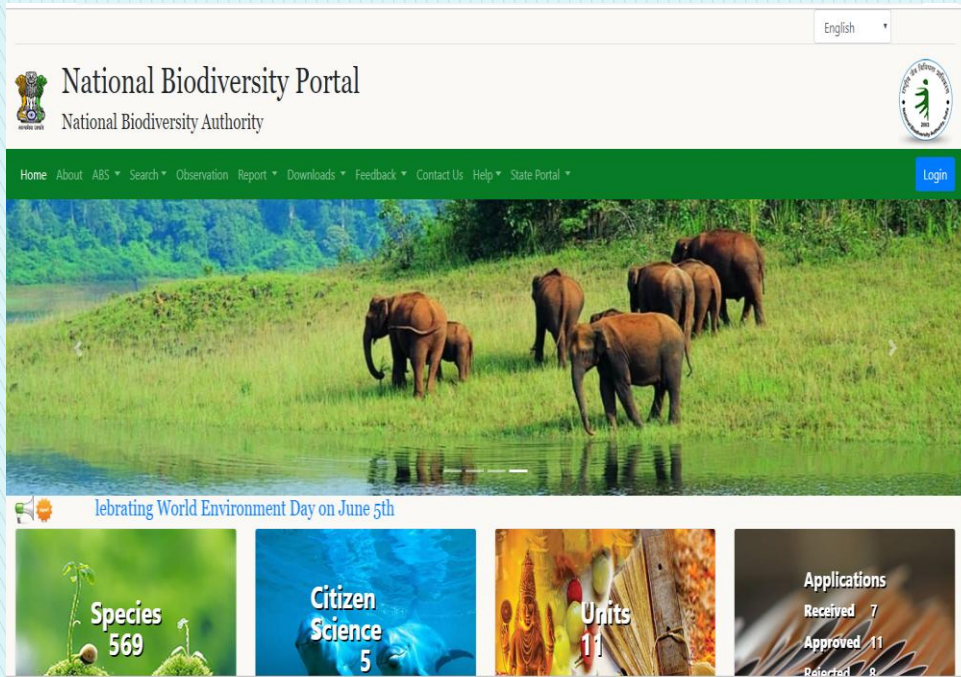
Portal for ePBR being launched

Kerala Biodiversity Board and
Goa Biodiversity Board Portals launched

Tamil Nadu Biodiversity Board Customisation and Implementation initiated

Priceless Saree & Dhoti Distribution Beneficiary Information System

http://www.pongalsareedhoti.tn.gov.in

Details of 1,59,60,722 Priceless Saree & Dhoti beneficiaries available

Implemented in 16646 Villages, 297 Taluks, 32 Districts

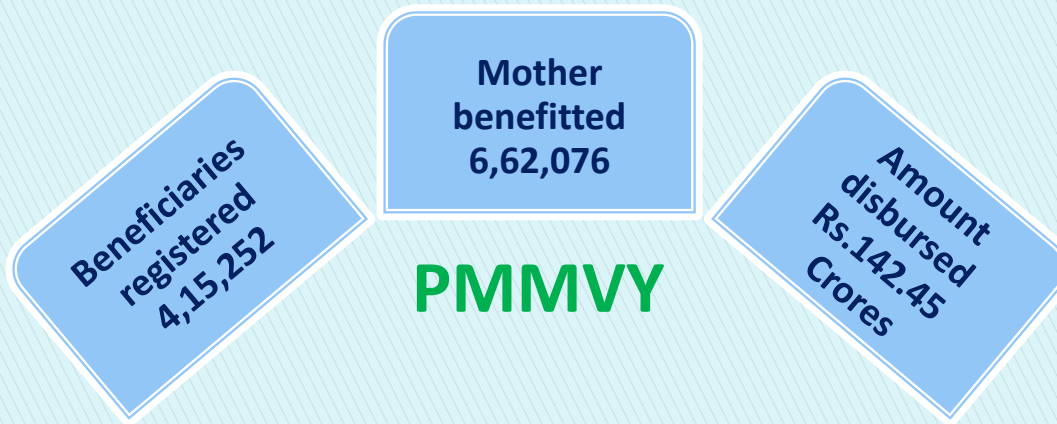Deduplication resulted in removal of 10 lakh beneficiaries

Intranet based Monitoring for free distribution of Milch Cows & Goats / Sheep

Purchase details of 10,21,934 Goat beneficiaries and 87,445 Milch Cow beneficiaries available.

Implemented in 107 locations in Tamil Nadu covering 31 Districts and 76 Divisional Offices.

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PICME 2.0(Pregnancy Infant Cohort Monitoring & Evaluation)

URL : https://www.picme.tn.gov.in

Beneficiaries registered
4,15,252

Mother benefitted
6,62,076

PMMVY

Amount disbursed
Rs.142.45 Crores

PICME

Eligible Couple Regn.	: 20,72,434
Mother Registration	: 26,35,926
Children Registration	: 19,82,544
Mother ANC	: 71,87,886
Mother Delivery	: 20,90,529
MRMBS Beneficiaries	: 49,74,450
MRMBS Amount	: Rs. 1750 Crores

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Madras High Court - Case Information System

URL : http://www.hcmadras.tn.nic.in

- New Case Information System National Core HC CIS 1.0 for Principal Bench and Madurai Bench is implemented.

- SMS alerts on Case Status and Cause Lists are being sent to Advocates.

- Status of cases and Daily Cause Lists are uploaded on Website.

- Citizen Centric Services are provided in Information centre and eKiosks

Mobile app for accessing case details available.

High Court Case details replicated to National Judicial Data Grid through webservices.

Mobile app for accessing Online Display Board.

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Madras High Court - Judgment Information System

- More than 7,39,968 final orders, 9,00,100 interim orders and 1,35,037 decrees are available in the system

- More than 19,100 order copies are being delivered to the Advocate/ litigant public monthly.

- More than 3,40,000 orders and judgments available in the portal.

- SMS alerts on Copy Applications Status are being sent to Advocates.

> Pagination System at High Court

> Virtual Courts

> Integration of CIS and CCMS of TN Secretariat.

eCourts

Case Information System (CIS NC v3.1) implemented in 1116 courts across the state.

More than 6,75,000 orders and Judgment available in eCourts Portal relating to TN.

Visitors Management System for Raj Bhavan, Chennai

This web application customised by the NIC Cell of Rashtrapathi Bhavan, New Delhi and implemented as part of the website of Raj Bhavan Chennai helps the public to book the admission tickets for viewing the Raj Bhavan Chennai on weekends.

Objective

This web application is implemented to enable the citizen who wish to see around the Raj Bhavan campus to book their admission tickets in advance by making online payment. In addition to this, offline payment can also be done.

Implementation Status

Successfully launched by the Hon'ble Governor of Tamil Nadu on 19th April 2017

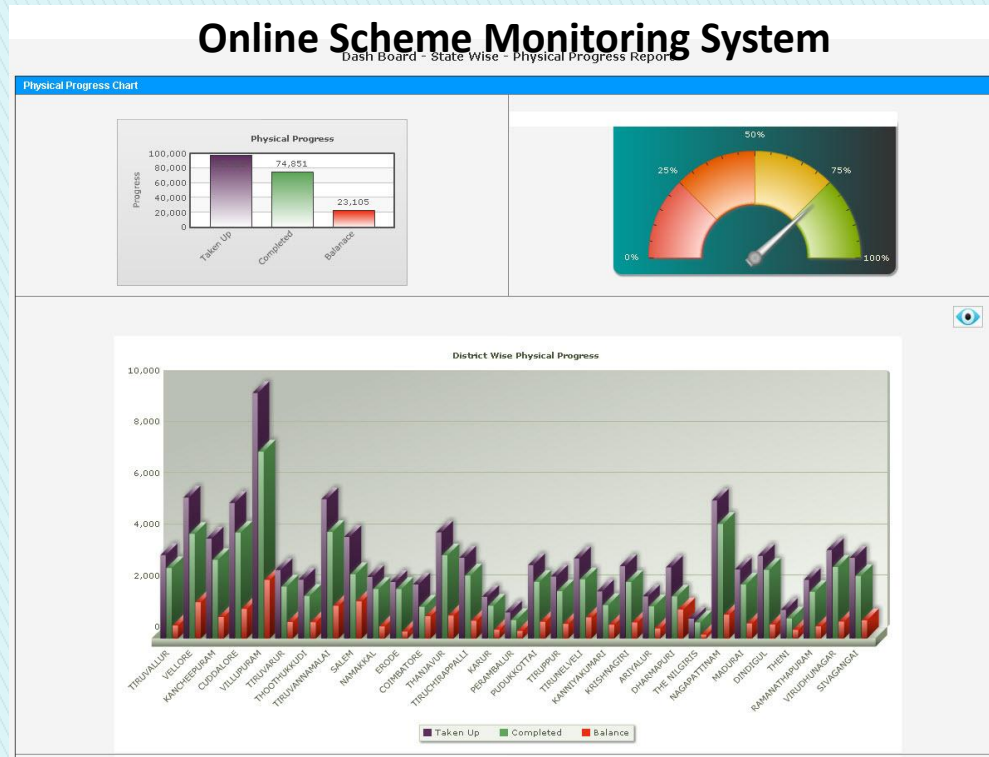# Unemployed Youth Employment Generation (UYEGP)

URL : http://www.msmeonline.tn.gov.in/uyego/

Launched on 26/02/2015 by the Honorable Minister for Rural Industries and Labour.

So far 34,856 Applications received on UYEGP.

9402 Applications Sanctioned by Bank.

Online Work Monitoring System (TNRD)

Implemented in all 385 blocks 32 districts of Tamil Nadu since 2008. New features are being added continuously

More than 9000 departmental users at Block, District and State Level are using this application

Mark Certificate Verification Services

URL : https:// dgeverification.tn.gov.in:8443/

Services extended to 95 users including District Chief Educational officers(CEO), Assistant Director(AD), District Supt. Of Police, Passport Chennai, Public Foreigners dept.

Verification System V5.5 has been deployed (Other Department / Institutions with Payment and HSC 2019 new Pattern enabled Module)

Total Number of Certificates Verified till 15th October 2019 is 14,09,499.

Total Number of CCM and MC Certificates issued till 15th October 2019 is 21,915..

Total Number of Open standard encrypted QR Barcode generated and printed on the HSC and SSLC Marks Certificates from 2012 to 2017 is 1,19,13,306.

Total Number of Open standard encrypted PDF 417 Barcode generated and printed on the HSC and SSLC Marks Certificates from 2013 to 2016 is 79,66,198.

eGoverance application for
Department of Ex-Servicemen Welfare of TN

Major Activities are Registration of Ex-Servicemen, Employment related activities, implementing various welfare schemes and Miscellaneous activities related to Ex-Servicemen. A work flow based system is developed for Registration, Grievances Redressal and issue of various certificates.

Based on this 1,87,771 Ex-Service Personals information are collected by the system. All major services are available ON-LINE. Supports Native language

State/District Level Officers, TEXCO, Secretary/ADS to the Government, Public Department, All Ex-Service personals/Officers

WEB-App based Enquiry, Provision to upload important messages ,SMS/eMail alerts, Broadcasting Flash News, FAQ and Feedback are some of the facilities
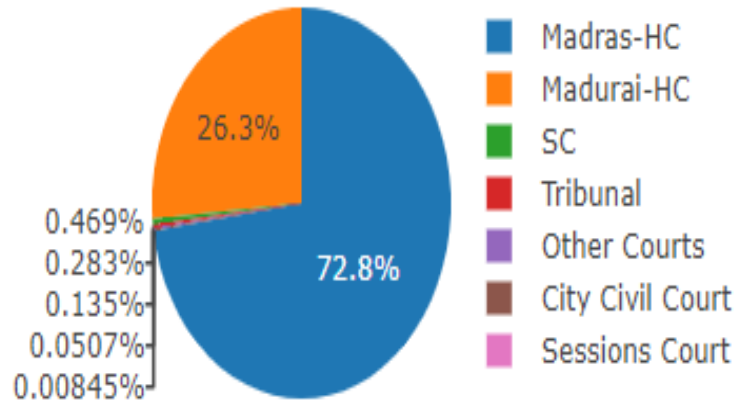
Textual_dash_board or Graphical Dash Board gives clear picture of their pending and completed activity
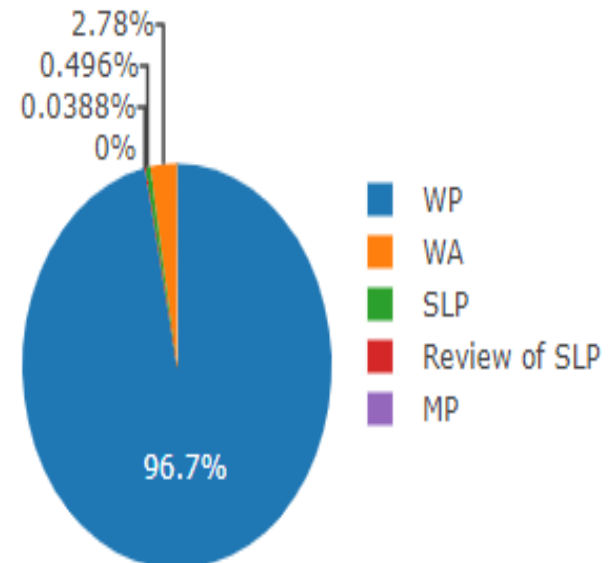
Court Case Monitoring Information System(CCMS)

Implemented in all the 36 departments of TN Secretariat, with 7 roles.

Court Wise Case Details

- Madras-HC — 72.8%
- Madurai-HC — 26.3%
- SC — 0.469%
- Tribunal — 0.283%
- Other Courts — 0.135%
- City Civil Court — 0.0507%
- Sessions Court — 0.00845%

Stage Wise Case Details

- WP — 96.7%
- WA — 2.78%
- SLP — 0.496%
- Review of SLP — 0.0388%
- MP — 0%

Online Monitoring Systems for Rural Development

- Online Scheme Monitoring System
- Online Monitoring Individual Household Latrine Scheme (Swachh Bharath Mission)
- Village Panchayat LED Monitoring System
- Village Panchayat Electricityy Consumption Monitoring System
- Road Register, Survey for PMAY, MI tanks
- Stock Monitoring for Cement , Bitumen and Emulsion
- Various Android based APPs
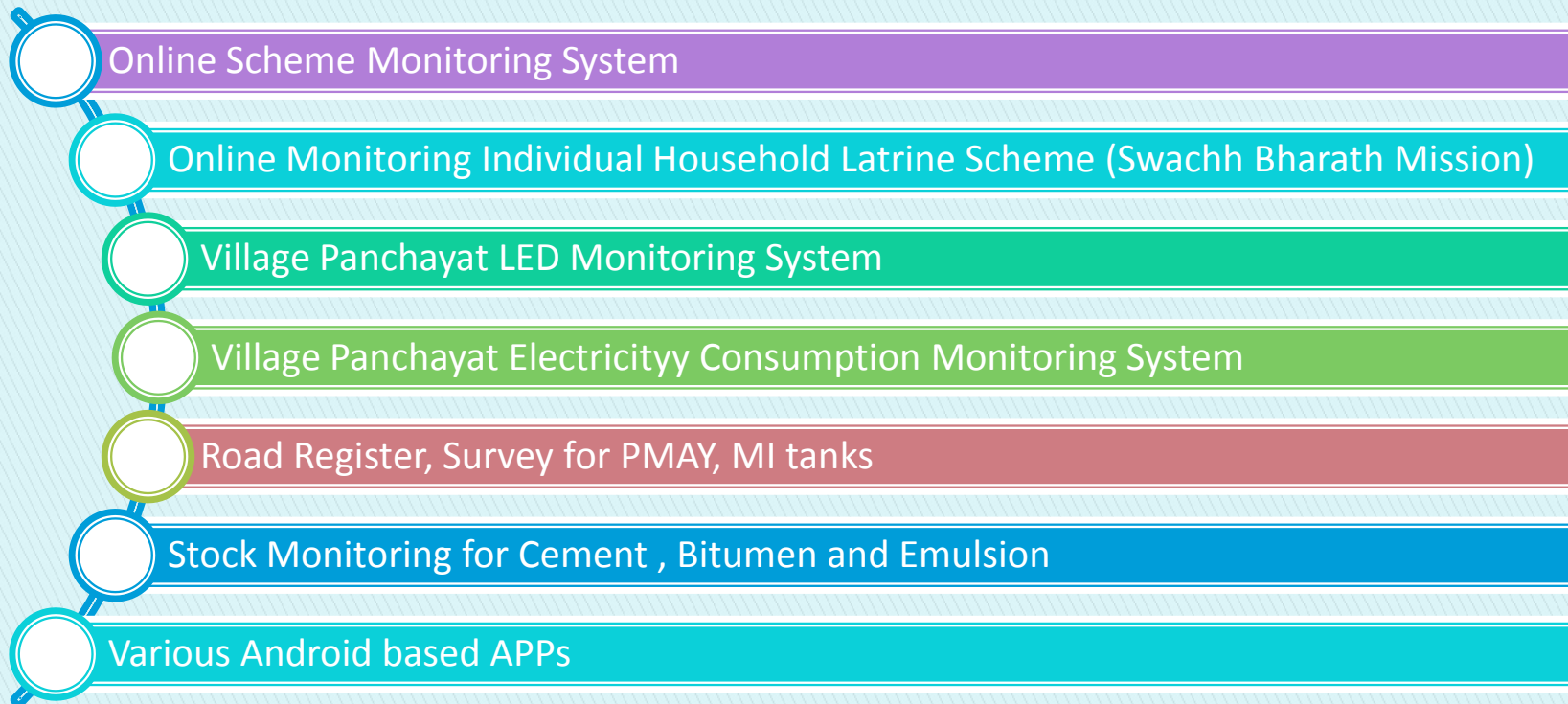
Implemented in all 385 blocks 32 districts of Tamil Nadu

ONE TIME ASSISTACE SCHEME TO BELOW POVERTY LINE FAMILIES

Features

- 63 lakh family details including their 1.5 crore family members captured in a week
- Validation with PDS for family ID verification
- Bank Account Verification Automated
- Exclusion of Government Employees
- Score card for selection for the grant within BPL families
- Day-to-day Reports to District, Blocks and State
- MIS Reports at all levels to monitor the petition processing within the respective jurisdiction.
- Grpsh for various categories of BPL families

Status

- Cleaned Date is ready for sending disbursement to banks

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Online Examination System

Online Examination System - National Informatics Centre (OESNIC)

K.K.

🏠 **ONLINE DEMO TEST**

Online

Do not touch any key in the keyboard, Use only mouse for your examination.If you touch any key in the keyboard your examination will be t

Online Exam for the post of Demo Test

| Name : **Demo User** | Reg No :**Demo** | Employee ID :**Demo** | |
| Total Time : **00:15:00** | Time Remaining : **0:14:20** | | Total Questions : **25** |

1)Which of the following menu types is also called a drop-down menu?

- ○ **A.fly-out**
- ○ B.cascading
- ○ **C.pop-up**
- ○ D.pull-down

Difficulty level : Easy   Mark : 1   Nagative mark : -0.5

| Save & Next | Review your Answers | Mark a Question for Review | Reset an Answer |

Question Pallete

Questions Answered :

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 |

| 🟢 Questions Answered | 🔴 Questions Not Answered | ⚪ Questions not Viewed | 🔵 Marked Questions for Review | **END TEST** |

2017 © NIC

| **Total Number of tests conducted: 73** | **Total Number of Candidates Registered: 5058** | **Total Number of Candidates Attended: 4041** | **Percentage of Candidates Attended: 80%** |

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BPL SCORE CARD - Occupation

Pie chart legend: Coolie / Labourers on daily wages (84.3%), Unemployed, MF, SF (5.8%), Self Employed, Member of any of the labour welfare boards, Part time govt Employee, Govt Employee, Govt Undertaking, Private Organization, Pensioner of Govt Private Organization, Others
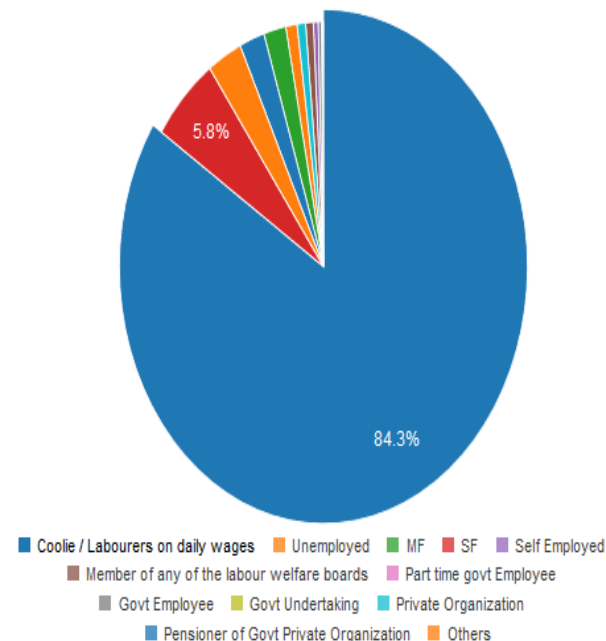
Iot Based Real Time Street Light Control & Montoring System
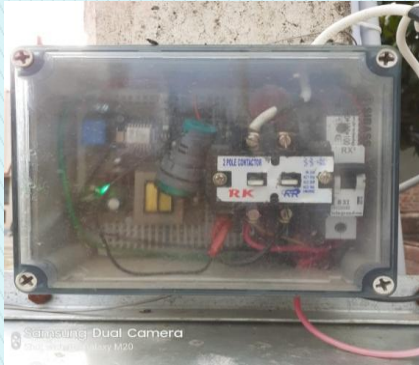
Controller unit to cut off power or ON the power at scheduled time. This controller desighned exclusively for villages controls maximum of 64 Lights

FDD (Fault Detective device) to send data about whether Light is ON or OFF

Power Consumption is reduced considerably

Implemented in Karungadu Village in Tirunelveli District I

After Installation Fusing of LED LAMPS are avoided

Three Controllers are installed (c1-36,c2-51,c3-18)

There are 98 LED LAMPS

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Mobile App Development Competency Center TN
Mobile App for Oral Pre Cancer Screening Programme

32 Districts with user base of 262 Dental Surgeons, 262 Dental Assistants in GH & PHC level users
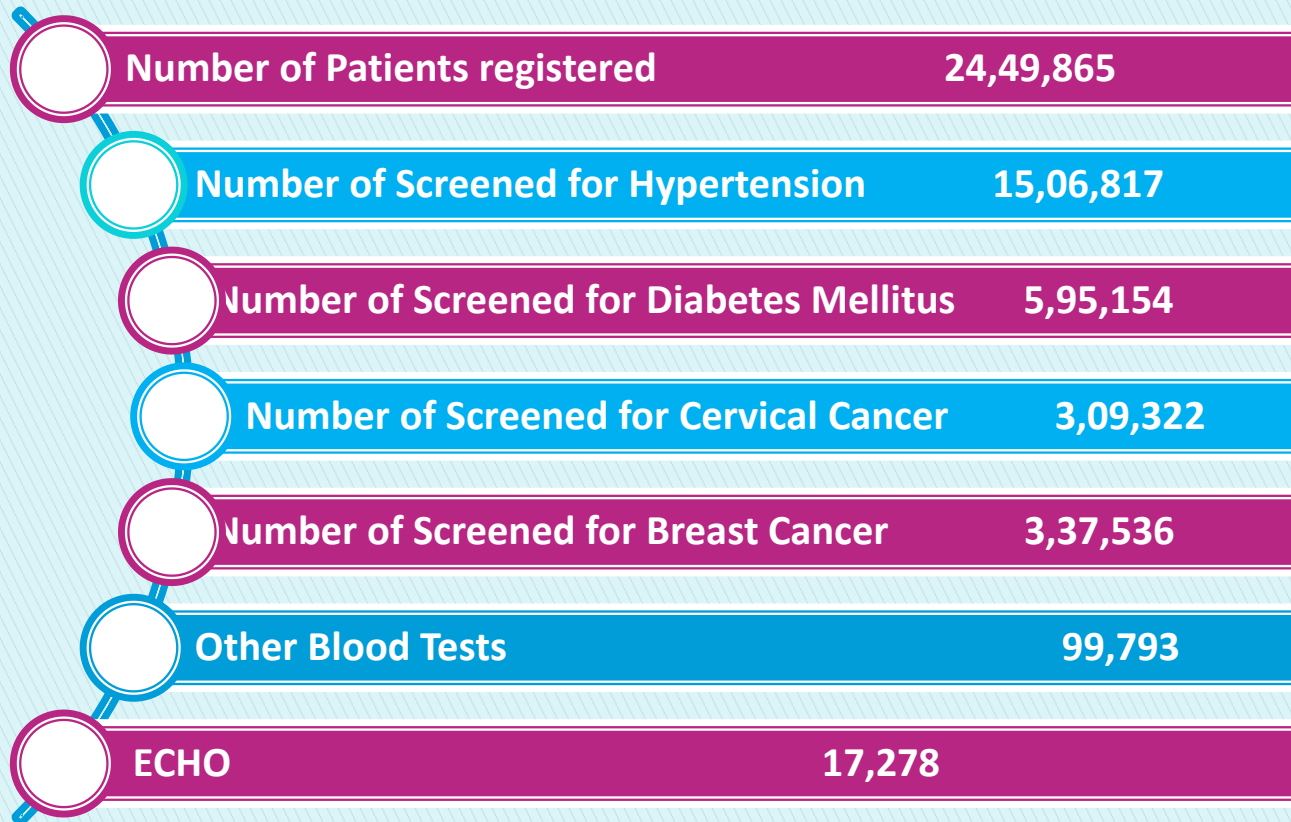
Surveyed 57.5 lakhs citizens (in 17.40 lakhs families, in 62,665 - villages in 252- PHCs) were surveyed.

10,110 Photos of oral lesion inside the mouth of 17,105 suspected cases were uploaded using the mobile app.

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NIC

Mobile App Development Competency Center TN
Mobile App for NPCDCS

Number of Patients registered	24,49,865
Number of Screened for Hypertension	15,06,817
Number of Screened for Diabetes Mellitus	5,95,154
Number of Screened for Cervical Cancer	3,09,322
Number of Screened for Breast Cancer	3,37,536
Other Blood Tests	99,793
ECHO	17,278

Mobile App Development Competency Center TN
Services to MOPR & MODWS
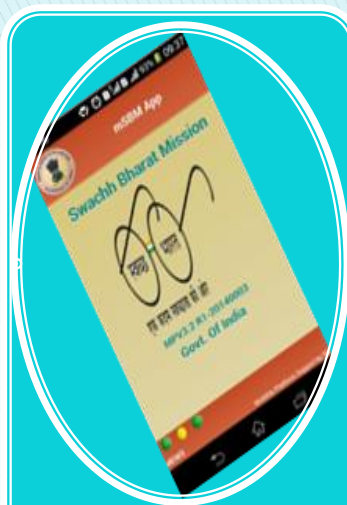
Swachh Bharat Mission

(mSBM)

Ministry of Drinking water and Sanitation

Mobile App to capture the data about free toilets provided in rural areas.

9 Crore 35 Lakhs Photos uploaded since launch

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mAsset Directory

(Ministry of Panchayati Raj)

Mobile App to capture Asset photographs and geographical coordinates (latitude, longitude) of various assets at the gram panchayat level.

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mRWS

(Ministry of Drinking water and Sanitation)

Mobile App to capture the Photos of the Water Source, Delivery point, House hold connection and the Functionality Status of water sources.
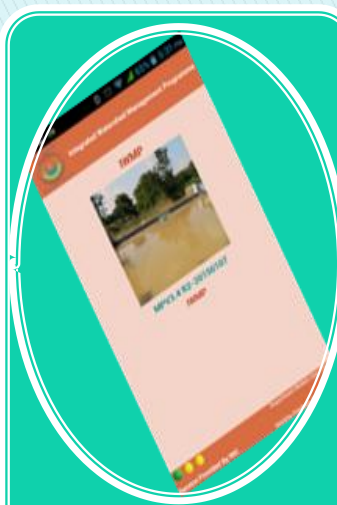
IWMP

(Ministry of Rural Development)

Mobile App to capture the Watershed Management Programme in Rural Areas

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RAGAV

(Ministry of Panchayati Raj)

Mobile app for Panchayat Raj to view report on GPDP count, Release and Expenditure of 14th FFC Grant.

Mobile App Development Competency Center TN

❖ **TN Police – Citizen**

Mobile app developed for Tamil Nadu Police department for citizen to register the complaint and to view complaint registration status, FIR status, CSR status and Vehicle status.

❖ **Amma e-Services of Land Records (Rural)- Citizen**

Mobile app developed to view the rural Land records derails such as A- Register, chitta details, Type of land and application status.

❖ **Tamil Nilam-Urban (Land Records)**

Mobile app developed to view the urban Land details and application status.

❖ **Differently Abled ID Card**

Mobile app developed for Ramanathapuram district for public to apply for Differently Abled ID Card , view benefit status, and view scheme details

❖ **Chief Ministers Special Cell Grievance**

Mobile app developed for public to send Grievance petition and track Grievance petition status

Mobile App Development Competency Center TN

❖ **ITMS – HR&CE**

Mobile app developed for Hindu Religious and Charitable Endowment board to capture the Geo- Location of all Temples in Tamil Nadu state.

❖ **CSC Nellai**

Common Service Centers are the front end delivery channels to provide various Tamil Nadu Government e-services."CSC Nellai" is an App to list out all Common service Centers located near to you present location in Tirunelveli District

❖ **Dengue Reporting**

Mobile app developed for Health department to capture daily incidences of dengue such as patient details, type of medical test taken and Geo coordinates.

❖ **Nilgiris Tourism**

POC mobile app developed to promote Tourism in Nilgiris. The app features such as Tourist Guide, Events Calendar, Hotels Resorts, Tourist Places, Image Gallery, Emergency contact details.

Mobile App Development Competency Center TN

❖ **THIRUKOIL**

Mobile App to Show data for Moolavar details, Pooja timings, office details, special Festival details by searching the temple name or by choosing the district, taluk, village and temple name.

❖ **ARCHAEOLOGICAL MONUMENTS APP (POC)**

POC Mobile App developed for Tamil Nadu Archeological Department to capture the details of the archaeological monuments details, images with lat long location.

❖ **Water Chlorination Monitoring**

POC Mobile app developed to monitor the Chlorine level in Drinking water Tanks. The chlorine level in drinking water tanks are captured and uploaded along with geo coordinates for monitoring

.

Directorate of Government Examinations

Board Examination Results Dissemination

Web based Result Dissemination since 1998	**For HSC+2, HSC +1, SSLC, ESLC and other Examinations Results by DGE**	**Thrice a Year published**
	Mobile based Delivery	**Responsive Design for Cross Compatibility**

Government of Tamil Nadu
Directorate of Government Examinations

HSE(+2) Result - Mar 2019

MEGHA ASOKAN (4528199)

Subjects	Int The Pra	Total Marks	Pass
LANGUAGE		085	
ENGLISH	010 075	081	P
PHYSICS	010 071	069	P
CHEMISTRY	010 039 020	057	P
BIOLOGY	010 027 020	063	P
MATHEMATICS 010	010 033 020	066	P
TOTAL	010 056		P
		0421 PASS	

Back

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Public Examination Results Dissemination

- **More than 9,00,000+ Students viewed for HSC Results**
- **More than 10,00,000+ Students view for SSLC Results**
- **State of Art Technologies**
- **Mobile App Launched for HSC and SSLC in May 2017**
- **Progressive Web app is used for first time for HSC(+1) Results from May 2018**
- **iOS App launched from Apr 2019 for HSE(+2), SSLC and HSE(+1) Results**

- **Online Nominal Roll for HSC, SSLC**
- **Online Application for Registration of Private Candidates**
- **Online Applications for Revaluation / Retotaling**

Provisional Mark Sheet Dissemination

- Available for HSC and SSLC Examinations.

- Validity of 90 days as per the Government Order Issued.

- Students can directly download from the website.

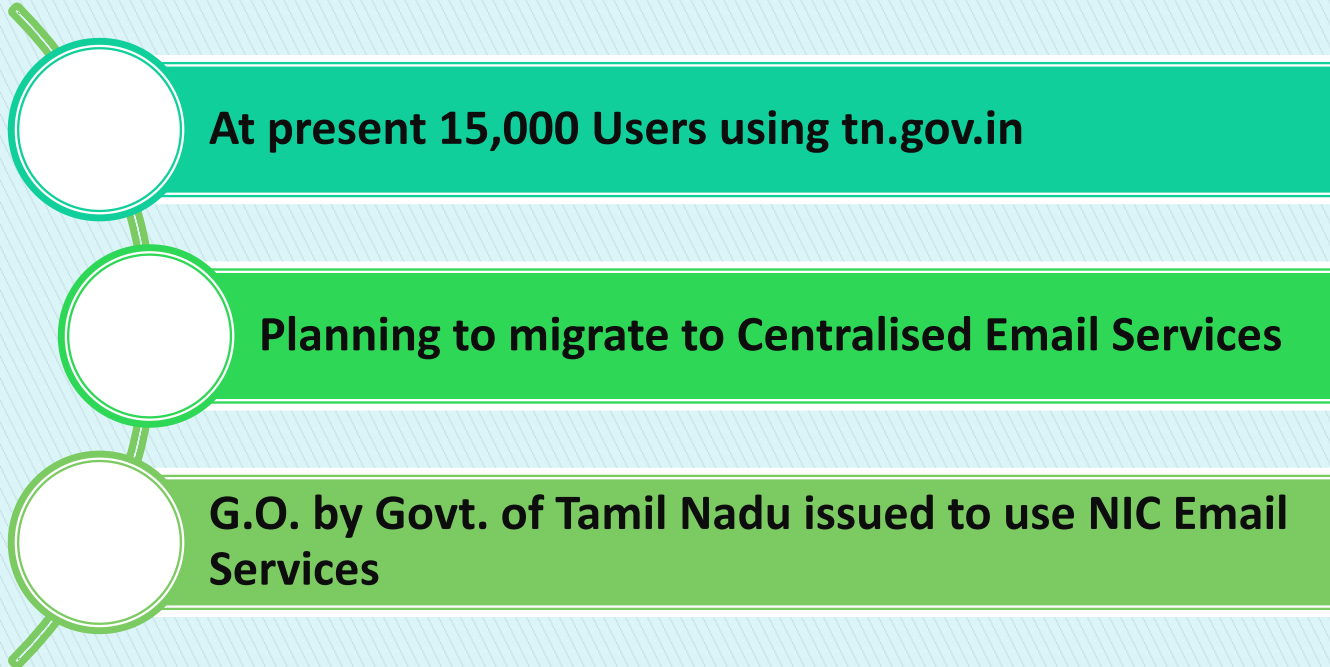- School authorities can login and download the Provisional marksheet

- Simplifies Mark Sheet requirement for Admissions into Professional Courses

- Provision for verification is available

- First of its kind among School Examination Boards

NIC Email Services

At present 15,000 Users using tn.gov.in

Planning to migrate to Centralised Email Services

G.O. by Govt. of Tamil Nadu issued to use NIC Email Services

Web / Cloud Hosting

Facility availed from Sastry Park, New Delhi & Hyderabad

More that 350+ web sites / application hosted

VPN Provisioning

Security Audit

Pre-configured Web and Application Server supporting Windows, CentOS

DB Server support for SQL Server, Oracle, MySQL, Postgres & others

Open Stack for cloud is under progress

Digital India
Power To Empower

NATIONAL INFORMATICS CENTRE
NIC

TN State Spatial Data Infrastructure – TNGIS

Tamil Nadu State Spatial Data Infrastructure (TNSSDI) is an initiative from IT Department, Govt. of Tamil Nadu aimed at collating the geo-spatial data from various State Govt. Departments, organization of datasets as per the defined standards, design and development of TNGIS-TNSSDI portal as a one-stop-source for all the geospatial data.

URL : https://tngis.tn.gov.in /

- ❖ Built Completely on Open Source GIS Tools.
- ❖ Creation of Centralized Geo-Spatial data repository comprising of 350+ Vector layers and 33000+ scanned village maps in   PostgreSQL with PostGIS
- ❖ Setting up of Service Oriented Architecture (SOA) based framework for dissemination of GIS layers using GeoServer GIS Web Server
- ❖ Responsive Web design using Leaflet JavaScript library.
- ❖ Districts / Departments/ Roles / users based authentication.
- ❖ TN Base map with 18 layers at 10 different scale levels as per the global standards like Google, Bing etc.
- ❖ Area of Interest Tool, Buffer, Geocoding, Network analysis using free and open API's.
- ❖ Progressive Web application created for Crowd Sourced Spatial Data creation.
- ❖ Service based Thematic Map Implementation for State Govt. Schemes.
- ❖ Upload Spatial data in Shape files / GPX formats Framework.
- ❖ Mashup with Online Web Map services like OSM,ESRI etc.
- ❖ MakeMyMap module deployed to enable user to create Thematic Map for data in CSV or Excel format uploaded from client machine
- ❖ Shared Spatial Layers through WMS to various Central/State Govt. Depts.
- ❖ Print any combination of layers in any size / any layout .

TN State Spatial Data Infrastructure – TNGIS

Implementation

❖ The website was formally launched by the then Chief Minister on 5th August 2016.
❖ 32 Stake holder's spatial data collated and integrated in the system. Around 500 users credentials created for various State Govt. Department Officials and 4000 public users registered for accessing TNGIS.

Milestone

❖ SDSS for SSA for
  ➢ Identification of unserved hamlets for Primary, Upper Primary, High and Hr Sec Schools.
  ➢ Identification of unserved hamlets for Residential Schools / Hostels
  ➢ Identification of schools for upgradation in unserved regions.
❖ SDSS for 108 Ambulance Services for using dynamic Grid / Cluster / Proximity Analysis
  ➢ Identification of high density accident zones
  ➢ Identification of roads having maximum no. of accidents
  ➢ Identification of critical zones without 108 services within any given distance.
  ➢ Identification of critical zones without Trauma Care facility
  ➢ Impact: Response time for 108 Service reduced from 18 to 14 minutes (State average) and 10,000 additional RTA availed
❖ Cyclone relief Work: TNGIS application was extensively used in the GAJA cyclone relief work for four affected districts namely Pudukottai, Thiruvarur, Nagapattinam and Thanjavur especially with the restoration of electricity supply to the households.
❖ Election GIS: Election GIS has been successfully demonstrated for Tirunelveli District, TN during the General Elections held in April 2019.
❖ Developed Mobile GIS application for capturing geographic location details of dengue cases in Kanyakumari District, TN.

TAMILNADU NIC NETWORK DIAGRAM
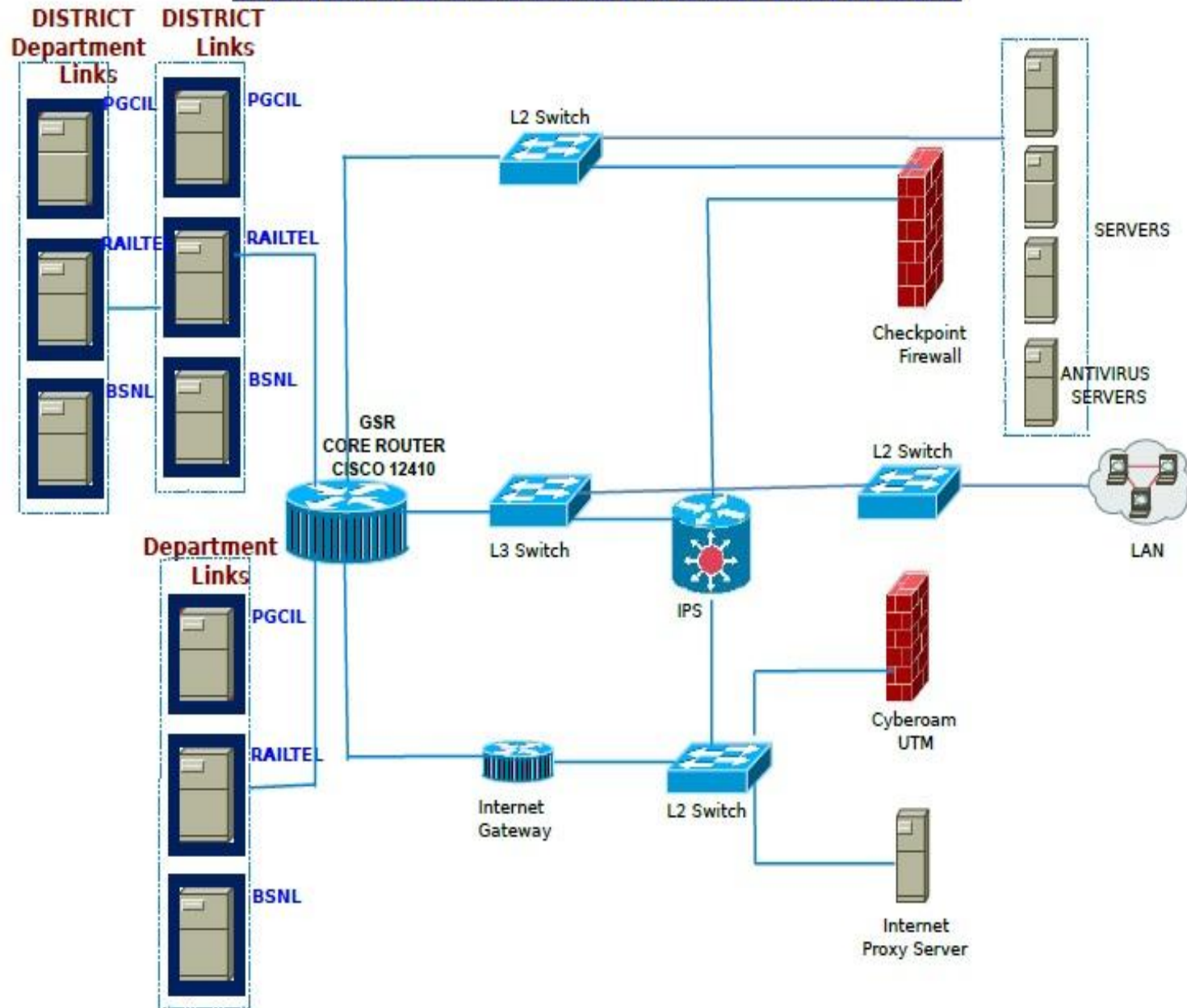
NIC Mini Data Center

- **Total No of Racks – 14**
- **Total No of Rack Servers – 69, Co-location servers – 40**
  1U SERVERS - 9, 2U SERVERS -25
  4U SERVERS - 7,ONE BLADE ENCLOSURE WITH 8 FULL BLADES,
  TWO NO OF BLADE ENCLOSURE WITH 14 HALF BLADES, ONE
  BLADE ENCLOSURE WITH 3 HALF AND 3 FULL BLADES

- **STORAGE- HP Storage Works HSV400 6410- 5T**
- **HP LTO-4 Tape Library 2 Drives with 40 Tapes. Each Tape Capacity 1.6TB**
- **Firewall-Checkpoint4800/T-180/R80 (Server Farm Firewall)**
- **Cyberoam-CR1500iNG-XP/10.6.3 RC-4 (UTM for Internet Browsing for LAN)**
- **FORTIGATE/5144C**
- **IPS -McAfee/M-4050**

- **CISCO Routers - ASR 9010 , GSR 12410, ASR1002,ASR1002X,7206**
- **CISCO Switches -3750G, 2950 ,2960S,2960X**

NICNET LEASED LINE DETAILS

CORE LINKS(NKN)

11 Links – 10 Gbps

DISTRICT LEASED LINES DETAILS

22 Districts - 34Mbps
02 Districts - 2Mbps

NKN Leased Lines

17 Districts - 1Gbps
10 Districts - 100Mbps

Departmental Leased Lines (110LL)

Ezhilagam – (2*34) Mbps
RajBhavan Chennai – 8 Mbps
CGHS – 2 Mbps - 14
PAO – 2 Mbps - 13
Ecourts Chennai – 2 Mbps - 7
High Court Chennai – (3*2) Mbps
Ecourt CityCivil Chennai – 8 Mbps
Secretariat – (3*2) Mbps
Secretariat – 16 Mbps
Other Dept Links – (24*2)Mbps
Other Dept Links – (20*8)Mbps
Other Dept Links – (4*16)Mbps
Other Dept Links – (5*10)Mbps
Other Dept Links – (12*34)Mbps
Other Dept Links – (1*134)Mbps
Other Dept Links – (2*100)Mbps
Other Dept Links – (1*1)Gbps

OTHER DEPARTMENT LINKS

Passport Office
Registrar of Companies
ICMR – TRC
ICMR – EPI
FCI
DRD
TREASURY
Defence Estate
SCRB
NDRF
Official Liquidator
CAT
MPEDA
BOI
CBI
Defence Estate
DIR of Enforcement
PIB
IBM
Atomic Energy (DAE)
RGNIYD

OTHER DEPARTMENT LINKS

MEPZ
BCAS
Directorte of Light house
Chennai Corporation
Legal Affairs
JDGFT
FCI
NGT
Large Tax Payer
BIS
Bio-Diversity
BOI
National Health Mission
CDSO
CDTL
IAAD-CAGI
Director General Civil Aviation
Archeological Survey of India
Central Ground Water
CISF
Patent office

Video Conferencing

MCU & VC Endpoints

Polycom Real Presence Collaboration Server / RMX 1800
Video Port : 40

5 NIC Studios in Chennai	12 VIP Studios	21 Department Studios

Usage During 2018

- **Utilization hours : 43000 (3rd highest utlisation state)**
- **Conferences : 2650**
- **CIC : 659**
- **State level : 663**

Usage During 2019 (Jan -Sep)

- **Utilization hours : 36334 (3rd highest utlisation state)**
- **Conferences : 2023**
- **CIC : 391**
- **State level : 560**

Tamil Nadu State Data Centre

- **First ISO certified State Data Centre (Tier-2) with an SLA commitment of 99.85% uptime**
- **Facilitates the Government Departments to host their applications / portals in a secured environment**
- **Features Two Cloud environments for hosting of applications (CDAC & Sify)**
- **Provides Disaster Recovery facility with replication at DRC, Trichy**
- **Network backbone provided by NKN (1Gbps) with redundancy**

No of Applications (Cumulative)

Year	Applications
2011	4
2012	10
2013	14
2014	30
2015	75
2016	98
2017	111
2018	144
2019	175
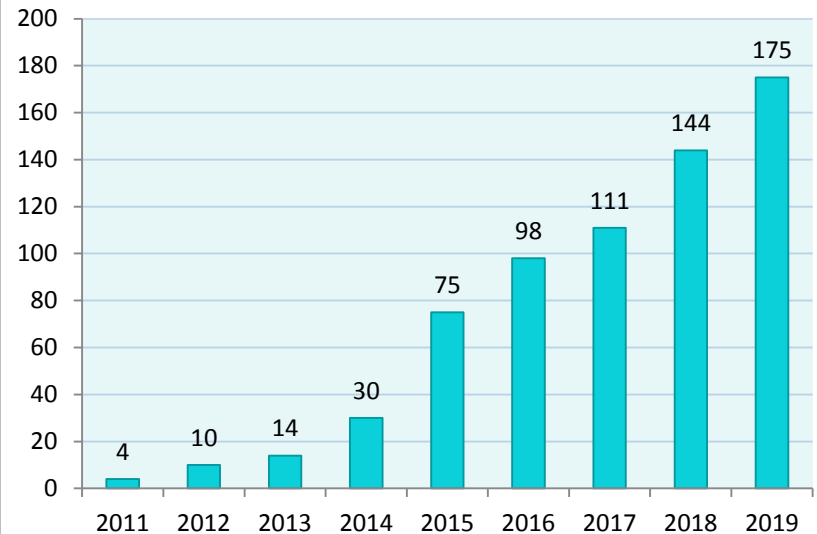
- Equipped with SIEM tool HP ArcSight, DDoS and WAF for real-time network and security monitoring
- Commissioning of Phase-II building with 4,250 Sq.ft server farm area is completed
- 175 applications / portals have been hosted so far
- Strict SSL compliance for new applications

Major applications include :-

TN State Portal, CCTNS, Health, TNVAT, SRDH, e-Districts, Land Records, Registration, Treasury, Education, PICME,CMA, Chennai Corporation, Examinations, Aavin, DTCP, Employment & Training, Temple Management and Archaeology

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Thank You!!!