e-Governance Initiatives of Government of Tamil Nadu

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e-Governance Initiatives of Tamil Nadu

- Enterprise wide architecture
- Institutions
- Rules, policies, Standards
- Software
- Infrastructure and hardware
- Training and HRD

Enterprise wide architecture

- People
- IT Infrastructure
- Lands,Assets and materials
- Intangibles: Standards, Institutions, rules, policies
- Processes and transactions
- Money
- Information/ Data
- Require identification tags

Infrastructure

- **Data Centre Infrastructure**
  - SDC, DRC, NLDR, Cloud
- **Network and connectivity infrastructure**
  - TNSWAN - Vertical and Horizontal
  - NKN linkage, Secnet
  - Bharatnet,Tamil Net, Schoolnet
- **Delivery infrastructure**
  - 10000 centres, mobile platforms, WIFI

INSTITUTIONAL FRAMEWORK

- Directorate of E-Governance
- TNEGA
- ELCOT
- TANFINET
- TACTV
- Tamil Virtual Academy
- ICTACT
- Data Analytics Unit(DAU)

People

- SRDH - linkage with
  - Birth
  - Death
  - Migration
- Makkal portal: Makkal number
- Encrypted key mackerel number
- Aadhar vault

Software

- Aggregation Software: E District, e Biz
- E-office
- e-procurement
- IFHRMS (fin and HR)
- Land records - dynamic data base integrated with
- GIS
- Data Analytics Unit(DAU)
- Email

Funds?

- IFHRMS
- 0.5 to 3% over 5 years

Policies and frameworks

- *e-Waste Policy*
- *e-Security Policy*
- *Tamil Nadu IT (ESD)Rules, 2016*
- *Standards and meta data standards manual*
- *Email policy*
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- *e-Governance Policy, 2017*
- *Tamil Nadu Aadhaar Bill, 2018.*
- *ICT Policy*

- *State Resident Data Hub (SRDH)*
- *Tamil Nadu Geographical Information System(TN-GIS)*

- *Tamil Computing*

Tamil Nadu Geographical Information System(TNGIS)

- A common platform for Tamil Nadu State Spatial Data Infrastructure (TNSSDI) and Tamil Nadu Geographical Information System (TNGIS) and a Tamil Nadu Geographical Information System Policy.

- So far 384 layers of 25 departments/organizations integrated/hosted

- 16,721 revenue village maps have been integrated with TNGIS

- Ex:

  - Data analytics Mapping of Accidents – 108 services – developed online modules – GRID / Cluster / Buffer analysis

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- An interdepartmental Technical Team has been formed with representatives from user Departments

Issues

- Funding of common software
- Cloud enabling
- GOI funded Projects ex: SMART cities, even IT elements do not have a mandated role for IT departments
- Non release of promised funds for e-district
- New technologies: funding of PPPs

THANK YOU