e-Governance Initiatives of Government of Tamil Nadu

by

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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
- 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
<table>
<thead>
<tr>
<th>Tamil Nadu Geographical Information System (TNGIS)</th>
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<tbody>
<tr>
<td>• 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.</td>
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<td>• So far 384 layers of 25 departments/organizations integrated/hosted</td>
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<td>• 16,721 revenue village maps have been integrated with TNGIS</td>
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<td>• Ex:</td>
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<td>• Data analytics Mapping of Accidents – 108 services – developed online modules – GRID / Cluster / Buffer analysis</td>
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<td>• An interdepartmental Technical Team has been formed with representatives from user Departments</td>
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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