e-Governance in Tamil Nadu

Released on the occasion of CONNECT 2018
Tamil Nadu
E-Governance Agency
I am happy to know that the Hon'ble Chief Minister of Tamil Nadu Thiru. Edapaddi K Palanisamy is releasing this compendium on e-Governance initiatives of Tamil Nadu in the prestigious CII-Connect 2018 event at Chennai. No doubt this Compendium would help to disseminate the initiatives and innovations of the different Departments of the Government of Tamil Nadu to the General Public.
# TABLE OF CONTENTS

1. **ADI DRAVIDAR AND TRIBAL WELFARE DEPARTMENT** ................................................................. 8  
   1.1 SCHOLARSHIP SCHEMES FOR ADI-DRAVIDAR AND TRIBAL STUDENTS ........................................ 9

2. **AGRICULTURE DEPARTMENT** .................................................................................................... 12  
   2.1 UZHAVAN MOBILE APPLICATION .................................................................................................. 13  
   2.2 COMPREHENSIVE INPUT SUPPLY MANAGEMENT SYSTEM (CISMS) ............................................... 19  
   2.3 MICRO IRRIGATION MANAGEMENT INFORMATION SYSTEM (MIMIS) ............................................. 24  
   2.4 FARM MANAGEMENT SYSTEM (FARMS) ..................................................................................... 26  
   2.5 SEED PRODUCTION ENFORCEMENT AND CERTIFICATION SYSTEMS (SPECS) ............................ 30  
   2.6 DEVELOP THE APPLICATION SOFTWARE FOR FERTILIZER ACTIVITIES ............................................... 36

3. **ANIMAL HUSBANDRY, DAIRY AND FISHERIES DEPARTMENT** .............................................. 41  
   3.1 ONLINE SOFTWARE FOR FISHERMEN WELFARE BOARD MEMBER ENROLMENT AND CLAIM SANCTION ............................................................................................................................................... 42  
   3.2 BAN PERIOD RELIEF ASSISTANCE TO FISHERMEN ...................................................................... 44  
   3.3 EDUCATION RESOURCE PLANNING FOR INTEGRATED UNIVERSITY MANAGEMENT SYSTEM ......... 46  
   3.4 MANAGEMENT INFORMATION SYSTEM – MIS ............................................................................. 47  
   3.5 TAMIL NADU FISHERMEN WELFARE BOARD SOFTWARE (TNFWB) ............................................. 52  
   3.6 INTRANET BASED MONITORING AND MANAGEMENT SOFTWARE FOR THE SCHEMES FOR FREE DISTRIBUTION OF MILCH COWS AND GOATS / SHEEP ............................................................................ 54

4. **BACKWARD CLASSES, MOST BACKWARD CLASSES AND MINORITIES WELFARE** .................. 57  
   4.1 BC,MBC SCHOLARSHIP .................................................................................................................. 58  
   4.2 MONITORING OF FREE CYCLE DISTRIBUTION TO STUDENTS BY BCMBC DEPARTMENT .............. 60

5. **CO-OPERATION, FOO AND CONSUMER PROTECTION DEPARTMENT** .................................. 62  
   5.1 END-TO-END COMPUTERIZATION OF PUBLIC DISTRIBUTION SYSTEM ...................................... 63  
   5.2 CIVIL SUPPLIES PRICE MONITORING SYSTEM ........................................................................... 65

6. **COMMERCIAL TAXES AND REGISTRATION DEPARTMENT** ...................................................... 68  
   6.1 TOTAL SOLUTION PROJECT ............................................................................................................. 69

7. **ENERGY DEPARTMENT** .................................................................................................................. 72
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.1</td>
<td>E-FILING OF NEW SERVICE CONNECTION</td>
<td>73</td>
</tr>
<tr>
<td>7.2</td>
<td>ONLINE BILL PAYMENT</td>
<td>75</td>
</tr>
<tr>
<td>7.3</td>
<td>MOBILE APPLICATION FOR ONLINE PAYMENT</td>
<td>76</td>
</tr>
<tr>
<td>7.4</td>
<td>SMS SERVICES</td>
<td>77</td>
</tr>
<tr>
<td>7.5</td>
<td>CONSUMER GRIEVANCE REDRESSAL FORUM</td>
<td>78</td>
</tr>
<tr>
<td>7.6</td>
<td>COMPUTER BASED POWER FAILURE REDRESSEL CENTRE</td>
<td>79</td>
</tr>
<tr>
<td>7.7</td>
<td>ON-LINE DIRECT RECRUITMENT FOR ALL CATEGORY</td>
<td>80</td>
</tr>
<tr>
<td>7.8</td>
<td>PENSION INFORMATION SYSTEM</td>
<td>82</td>
</tr>
<tr>
<td>7.9</td>
<td>ON-LINE DEPARTMENTAL TEST</td>
<td>83</td>
</tr>
<tr>
<td>7.10</td>
<td>TAMIL NADU ENERGY DEVELOPMENT AGENCY – E-GOVERNANCE</td>
<td>84</td>
</tr>
<tr>
<td>7.11</td>
<td>ONLINE LIFT LICENCE MANAGEMENT SYSTEM &amp; ONLINE FILING OF RETURNS OF ELECTRICITY TAX - ELECTRICAL INSPECTORATE DEPARTMENT</td>
<td>86</td>
</tr>
<tr>
<td>7.12</td>
<td>ISSUANCE OF DRAWING APPROVAL &amp; ISSUANCE OF SAFETY CERTIFICATE</td>
<td>90</td>
</tr>
<tr>
<td>8.</td>
<td>ENVIRONMENT AND FORESTS DEPARTMENT</td>
<td>91</td>
</tr>
<tr>
<td>8.1</td>
<td>FOREST DEPARTMENT</td>
<td>92</td>
</tr>
<tr>
<td>8.2</td>
<td>ONLINE MIS FOR TNPCB</td>
<td>93</td>
</tr>
<tr>
<td>9.</td>
<td>FINANCE DEPARTMENT</td>
<td>96</td>
</tr>
<tr>
<td>9.1</td>
<td>AUDIT INFORMATION MANAGEMENT SYSTEM (AIMS) (CO-OPERATIVE AUDIT)</td>
<td>97</td>
</tr>
<tr>
<td>9.2</td>
<td>AUDIT INFORMATION MANAGEMENT SOFTWARE (LOCAL FUND AUDIT)</td>
<td>100</td>
</tr>
<tr>
<td>9.3</td>
<td>INTEGRATED FINANCE AND HUMAN RESOURCE MANAGEMENT SYSTEM (IFHRMS) (TREASURIES AND ACCOUNTS)</td>
<td>101</td>
</tr>
<tr>
<td>9.4</td>
<td>ONLINE CONTRIBUTORY PENSION SCHEME (CPS)</td>
<td>103</td>
</tr>
<tr>
<td>9.5</td>
<td>AUTOMATED TREASURY BILL PASSING SYSTEM (ATBPS)</td>
<td>105</td>
</tr>
<tr>
<td>9.6</td>
<td>E-PENSION</td>
<td>107</td>
</tr>
<tr>
<td>9.7</td>
<td>WEB PAYROLL</td>
<td>109</td>
</tr>
<tr>
<td>9.8</td>
<td>ONLINE CHIEF MINISTER’S PUBLIC RELIEF FUND (CMPRF)</td>
<td>111</td>
</tr>
<tr>
<td>9.9</td>
<td>GST RECEIPTS ACCOUNTING SYSTEM</td>
<td>113</td>
</tr>
<tr>
<td>9.10</td>
<td>GOVERNMENT E-PROCUREMENT PROJECT</td>
<td>115</td>
</tr>
<tr>
<td>10.</td>
<td>HANDLOOMS, HANDICRAFTS, TEXTILES AND KHADI</td>
<td>117</td>
</tr>
<tr>
<td>10.1</td>
<td>TRANSFORMATION OF TNHDC USING INFORMATION TECHNOLOGY</td>
<td>118</td>
</tr>
<tr>
<td>10.2</td>
<td>E-SEVAI SERVICES FOR WEavers</td>
<td>123</td>
</tr>
<tr>
<td>11.</td>
<td>HEALTH AND FAMILY WELFARE DEPARTMENT</td>
<td>125</td>
</tr>
<tr>
<td>11.1</td>
<td>HEALTH MANAGEMENT INFORMATION SYSTEM</td>
<td>126</td>
</tr>
<tr>
<td>11.2</td>
<td>ORAL CANCER</td>
<td>127</td>
</tr>
<tr>
<td>11.3</td>
<td>NON-COMMUNICABLE DISEASES (NCD)</td>
<td>128</td>
</tr>
</tbody>
</table>
11.4 TAEI (TAMIL NADU ACCIDENT AND EMERGENCY CARE INITIATIVE) .................................................. 129
11.5 CEMONC (COMPREHENSIVE EMERGENCY OBSTETRIC AND NEW BORN CARE) ...................... 131
11.6 RASHTRIYA BAL SWASTHYA KARYAKRAM (RBSK) ............................................................... 133
11.7 UHC (UNIVERSAL HEALTH CARE) .............................................................................................. 134
11.8 POLYCLINIC (UPHC) ...................................................................................................................... 135
11.9 THAIMAI ............................................................................................................................................. 137
11.10 IMPLEMENTATION OF INDIGENOUSLY DEVELOPED INTEGRATED VEHICLE MANAGEMENT DATABASE SOFTWARE .............................................................................................................................................. 139
11.11 ONLINE LICENCES OF ALLOPATHIC DRUGS (SALES), HOMOEOPATHIC MEDICINES (SALES), RESTRICTED ALLOPATHIC DRUGS (SALES), SCHEDULE X DRUGS (SALES) AND DUPLICATE LICENCE (SALES). .................................................................................................................................................................. 141
11.12 HEALTH MANAGEMENT INFORMATION SYSTEM (HMIS).......................................................... 143
11.13 ELECTRONIC HEALTH RECORD SYSTEM (EHR) (DIGITALISED PLHIV PATIENTS RECORD MAINTENANCE) ......................................................................................................................................................... 146
11.14 PICME 2.0 WEB PORTAL (REVAMPED SOFTWARE) ...................................................................... 148
11.15 CIVIL REGISTRATION SYSTEM WEB PORTAL ............................................................................. 150
11.16 CIVIL WORKS MONITORING SYSTEM .......................................................................................... 152

12. HIGHER EDUCATION DEPARTMENT ................................................................................................. 154
12.1 WEBSITE CREATION / MAINTENANCE / UPDATION – ALAGAPPA UNIVERSITY ..................... 155
12.2 GOVERNMENT E-MARKETING, E-PAYMENT FOR EXAMINATION RELATED FEE (BOTH REGULAR AND DISTANCE EDUCATION), E-APPLICATION FOR PH.D., ENROLMENT (PERIYAR UNIVERSITY) ........................................................................................................................................................................... 156
12.3 STUDENTS SUPPORT CENTRE – BHARATHIAR UNIVERSITY ..................................................... 157
12.4 SYLLABI AND CURRICULUM – BHARATHIAR UNIVERSITY ......................................................... 158
12.5 DATABASE OF RESEARCH GUIDES – BHARATHIAR UNIVERSITY ................................................ 160
12.6 ONLINE REGISTRATION FOR SEMESTER EXAMINATIONS MANONMANIAM SUNDARANAR UNIVERSITY ........................................................................................................................................................................................................................................... 161
12.7 WEBSITE CREATION / MAINTENANCE / UPDATION THIRUVALLUVAR UNIVERSITY ............. 163
12.8 E-GOVERNANCE – MADURAI KAMARAJ UNIVERSITY ............................................................. 165
12.9 ANNAMALAI UNIVERSITY .............................................................................................................. 167
12.10 KNOWLEDGE OF CENTRE – ANNA UNIVERSITY ....................................................................... 169
12.11 EXAM PRO -TAMIL NADU OPEN UNIVERSITY ........................................................................... 171
12.12 PRE-EXAMINATION PORTAL -BHARATHIDASAN UNIVERSITY ................................................. 173
12.13 PAYROLL DATA SUBMISSION PORTAL -BHARATHIDASAN UNIVERSITY ..................................... 174
12.14 MOTHER TERESA WOMEN’S UNIVERSITY ................................................................................. 175
12.15 E-GOVERNANCE PORTAL FOR DOTE ........................................................................................ 176
13. HIGHWAYS AND MINOR PORTS DEPARTMENT .......................................................................................... 178
   13.1 ROAD MAINTENANCE AND MANAGEMENT SYSTEM (RMMS) .......................................................... 179
   13.2 GEOGRAPHICAL INFORMATION SYSTEM (GIS) ............................................................................... 180
   13.3 INTEGRATED PROJECT, HUMAN RESOURCE AND FINANCE MANAGEMENT SYSTEM (PANDFMS) ... 181
   13.4 ROAD ACCIDENT DATA MANAGEMENT SYSTEM (RADMS) ........................................................... 182

14. HOME, PROHIBITION AND EXCISE DEPARTMENT ........................................................................... 184
   14.1 CRIME AND CRIMINAL TRACKING NETWORK AND SYSTEMS (CCTNS) .............................................. 185
   14.2 C-BRANCH AUTOMATION - DIRECTORATE OF VIGILANCE AND ANTI-CORRUPTION ...................... 190
   14.3 LIST OF E-GOVERNANCE INITIATIVES / INNOVATIONS CARRIED OUT AT TASMAC ....................... 191
   14.4 E-PAYMENT SYSTEM FOR PROHIBITION AND EXCISE ............................................................... 192

15. HOUSING AND URBAN DEVELOPMENT DEPARTMENT ....................................................................... 196
   15.1 BOARD’S RENTAL COLLECTION .......................................................................................................... 197
   15.2 TAMIL NADU GOVERNMENT SERVANTS’ RENTAL HOUSING SCHEME (TNGRHS) ......................... 198
   15.3 HIRE PURCHASE AND SELF-FINANCE SCHEMES .......................................................................... 199
   15.4 DIRECTORATE OF TOWN AND COUNTRY PLANNING - E-GOVERNANCE .......................................... 200
   15.5 LAND USE INFORMATION SYSTEM (LUIS) ....................................................................................... 202
   15.6 WEB-ENABLED ONLINE PLANNING PERMISSION APPLICATION SUBMISSION, PROCESSING AND DISPOSAL ................................................................. 204
   15.7 ONLINE FILING OF PLAN PERMISSION APPLICATION (PPA) FOR CMDA ....................................... 206

16. INDUSTRIES DEPARTMENT ................................................................................................................ 208
   16.1 ERP (HIGHLY INTEGRATED) ................................................................................................................ 209
   16.2 PLANT INTEGRATION AND PERFORMANCE IMPROVEMENT SYSTEM ............................................... 212
   16.3 AMMA CEMENT SUPPLY SCHEME –SUPPLY CHAIN MANAGEMENT ............................................. 214
   16.4 E-SOLUTION TO TAMIL NADU SALT CORPORATION LIMITED ....................................................... 217
   16.5 POWER BUILDER APPLICATION, TIIC WEBSITE, TIIC WEB-CENTRIC APPLICATION, TIIC MOBILE APP, TIIC VIDEO CONFERENCING ........................................................................... 218

17. INFORMATION TECHNOLOGY DEPARTMENT .................................................................................. 220
   17.1 ELECTRONICS CORPORATION OF TAMIL NADU LIMITED (ELCOT) – E-MARKET ......................... 221
   17.2 ELECTRONICS CORPORATION OF TAMIL NADU LIMITED (ELCOT) – ERP ......................................... 225
   17.3 LAPTOP ERP ....................................................................................................................................... 230
   17.4 E-OFFICE - COMMISSIONERATE OF E-GOVERNANCE .................................................................... 237
   17.6 E-DISTRICT PORTAL (E-SEVAI) ........................................................................................................ 240
   17.7 TAMIL NADU GEOGRAPHIC INFORMATION SYSTEM PROJECT ..................................................... 242
   17.8 TAMIL NADU STATE PORTAL ............................................................................................................ 245

18. LABOUR AND EMPLOYMENT DEPARTMENT ...................................................................................... 247
18.1 E-BIZ PROJECT .................................................................................................................................... 248
18.2 ONLINE CASE MANAGEMENT SYSTEM .............................................................................................. 249
18.3 LEGAL METROLOGY COMPLAINT TRACKING SYSTEM ........................................................................ 251
18.4 INTEGRATED APPLICATION SOFTWARE FOR UNORGANISED WORKERS WELFARE BOARD .......... 252
18.5 ONLINE PORTAL OF DIRECTORATE OF INDUSTRIAL SAFETY AND HEALTH ..................................... 254
18.6 PROJECT EMPOWER. (NETWORKING OF EMPLOYMENT EXCHANGES) VIRTUAL LEARNING PORTAL .......... 259
18.7 ONLINE ADMISSION SYSTEM FOR ITIS ............................................................................................... 263
18.8 WELFARE BOARDS – CONSTRUCTION WORKERS’ AND MANUAL WORKERS’ APPLICATION .................. 268
18.9 TNSDC JOB PORTAL – SKILL REGISTRY ............................................................................................... 272
19. LAW DEPARTMENT .............................................................................................................................. 275
19.1 LAW ADMISSIONS .............................................................................................................................. 276
20. LEGISLATIVE ASSEMBLY DEPARTMENT ............................................................................................. 278
20.1 WEB PORTAL AND ICT APPLICATION FOR TAMIL NADU LEGISLATIVE ASSEMBLY. ....................... 279
21. MUNICIPAL ADMINISTRATION AND WATER SUPPLY DEPARTMENT .................................................. 281
21.1 INFORMATION SYSTEM AND TECHNOLOGY PLANNING (ISTP) OF CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD (CMWSSB) .......................................................... 282
21.2 URBAN TREE INFORMATION SYTEM-(UTIS) ...................................................................................... 284
21.3 E-TOWN PANCHAYATS ...................................................................................................................... 286
21.4 TWADNEST –TWAD INTEGRATED E-GOVERNANCE SYSTEM ............................................................. 288
21.5 OIMS –ONLINE INSPECTION MONITORING SYSTEM ......................................................................... 290
21.6 TWAD BOARD — WEB PORTAL ......................................................................................................... 291
21.7 GREATER CHENNAI CORPORATION - WORK MODEL ....................................................................... 292
22. MICRO, SMALL AND MEDIUM ENTERPRISES DEPARTMENT .......................................................... 295
22.1 NEEDS (NEW ENTREPRENEUR-CUM-ENTREPRENEURSHIP DEVELOPMENT SCHEME) ..................... 296
22.2 UYEGP (UNEMPLOYED YOUTH EMPLOYMENT GENERATION PROGRAMME) ........................................ 298
22.4 UPGRADATION OF DEPARTMENT WEBSITE NEW SOCIAL MEDIA PLATFORM SUCH AS FACEBOOK, TWITTER AND YOUTUBE ........................................................................................................... 301
23. PLANNING, DEVELOPMENT AND SPECIAL INITIATIVES ................................................................ 303
23.1 E-EVALUATION SYSTEM ..................................................................................................................... 304
23.2 WEBSITE AND SURVEY APPLICATION PORTAL ................................................................................ 306
24. PUBLIC DEPARTMENT .......................................................................................................................... 312
24.1 E-GOVERNANCE APPLICATION TO THE DEPARTMENT OF EX-SERVICEMEN WELFARE BOARD ....... 313
24.2 COURT CASES MONITORING SYSTEM FOR ALL DEPARTMENTS IN THE SECRETARIAT ...................... 315
24.3 PUBLIC GRIEVANCES REDRESSAL MONITORING SYSTEM (CMCELL) .................................................. 317
### 25. REVENUE DEPARTMENT

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>25.1</td>
<td>SURVEY AND LAND RECORDS</td>
</tr>
<tr>
<td>25.2</td>
<td>E-DISTRICT PROJECT FOR REVENUE SERVICES</td>
</tr>
<tr>
<td>25.3</td>
<td>SOCIAL SECURITY SCHEME COMPUTERISATION</td>
</tr>
<tr>
<td>25.4</td>
<td>CHIEF MINISTER’S UZHAVAR PADHUKAPPU THITTAM (CMUPT)</td>
</tr>
<tr>
<td>25.5</td>
<td>E-DISTRICT PROJECT FOR REVENUE COURTS</td>
</tr>
<tr>
<td>25.6</td>
<td>E-DISTRICT GRIEVANCE DAY PETITION (GDP) /PETITION PROCESSING PORTAL</td>
</tr>
<tr>
<td>25.7</td>
<td>TALUK ONLINE PETITIONS MONITORING SYSTEM (TOPMS)</td>
</tr>
<tr>
<td>25.8</td>
<td>AMMA THITTAM APPLICATION</td>
</tr>
<tr>
<td>25.9</td>
<td>FREE HOUSE SITE PATTA SYSTEM (FHSP)</td>
</tr>
<tr>
<td>25.10</td>
<td>WEB BASED TAMIL NILAM (URBAN)</td>
</tr>
<tr>
<td>25.11</td>
<td>WEB BASED TAMIL NILAM (ONLINE PATTA TRANSFER SYSTEM)</td>
</tr>
<tr>
<td>25.12</td>
<td>PRICELESS SAREE AND DHOTI DISTRIBUTION BENEFICIARY INFORMATION SYSTEM</td>
</tr>
<tr>
<td>25.13</td>
<td>FLOOD REPORTING SYSTEM FOR REVENUE ADMINISTRATION DEPARTMENT</td>
</tr>
</tbody>
</table>

### 26. RURAL DEVELOPMENT AND PANCHAYAT RAJ DEPARTMENT

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.1</td>
<td>ONLINE SCHEME MONITORING SYSTEM (OSMS)</td>
</tr>
<tr>
<td>26.2</td>
<td>VILLAGE PANCHAYAT ELECTRICITY CONSUMPTION MONITORING SYSTEM</td>
</tr>
<tr>
<td>26.3</td>
<td>LED LAMP MONITORING SYSTEM</td>
</tr>
<tr>
<td>26.4</td>
<td>ONLINE CEMENT STOCK MONITORING SYSTEM</td>
</tr>
</tbody>
</table>

### 27. SCHOOL EDUCATION DEPARTMENT

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>27.1</td>
<td>EDUCATIONAL MANAGEMENT INFORMATION SYSTEM (EMIS)</td>
</tr>
<tr>
<td>27.2</td>
<td>PROJECT NAME: MARKS CERTIFICATE VERIFICATION SYSTEM</td>
</tr>
</tbody>
</table>

### 28. SOCIAL WELFARE AND NUTRITIOUS MEAL PROGRAMME DEPARTMENT

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.1</td>
<td>SOCIAL WELFARE SCHEMES</td>
</tr>
<tr>
<td>28.2</td>
<td>SOCIAL WELFARE SOFTWARE</td>
</tr>
</tbody>
</table>

### 29. TOURISM AND CULTURE DEPARTMENT

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.1</td>
<td>ONLINE REAL TIME RESERVATION SYSTEM FOR 22 HOTELS OF TTDC</td>
</tr>
</tbody>
</table>

### 30. TRANSPORT DEPARTMENT

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.1</td>
<td>PUBLIC WELFARE SCHEME IN TAMIL NADU STATE TRANSPORT DEPARTMENT</td>
</tr>
<tr>
<td>30.2</td>
<td>ISSUE OF PASSES THROUGH ONLINE - SALEM</td>
</tr>
<tr>
<td>30.3</td>
<td>ISSUE OF PASSES THROUGH ONLINE - COIMBATORE</td>
</tr>
<tr>
<td>30.4</td>
<td>ISSUE OF ALL FREE AND CONCESSIONAL BUS PASSES THROUGH E-SEVAI CENTRES</td>
</tr>
<tr>
<td>30.5</td>
<td>IMPLEMENTATION OF GPS COMPATIBLE GPRS BASED HANDHELD E-TICKETING MACHINES WITH REQUIRED INFRASTRUCTURE AT ALL DEPOTS, REGIONS AND DIVISIONS AND CENTRAL CONTROL CENTRE, FOR ALL STUS IN TAMIL NADU</td>
</tr>
</tbody>
</table>
30.6 FREE AND ALL CONCESSIONAL BUS PASSES ISSUED IN ONLINE SERVICES THROUGH E-SEVAI CENTRES (E-SEVAI) .................................................................................................................................................................................. 389
30.7 ONLINE TICKET RESERVATION SYSTEM .......................................................................................................................... 391
30.8 ISSUE OF 12 NO.S OF VARIOUS BUS CONCESSION PASS THROUGH ONLINE THROUGH TNEGA AND THE LIST IS ENCLOSED. .................................................................................................................................................. 393
30.9 DIGITALIZATION OF BUS STOPS ............................................................................................................................................ 395
30.10 ISSUE OF PASSES THROUGH ONLINE -MADURAI .................................................................................................................. 396
30.11 VAHAN AND SARATHI (VERSION 4) ............................................................................................................................................ 398
31. WELFARE OF DIFFERENTLY ABLED PERSONS DEPARTMENT .............................................................................................................. 400
   31.1 SELF EMPLOYMENT LOAN, MARRIAGE ASSISTANCE AND MAINTENANCE ALLOWANCE, WELFARE OF DIFFERENTLY ABLED DEPARTMENT.................................................................................................................. 401
32. YOUTH WELFARE AND SPORTS DEPARTMENT ............................................................................................................................. 402
   32.1 WEB PORTAL AND ICT APPLICATION IN SPORTS DOMAIN ...................................................................................................... 403
33. TAMIL NADU INFORMATION COMMISSION ............................................................................................................................... 406
   33.1 ONLINE FILING OF SECOND APPEAL ....................................................................................................................................... 407
   33.2 WEB PORTAL AND ICT APPLICATION FOR UPLOADING OF JUDGEMENTS / ORDERS / MEMOS ........................................................................................................................................................................... 408
   33.3 INTEGRATED APPLICATION FOR TAMIL NADU STATE INFORMATION COMMISSION ........................................................................................................................................................................ 410
34. TAMIL NADU STATE ELECTION COMMISSION ............................................................................................................................. 412
   34.1 ONLINE LOCAL BODY ELECTORAL ROLL PREPARATION SYSTEM .................................................................................................. 413
35. TAMIL NADU PUBLIC SERVICE COMMISSION (TNPS) ...................................................................................................................... 415
   35.1 ONLINE APPLICATION AND REGISTRATION SYSTEM, RECRUITMENT PROCESS AND MANAGEMENT SYSTEM, COMPUTER BASED TEST ........................................................................................................................................... 416
   35.2 ONLINE REGISTRATION FOR DEPARTMENTAL EXAMINATIONS .................................................................................................. 420
36. NATIONAL INFORMATICS CENTRE (NIC) ............................................................................................................................................ 422
   36.1 ONLINE EXAMINATION SYSTEM OF NIC (OESNIC) .......................................................................................................................... 423
   36.2 VISITORS MANAGEMENT SYSTEM (EVMS) FOR RAJ BHAVAN-CHENNAI ................................................................................................................................................................................. 425
   36.3 E-COURT PROJECT –CASE INFORMATION SYSTEM (CIS) .............................................................................................................. 427
   36.4 E-COURT PROJECT –JUDGEMENT INFORMATION SYSTEM (JIS) .................................................................................................. 429
different persons depart

contact for department

contact for sports department

contact for information 

contact for state election 

contact for 

nation information centre

national information centre

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1. ADI DRAVIDAR AND TRIBAL WELFARE DEPARTMENT

1.1 Scholarship schemes for Adi Dravidar and Tribal Students

Name of the Department: Directorate of Adi Dravidar Welfare Department

Status of the host/owner: Hosted (Web Service)

Name of the Owner Organization: Directorate of Adi Dravidar Welfare

Name of the Project: Tamil Nadu e-District Service (Scholarship)

Name of the Contact Person: The Director

Contact Address: The Director, Adi Dravidar Welfare Department, Chepauk, Chennai 600005.

Telephone/Fax / E-Mail: Telephone: 044-28594780, 044-28511021; Fax-044-28419612; email address: cadw.tn@nic.in

Project Summary

Post Matric Scholarship Scheme:

Under the Government of India’s Post-Matric scholarship scheme, scholarship is given to the Adi Dravidar / Tribal students who continue their studies beyond X standard and whose parents’/guardians’ annual income does not exceed Rs.2.50 lakh. An assistance of Rs.230/- to Rs.550/- per month is given as maintenance allowance for day scholars and an assistance of Rs.380/- to Rs.1200/- per month is given as maintenance allowance for hostellers depending upon the class in which they study. Besides this, all the compulsory and non-refundable fees payable by the students studying in Government / Government-aided institutions are sanctioned as scholarship.

SC/ST students studying in self-financing colleges are also eligible to get scholarship under this scheme. They are exempted from paying compulsory and non-refundable fees which are directly compensated for by the Adi Dravidar Welfare Department. Maintenance allowance depending upon the class they study is also paid to the students’ SB accounts through ECS mode.

The students studying in Industrial Training Institutes (ITI) are also offered Post-Matric scholarship irrespective of their minimum educational qualification.

Pre Matric Scholarship for xį and į Students of SC/ST:

The Government of India’s Pre-Matric Scholarship is sanctioned to the students of SC/ST studying in IX and X Standards in recognized institutions whose parents’/guardians’ annual income limit is below Rs. 2 lakh. The scholarship amount is disbursed to the students’ SB accounts through ECS.

Date of Launch of the Project: 2010 November.
1.1 Scholarship schemes for Adi-Dravidar and Tribal Students

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<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Name of the Department</td>
<td>Directorate of Adi Dravidar Welfare Department</td>
</tr>
<tr>
<td>2</td>
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<td>4</td>
<td>Name of the Project</td>
<td>Tamil Nadu e-District Service (Scholarship)</td>
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<td>5</td>
<td>Name of the Contact Person</td>
<td>The Director</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>The Director, Adi Dravidar Welfare Department, Chepauk, Chennai 600005.</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax / E-Mail</td>
<td>Telephone: 044-28594780, 044-28511021 Fax-044-28419612 email address: <a href="mailto:cadw.tn@nic.in">cadw.tn@nic.in</a></td>
</tr>
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8 Project Summary

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9 Date of Launch of the Project

2010 November.
10 Geographical Coverage

Extract State of Tamil Nadu in all 32 Districts.

11 Beneficiary of the Project

- For the year 2017-18.
  i) Post-Matric - 8, 16, 038.
  ii) Pre-Matric - 2, 97, 113.

12 Project Objectives

- Transparency and Accuracy
- Timely and speedy disbursement of scholarship through ECS
- Applications are entered by the institution on behalf of students through online, to fix the responsibility on institution
- According duplicators / begin claims using account number, Aadhar number and 24*7 approach

13 Project Scope approach and Methodology

- The applications are submitted by institution through Online
- This applications are verified and approved by DADWO’s in all Districts.
- Next the applications are sent to All HODs (DOTE, DOCE, DME, SCERT) through Online Mode and the HOD checks these applications and approves them.
- Finally the Scholarship amount sanctioned by the Directorate of ADW Department is disbursed through ECS Mode.

14 Results achieved/ Value delivered to the beneficiaries of the project and other distinct features/accomplishments of the project

- In Pre-Matric Scholarship Scheme, for the year 2017-18, Rs. 80.40 Crore has been disbursed to the bank accounts of the students.
- In Post-Matric Scholarship scheme, the maintenance allowance of Rs. 427.47 Crore has been credited to the bank accounts of the students and the tuition fees of Rs. 742.02 Crore has been directly credited to the account of the colleges by the Government in 2017-2018.
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Extract State of Tamil Nadu in all 32 Districts.

11 Beneficiary of the Project
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**Adi Dravidar Welfare Department**

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Details of Online Services</th>
<th>Scheme</th>
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</table>
| 1.    | List of Online Service in Department | 1. Pre Matric Scheme  
|       |                            | 2. Post Matric Scheme (School and Colleges) |
| 2.    | Total Count of Online Services | For the Year 2017–18  
|       |                            |  
|       |                            | Post-Matric- 8,16,038  
|       |                            | Pre-Matric-2,97,113  
| 3.    | Issue on Integration with e-taal | NIL |
2. AGRICULTURE DEPARTMENT

<table>
<thead>
<tr>
<th>Name of the Department</th>
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<tbody>
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<td>Th.P.Venkatachalapathy</td>
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8. Project Summary

Tamil Nadu is a pioneer State at the national level in effective use of IT in agriculture for the welfare of farming community. The State Department of Agriculture has already established a portal www.tnagrisnet.tn.gov.in during 2010-11 to provide agricultural information service to the farmers of Tamil Nadu and is functioning effectively. The database of more than 70 lakh farmers containing comprehensive details of their farm, soil status is being maintained in this portal. Laudng the efforts of Tamil Nadu State Department of Agriculture, Government of India honoured the state with “National Gold Award for e-Governance” and award money of Rs. 2 lakhs. Further the Department was conferred with the prestigious “Platinum award” of Skotch Organization for excellent and efficient implementation of programme and service delivery.

As a next phase in e-governance of Agriculture Department, a mobile app, viz., “UZHAVAN” has been developed by the Agriculture Department of Tamil Nadu and launched by the Hon’ble Chief Minister on 05th April, 2018, to facilitate the farmers with services of Agriculture Department by providing important information without the support of computer. This mobile app has been developed in both Tamil and English. With this app, 12 types of important services are being provided to the farmers. The details are as follows:

1. Information on subsidy schemes of the Government
   Information about subsidy provided to farmers and eligibility criteria for availing subsidy under various schemes implemented by Agriculture, Horticulture and Agriculture Engineering Departments.

2. Advance Registration by the Beneficiary
   Farmers can register for availing subsidy extended for High value Agriculture Machinery such as Tractors, Power Tillers and Infrastructure facilities such as shade nets, Greenhouses through their mobile without visiting the offices concerned utilizing this service. After registration, the farmers will be provided with seniority number through SMS to their mobile and their registration will be ensured. Facilities have been created to enable all the farmers to avail scheme benefits to this service.
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Service 3: Information on Crop Insurance

Being the first initiative at the All India level, the Loanee farmers and the Non-Loanee farmers who have insured through Common Service Centres (CSC) under Pradhan Mantri Fasal Bima Yojana (PMFBY) shall ascertain their status of enrolment till disbursement of computer claims due to yield loss. More than 15 Lakh farmers who have enrolled under this crop insurance scheme in 2017-18 and more than 2.1 Lakh farmers who have enrolled during 2018 Kharif season have been brought in this app. The farmers can know their policy status by registering their phone number or land survey number given at the time of enrolment under PMFBY.

Service 4: Information about seed availability

Farmers can comprehend about the availability of seeds in Government and Private depots nearer to their locality on real time basis. The farmers can ascertain the crop wise, variety wise availability of seeds in 880 Government AECs functioning under the control of Agriculture Department and 8,400 private centres then and there. The farmers can contact the concerned Manager of the centres to purchase required seeds hassle free as the mobile numbers and address would be provided through this service.

Service 5: Information about availability of fertilizers

Farmers can ascertain the availability of major fertilizers on real time basis in 12,219 co-operative and private fertilizers shops functioning in Tamil Nadu and purchase crop specific fertilizers from nearby sales centre. This would maintain transparency in fertilizer distribution.

Service 6: Farm Machinery Custom Hiring Centre

Farmers resorting to farm machinery are increasing due to dearth of agricultural labourers. This app will enable the farmers to hire Agriculture Machinery from 76 custom-hiring centres of Agriculture Department and 625 private centres functioning in Tamil Nadu. As the contact numbers of concerned centres have been given, farmers can ascertain the availability of Farm Machinery on a specific date, hiring rate and get benefitted accordingly.

Service 7: Information on Market Price of Agricultural Commodities

About 277 Regulated Markets are functioning throughout Tamil Nadu to enable the farmers to get remunerative price for their produces. Daily, the farmers can comprehend market prices determined on auction basis in these Regulated markets and price of vegetables from 179 Uzhavar Sandhais across the State on real time basis. The farmers can sell their products in the Regulated Market where the market price fixed is high and get benefitted.

Service 8: Advisory Bulletin based on weather forecast

Farmers can decide upon important Agriculture activities such as raising Nursery, Fertilization, Irrigation, Harvest, Drying of produces based on four days forecast on Rainfall, Wind and other important weather status in their areas. This app will provide weather advisory bulletin for four days.

Service 9: Fixed schedule visit by Agriculture Extension Functionaries

In order to expedite the Agriculture Extension services provided to farmers, the name of the concerned AAOs, AHOs, mobile numbers, visiting date of the officers as per the fixed schedule, and visit can be known through this mobile app.

Service 10: Information on Crop Insurance

Farmers can give feedback about the services offered in this mobile app and also give suggestions for further development.

Service 11: Agriculture News

Government subsidy schemes, Trainings, salient technologies, and Workshops are informed directly to the farmers as provided through this service.

Service 12. Feedback from users

Farmers can bring in this app. The farmers can know their policy status by registering their phone number or land survey number given at the time of enrolment under PMFBY.

Information on Daily water position, water outflow details of major reservoirs and important Karnataka reservoirs.

Information on Crop Insurance

Farmers can give feedback about the services offered in this mobile app and also give suggestions for further development.

Support System to maintain effectiveness in the input supply chain.
This will not only help the farmers to keep abreast of Agricultural technologies but also strengthen the bonding between the farmers and extension officers.

**Service 10. Reservoir level**

Information on Daily water position, water outflow details of major reservoirs and important Karnataka reservoirs.

**Service 11. Agriculture News**

Government subsidy schemes, Trainings, salient technologies, and Workshops are informed directly to the farmers as push notifications.

**Service 12. Feedback from users**

Farmers can give feedback about the services offered in this mobile app and also give suggestions for further development.

**9 Date of Launch of the Project**

5th April 2018.

**10 Geographical coverage**

- a) National Level - Number of State Covered - Does not Arise
- b) State/UT Level - Number of Districts covered - 32 Nos
- c) District Level - Number of Blocks Covered 385 Nos
- d) Demographic spread (percentage of population covered)

Total Population of Tamil Nadu state is 678.6 lakhs and the total number of farm families covered are 81.18 lakhs which is about 12%.

**11 Beneficiary of the Project**

81.18 Lakh farm families in the state, Stakeholders, viz, Seed Agencies, Fertilizer and Pesticide agencies besides various wings of the Department of Agriculture and sister departments for taking appropriate decisions as well as a Decision Support System to maintain effectiveness in the input supply chain.

**12 Problem Statement**

The client base in Agriculture is about 81.18 lakhs and the needs and expectations during the entire period of cropping is multi-directional, viz., quality inputs, best practices, latest technologies, weather advisories, pest and disease management, welfare schemes, markets and market information.

- In the 1960s Community based Extension System was in practice in Agriculture Department. The information dissemination was done under Panchayat Raj system. The cropping related activities were carried out on a community basis.
- In the late 1970s Farm family approach was introduced under the World Bank Project Training and Visit System wherein one Extension worker was catering to the dissemination of information through interpersonal contacts to the designated 1,000 farm families on a Fixed Visit basis.
• Progressive farmers were contacted on a fixed day in a fortnight and the information dissemination was done through them to other farmers.
• Extension system was redefined and the flow of information was based on laying out of Adaptive Research Trials and Demonstrations, conduct of field visits, organizing, obtaining feedback and providing input to Research so as to take up new research requirements as well as modifying the existing technologies to suit to the requirement of the farming community.
• In the first decade of the 21st Century, Agriculture in Tamil Nadu had a breakthrough with the use of IT gadgets.
• The Use of PICO Mini projectors, Tablet PCs were deployed to automate the information flow by the Field Level Functionaries.
• The workflow automation of all the 880 input sale outlets owned by the Government were made online.
• SMS and Voice advisories were predominant during the early second decade owing to the limitations in the availability of Smart Phones wide spread.
• During the recent years the increase in network penetration and increased usage of mobile technology has paved way to think a viable, effective and efficient system of information flow to farming community to become feasible.
• Besides the Government Sale outlets the Agricultural Extension Centres, all the Cooperative and Private Sale points of Chemical Fertilizers were made online by deploying Point of Sale (PoS) machines.
• As all the information flows are captured at the point of its origin, hence the UZHAVAN App has come into existence.

13 Project Objectives

• Agriculture Information Services Network (AGRISNET), a Web portal
  • of Agriculture Department was launched with an objective to deliver all Agricultural Information services, viz., Daily Rainfall, Water Position in Major Reservoirs, Fertilizer and Seed stock position in both private and Government Outlets, Fertilizer prices, Contact details of Extension functionaries of Agriculture and Sister Departments to the farming community and it has been effectively integrated with Farmers’ Crop Management System (FCMS) for generating farmer/farm- centric crop plans, available GIS data on soils, climate, rainfall and irrigation for crop plan generation. Besides, AGRISNET is being utilized for promoting improved cultivation methods available on an interactive mode (Kiosk), sending SMS/Voice alerts and agro advisory services to farmers etc.
  • The innovativeness of the present system comes into existence owing to the penetration of mobile technology and smart phones among the rural population.
  • The information available in AGRISNET Portal need to be precise, accurate and location specific. The requirement of information and data to farming community vary depending upon the prevailing conditions like weather, water availability and the market trend.
  • In order to provide précise information to the farmers an exclusive mobile application “UZHAVAN” Mobile Application was developed with twelve vital services.
  • This has provided an opportunity to the extension system to disseminate the desired information at the exact time the farmer needs and in the place where he requires the information fully and precisely.
14 Project Scope Approach and Methodology

The mobile application was launched during 2018 with the aim to bring all the details required by the beneficiary (Farmers) and transparency in the Government process of extending subsidy for benefits.

In this project, stakeholders are Agriculture, Horticulture, Agricultural Engineering, Agricultural Marketing, and Directorate of Seed Certification are involved along with Co-operative and Private seed and fertiliser dealers.

Three users at the state level, 31 users at the district level and 385 users at the Block level have been created for all the stakeholders.

Dashboard has been provided at all level users for viewing the real time reports for reviewing and monitoring the progress of the services provided in the mobile application.

15 Results achieved / Value delivered to the beneficiaries of the project and other distinct feature / accomplishment of the project

- Total downloads as on 17/09/2018 – 2,31,793 within a span of 5 months and 36,693 farmers have registered for availing subsidy for high value inputs.
- Uzhavan app has ultimately brought the confidence of farmers as it displays the real time information and thereby transparency is ensured 100 percent.
- All the pattern of assistance of all schemes displayed in detail.
- The confusion among the farmers on their enrolment status in PMFBY has been thwarted as it has shown the status of information, dynamically.
- Real time seed and fertilizer stock position of all Government and Private outlets ensured the transparency.
- The unique system of Fixed scheduled village programme through this mobile app has given transparent information of contact details of Assistant Agricultural and Horticultural Officers.
Comprehensive Input Supply Management System (CISMS) was launched in the state to benefit all the 81.18 Lakh farm holdings who depend either for quality seeds or other quality inputs for their crop cultivation. This project is in operation since April 2014. So far 15 lakh farmers availed the benefits through the CISMS. On submission of every sale transaction in the CISMS a message will be sent to the registered farmer to the effect that he has availed a benefit from the Agricultural Extension Centre for taking up cultivation in the ensuing season. Each farmer's history of benefit availed details are being shown at the time of availing the benefits. Benefit tracking system so far tracked 15 lakh farmers' details to ensure that the benefits availed are sustained. So far 45 Lakh farmer mobile numbers are validated and messages sent to them on every transaction.

Seed dealers in cooperative institutions and private, Fertilizer dealers both in cooperative and private are the major stakeholders in Tamil Nadu Agriculture. In the cooperative sector about 8,200 nos. of Seed dealers and 9,300 nos. of fertilizer dealers are licensed. Totally in Tamil Nadu about 880 nos. of Government sale outlets, 4,500 nos. of cooperative outlets and 17,400 nos. of private outlets are supplying quality inputs to around 81 lakh farm holdings every year for cultivation. The contribution of cooperative and private dealers is near total in respect of supply of quality fertilizers and about 50% in respect of supply of quality seeds. An exclusive mobile application is developed to track the availability of inputs with cooperative and private dealers and deployed as part of the Comprehensive Input Supply Management System.

The database of all the licensed dealers both in cooperative and private are already registered in the portal. From the registered mobile number, the data uploaded will be updated in the server. The farmers can ascertain the availability with the nearest dealer at any time. The project is functional as part of CISMS and the input availability from all the registered dealers are obtained through the Exclusive Mobile Application now.
2.2 Comprehensive Input Supply Management System (CISMS)

1. Name of the Department: Department of Agriculture
2. Status of the host / owner: Department of Agriculture
3. Name of the Owner Organization: Department of Agriculture
4. Name of the Project: Comprehensive Input Supply Management System (CISMS)
5. Name of the Contact Person: Th.P.Venkatachalapathy
6. Contact Address: O/o Director of Agriculture, Chepauk, Chennai 600005
7. Telephone / Fax / E-Mail: 044-28524894 / 044-28551763 / diragri@tn.nic.in, coa.fcms@gmail.com

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9  **Date of Launch of the Project**  
April 2014.

10  **Geographical coverage**  
880 Agricultural Extension Centres – the input sale points of Agriculture Department-Government of Tamil Nadu, 4,500 nos. of Cooperative sale outlets and 17,400 nos. of private sale outlets spread over all the 385 blocks of 32 Districts of the State. Of these 695 Agricultural Extension Centres are provided with Computers and accessories with Broadband net connectivity through TNSWAN and BSNL.

All the 880 Agricultural Extension Centres of the State went online and the computerised bill is given to all the farmers along with Message through their mobile phones.

Besides the above an exclusive Android mobile application is deployed to all the Cooperative and Private sale points to update the stock position on a day-to-day basis.

**Geographical and Demographic Spread:**

- a. National Level - Number of States Covered - Does not Arise.
- b. State/UT Level - Number of Districts covered - 32 Nos.
- c. District Level - Number of Blocks Covered 385 Nos.
- d. Block Level – Number of Agricultural Extension Centres Covered 880 Nos.
- e. Number of Licensed Cooperative sale points 4,500.
- f. Number of Licensed Private sale points 17,400.
  
  16,300 villages with about 81.18 Lakh farm holdings

11  **Beneficiary of the Project**  
81.18 Lakh farm families in the state, stakeholders, viz., Seed Agencies, Fertilizer and Pesticide agencies besides various wings of the Department of Agriculture and sister departments for taking appropriate decisions as well as a Decision Support System to maintain effectiveness in the input supply chain.

12  **Problem Statement**

- a. The sale points are spread over all the 385 blocks
- b. Though the reporting is mandatory as per act, manual consolidation done may not serve the purpose during peak cultivation seasons.
- c. There may be suppression of stock at times of demand.
- d. Price hike may result in due to disproportionate stocking and scarcity in the market on the other hand.
- e. Overall situation at the block, district and state level could not be monitored.

**Challenges and Constraints**

- f. Each agency is controlled by different power centres viz., AECs by Agricultural Department (Government), PACBs by Cooperative Department (Government), Other Licensed Sale outlets are held by the Private stake holders.
Bringing them all on one platform was a very great challenge.

Computers and Accessories provided to Departmental Outlets but motivating the private stakeholders to use the platform faced some initial setback.

13 **Project Objectives**

- Consolidating the quality input availability in all the licensed sale outlets and making them informed to all farmers.
- Monitoring the availability of quality inputs throughout the State.
- Ensuring the timely availability of quality inputs to the right farmers.
- Ensuring decision making at all levels by keeping all the information at one point.
- The project was rolled out in April 2014. All 880 Agricultural Extension Centres are well connected with network to implement this project.
- All the existing process of input distribution to farmers which were manually done hitherto by involving more man-hours have been reengineered to be done in one go.
- While making entries of incoming inputs and effect transfers (outgoing and incoming) the process of purchase and transfers are done straightaway.
- By doing this reengineering, four activities in the erstwhile distribution process have been eliminated which facilitates the farmers to get inputs in a speedy manner.
- While billing is done online, the process of billing takes care of stocks deduction, bill wise accounting, cash book entries and preparing for remittance under various categories, automatically.
- Beneficiary listing and tracking became online – which simplified the maintenance of beneficiary records and made them online so that it became more transparent.
- Now each record of the farmers' transactions in the Agricultural Extension Centres became digitally authentic.

14 **Project Scope Approach and Methodology**

The input supply chain management is an age old practice which was carried out manually in all the Sale outlets owned by the department. CISMS – Comprehensive Input Supply Management System is a unique platform built which automated the entire input supply chain in the Department of Agriculture.

Farmers of Tamil Nadu are mainly depended on Government outlets for the purchase of quality seeds and other Inputs, while most of the states in the country outsourced the distribution of agriculture inputs. About 880 Agricultural Extension Centres spread over 385 blocks of 32 districts cater to the vital inputs like Seeds, Fertilizers, Bio- fertilizers, and Micro Nutrient Mixtures.

Tamil Nadu has around 16,300 revenue villages where the agricultural activities are very much intensive. About 2,319 extension workers, 385 Block Technology Managers, 770 Assistant Technology Managers and around 8,000 and odd Farmer
Friends are deployed to deliver extension services to the farmers. But then consolidating the individual farmer requirement of inputs from time to time and delivering the quality inputs at the close proximity to the farmers, has become increasingly a very big challenge in the wake of increasing dependency on government and government approved institutions like cooperative and private input agencies.

The project was rolled out in April 2014. All 880 Agricultural Extension Centres are well connected with network to implement this project.

On submission of every sale transaction in the CISMS a message will be sent to the registered farmer to the effect that he has availed a benefit from the Agricultural Extension Centre for taking up cultivation in the ensuing season. Each farmer’s history of benefit availed details are being shown at the time of availing the benefits.
Results achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project

<table>
<thead>
<tr>
<th>Benefits to Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triplicate manual bills used</td>
</tr>
<tr>
<td>Stock registers maintained manually</td>
</tr>
<tr>
<td>Manual Cash Book maintained</td>
</tr>
<tr>
<td>Cash transactions and stocks deducted were manually verified everyday</td>
</tr>
<tr>
<td>Cash remittance details done manually</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Benefits to Farmers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Availability of inputs was known only when it physically reach the sale point</td>
</tr>
<tr>
<td>Man-hour was wasted in taking alternate decisions</td>
</tr>
<tr>
<td>Suggestions and clarifications on the alternative could not be had as extension personal contacted only during office hours</td>
</tr>
<tr>
<td>Transparency was not there</td>
</tr>
</tbody>
</table>
2.3 Micro Irrigation Management Information System (MIMIS)

1. Name of the Department: Department of Agriculture
2. Status of the host / owner: Department of Horticulture and Plantation Crops
3. Name of the Owner Organization: Department of Horticulture and Plantation Crops
4. Name of the Project: Micro Irrigation Management Information System (MIMIS)
5. Name of the Contact Person: Dr. N. Subbaiyan I.A.S.
6. Contact Address: O/o Director of Horticulture and Plantation Crops, Agriculture complex, 3rd floor Chepauk, Chennai 600005.
7. Telephone / Fax / E-Mail: 044-28524643

8. Project Summary
Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) is a flagship scheme by the Government of India and it is being implemented across the country since 2016. The motto of the scheme is “Per Drop More Crop”. The main aim of the PMKSY scheme is setting up of micro irrigation systems at a maximum extent of land of the farmer for judicial use of water and increase in yield of the produce. In Tamil Nadu this Scheme is being successfully implemented by Tamil Nadu Horticulture Development Agency (TANHODA) through Department of Horticulture and Plantation Crops. The main aim of this Micro Irrigation Management Information System (MIMIS).It is to bring all the processes of micro irrigation procedures in online mode in order to maintain transparency and accountability. The project is being designed in such a way that the entire process starting from Registration of beneficiary by the Farmer /Company /Block officer till release of fund to the Micro Irrigation companies were made online. There are about 12 stages involved in this project. The different stages are handled by Horticulture, Agriculture officers, Agriculture Engineering Department officials and Micro Irrigation Company officials. The special feature of the project is Geo Tagging of land area by capturing Geo coordinates (Latitude and Longitude).

9. Date of Launch of the Project
01.04.2016

10. Geographical coverage
a) National Level - Number of State Covered - Does not Arise
b) State/UT Level - Number of Districts covered - 32 Nos
c) District Level - Number of Blocks Covered 385 Nos of all stake holders
   Demographic spread (percentage of population covered)
Total Population of Tamil Nadu state is 678.6 lakhs and the total number of farm families covered are 81.18 lakhs which is about 12%.

11 Beneficiary of the Project
The main beneficiaries of this project are the Small, Marginal and Big Farmers. This scheme reaches 81.18 lakh farm families. Under the PMKSY scheme Government of India has given 100 percent subsidy to Small/Marginal farmers and 75 percent subsidy to other farmers in Tamil Nadu. Previously the farmers needed to hand over all the documents and availed the subsidy but this software helps farmers to register online for subsidy in an easy, faster and effective way.

12 Problem Statement
Previously the scheme was implemented by maintaining manual records which were time consuming and delayed installation of systems at the field level. And also the old system lacked transparency and correctness. The new software maintains transparency, accountability and reliability.

13 Project Objectives
The major objective of the PMKSY scheme is to achieve convergence of investments in irrigation at the field level, expand cultivable area under assured irrigation, improve on-farm water use efficiency to reduce wastage of water. In Tamil Nadu there is scope for setting up micro Irrigation systems for 11 lakh hectares but so far achieved only 3 lakh hectare. To bring up more area under micro irrigation this software paved way for faster implementation.

14 Project Scope, Approach and Methodology
The software was launched during 2016 with the aim to bring all steps involved in implementing the scheme under one platform.

In this project 5 stakeholders, viz., Horticulture, Agriculture, Agricultural Engineering Department, Sugar (Co-operatives and Private) respectively are involved along with micro irrigation companies.

Separate target is being allotted to the above said Departments. The Agricultural Engineering Department will look after the measurements, geo-tagging and genuineness of the installation at the field level.

About 1,500 users have been created so far for all stakeholders and separate MIS pages for Block officers, District officers and State admin. MIS reporting system contains Track Application, Block report, Company report, Pending Final Fund release and villages covered under micro irrigation.

Transfer of funds to Micro Irrigation Firms through Payment gateway will be enabled in future.

15 Results achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project
Since 2016, 250,000 applications have been processed and fund transactions for a tune of 200 Crore has also been made so far.
2.4 Farm Management System (FARMS)

1. Name of the Department: Department of Agriculture
2. Status of the host / owner: Department of Horticulture and Plantation Crops
3. Name of the Owner Organization: Department of Horticulture and Plantation Crops
4. Name of the Project: Farm Management System (FARMS)
5. Name of the Contact Person: Dr. N. Subbaiyan I.A.S.
6. Contact Address: O/o Director of Horticulture and Plantation Crops, Agriculture complex, 3rd floor Chepauk, Chennai 600005
7. Telephone / Fax / E-Mail: 044-28524643

8. Project Summary
There are about 67 State Horticultural Farms and 18 Parks and Gardens under the control of the Department of Horticulture and Plantation Crops. Various activities such as Propagation, Production of Quality planting materials are being carried out since 1950. In 2008 all the farms, Parks and Gardens were brought under the control of TANHODA (Tamil Nadu Horticulture Development Agency). Hitherto the inventory management along with maintenance of DRS (Daily Record Sheet) of all day to day activities are done manually. This newly developed Farm Management System (FARMS) facilitated automation of above process.

9. Date of Launch of the Projects
10.02.17

10. Geographical coverage
a) National Level - Number of States Covered - Does not Arise
b) State/UT Level - Number of Districts covered - 32 Nos
c) District Level - Number of Farms - 67 Nos
Number of Parks and Garden - 18 nos.

11. Beneficiary of the Project
This software is deployed in 67 Farms and 18 Parks and Gardens. The activities such as Daily Record Sheet (DRS), Propagation, Production, Planting material stocks, Input supply, Sales, Receipt and Expenditure details were made online for the farm Managers. A separate MIS was developed at the State Level to monitor the Farm activities through this software.
12 Problem Statement
The Farm activities are previously maintained in hand written records. Monitoring and verification of records consumes a lot of time wherein this online process brings easiness and accountability.

13 Project Objectives
The main objective of this software is to manage and monitor all the farm activities by Farm Managers and state level admin.

In the Home page of this software, the Farmer/Public can view the availability of planting materials stocks with Price details in various Farms, Parks and Gardens across the state and also name of the Farm manager and his/her contact number. The Home page is designed in both English and Tamil.

14 Project Scope, Approach and Methodology
The software was launched during 2017 with the aim to integrate all Farms, Parks and Gardens under one platform.

All farms, Parks and Gardens managers are assigned individual user credentials. About 100 users have been created at the District level and State level, A separate page for Annual Action Plan for every year is given. The reports such as Daily Record Sheet (DRS), Propagation, Production, Planting material stocks, Input supply, sales, Receipt and Expenditure details has been given at district Level and state level.

15 Results achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project
Drudgery reduction is achieved at large due to automation of all maintained both in Farms and Parks of Horticulture Department.
Application Workflow
Application Screenshots
2.5 Seed Production Enforcement and Certification Systems (SPECS)

1 Name of the Department: Directorate of Seed Certificate and Organic Certification

2 Status of the host/owner: Hosting : Server at State Data Centre
   Status : Active

3 Name of the Owner Organization: Department of Agriculture

4 Name of the Project: Seed Production Enforcement and Certification Systems (SPECS)

5 Name of the Contact Person: Director, Seed Certification

6 Contact Address: 1424 A Thadagam road, G. C. T. Post, Coimbatore 641013.

7 Telephone/Fax/E-Mail: Phone : 0422- 2432984
   E-mail : dsccbe@gmail.com

8 Project Summary

The portal is developed to automate:

- Tracking the seed production of various crops (sowing report by producer including type of crop, area cultivated and source of seed), periodical inspections and quality compliance, filling of request/ appeal by producer till certification of the produced seed.
- Issue Certificate on the quality of seed produced by farmers.
- Seed seller can apply for License and renewal thru online.

9 Date of Launch of the Project

26 / 05 / 2017

10 Geographical Coverage

All the districts of Tamil Nadu

11 Beneficiary of the Project

Seed Producers and Internal Department Employees

12 Problem Statement

The seed certification process is delayed as the Producer, Scrutiny authority, Certification officer, Labs and seed processing units are geographically isolated. Also the following activities are carried out manually which cause delay in the whole process:
13 Project Objectives

The project objective is to maintain a transparent process in seed certification and encourage the production of adequate quantities of genetically pure and good quality seeds and regulate the quality of seeds sold to farmers at seed selling points.

14 Project Scope, Approach and Methodology

Waterfall Model with key defined milestones.

15 Results achieved/Value delivered to the beneficiary of the project and other distinct features/ accomplishments of the project

- The activities such as scrutiny of applications submitted by the Seed producer on the notified crops and functions of the department are further strengthened.
- Processing time accelerated to obtain the certification.
- Tracking on the various stages like field inspection, lab reports, seed processing on the registered seeds by stakeholders.

<table>
<thead>
<tr>
<th>Registered Seed Producers</th>
<th>Government</th>
<th>Quasi Government</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Seed Farmers</td>
<td>519</td>
<td>73</td>
<td>5,887</td>
</tr>
<tr>
<td>Seed production reports so far registered</td>
<td>338,213</td>
<td>56,340</td>
<td></td>
</tr>
</tbody>
</table>
### Tools /Applications and Infrastructure

<table>
<thead>
<tr>
<th>Tools</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Environments</td>
<td>Linux, Xamp, Apache</td>
</tr>
<tr>
<td>Defect Tracking</td>
<td>MantisBT</td>
</tr>
<tr>
<td>Version Control</td>
<td>Subversion (SVN)</td>
</tr>
<tr>
<td>Internal Project</td>
<td>Agile Methodology</td>
</tr>
<tr>
<td>Management</td>
<td></td>
</tr>
<tr>
<td>Build Stack</td>
<td>PHP 5</td>
</tr>
<tr>
<td>Database</td>
<td>MySQL</td>
</tr>
</tbody>
</table>

### Application Size

<table>
<thead>
<tr>
<th>Component</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Type</td>
<td>Size</td>
</tr>
<tr>
<td>Modules</td>
<td>3</td>
</tr>
<tr>
<td>Dynamic Pages</td>
<td>150+</td>
</tr>
<tr>
<td>Java Classes</td>
<td>150+</td>
</tr>
<tr>
<td>Source statements</td>
<td>100+</td>
</tr>
<tr>
<td>Database Tables</td>
<td>150+</td>
</tr>
<tr>
<td>Script Files</td>
<td>20+ Java scripts</td>
</tr>
<tr>
<td>Properties Files</td>
<td>1</td>
</tr>
<tr>
<td>Configurable application parameters</td>
<td>10+</td>
</tr>
</tbody>
</table>
Application Architecture

The Application Flow
Application Screen Shots

Home

Government of Tamil Nadu
Department of Seed Certification & Organic Certification

Seed Certification

Seed certification has to maintain and make available to the public, through certification, high quality seeds and propagating materials of notified kind and varieties so grown and distributed as to ensure genetic identity and genetic purity. In order to achieve this, the Seed Certification Department carries out the certification work in various seeds notified under Indian Seeds Act, 1966 and in accordance with the provisions of the Seed Rules, 1966 to maintain the quality of the seeds produced in the state.

Producer

Any person who wants to take up certified seed production should submit a written request to the Assistant Director of Seed Certification on the format with a prescribed registration and prescribed certification charges.

Seed Quality Control

The basic objective of the Seed legislation is to regulate the quality of seeds to farmers. Seed inspection wing is issuing the licenses for Seed dealers under Seed (Control) Order 1963.
Report registration
2.6 Develop the application software for Fertilizer Activities

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the Department</td>
<td>Department of Agriculture</td>
</tr>
<tr>
<td>2</td>
<td>Status of the host/owner</td>
<td>Hosted in Production Server of Agriculture Department premises</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Agriculture</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Develop the application software for Fertilizer Activities</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Mr. Venkatachalapathy</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Agriculture Complex, 4th Floor, Chepauk, Chennai, Tamil Nadu 600005</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/E-Mail</td>
<td><a href="mailto:karithode@gmail.com">karithode@gmail.com</a>/9444005219</td>
</tr>
</tbody>
</table>

8 Project Summary

The Agriculture Department has taken up the challenge to achieve higher growth rate in agriculture by implementing several development schemes.

To fetch better returns and value addition to agricultural produce, Department is managing fertilizer quality all over Tamil Nadu state and also providing licence to consumers for fertilizer marketing and fertilizer manufacturing.

9 Date of Launch of the Project

05-10-2016 / In the Department local server

10 Geographical Coverage

Tamil Nadu State

11 Beneficiary of the Project

Consumers (Fertilizer Manufacturing and Marketing individual/group) and Department, and finally the farmers

12 Problem Statement

The process for fertilizer quality analysis and lab testing, licence approval were executed in papers.

Original licence approval process was time consuming and also tracking of approved/duplicate licence issued to consumers was cumbersome.
13 Project Objectives

The main objective is to simplify the process of issue of Licences to the qualified (fertilizer manufacturer, marketing individual or agency) and to maintain the quality of the fertilizers distributed, and sold to the farmers.

14 Project Scope, Approach and Methodology

Application process for license approval to individual / group for manufacturing and marketing purposes.

15 Results achieved/Value delivered to the beneficiary of the project and other distinct features / achievements of the project

Department is able to track the status of licence approval process and fertilizer quality analysis, lab testing carried out and also Licences expired and renewal process etc.

Accelerates the licence scrutiny and approval process.

Reduction of work load to the Departmental personnel.

Technology Stack

<table>
<thead>
<tr>
<th>OS</th>
<th>Linux</th>
</tr>
</thead>
<tbody>
<tr>
<td>Framework</td>
<td>PHP</td>
</tr>
<tr>
<td>Database</td>
<td>MY SQL</td>
</tr>
<tr>
<td>Web server</td>
<td>Apache</td>
</tr>
<tr>
<td>UI</td>
<td>HTML, Java Script, jquery</td>
</tr>
</tbody>
</table>
### The Product/Application Size

<table>
<thead>
<tr>
<th>Component</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modules</td>
<td>8</td>
</tr>
<tr>
<td>Dynamic Pages</td>
<td>110 + Web pages</td>
</tr>
<tr>
<td>PHP Classes</td>
<td>250+</td>
</tr>
<tr>
<td>Database Tables</td>
<td>74+</td>
</tr>
<tr>
<td>Source Statements</td>
<td>5000+</td>
</tr>
<tr>
<td>Java script</td>
<td>100+</td>
</tr>
<tr>
<td>JQuery Scripts</td>
<td>300+</td>
</tr>
<tr>
<td>Configurable work flow</td>
<td>50+</td>
</tr>
<tr>
<td>Configurable application parameters</td>
<td>420+</td>
</tr>
</tbody>
</table>

### Tools/Software Application and Infrastructure

<table>
<thead>
<tr>
<th>Component</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Environment</td>
<td>LINUX</td>
</tr>
<tr>
<td>Defect Tracking Tool</td>
<td>Burp Suite</td>
</tr>
<tr>
<td>Project Management (Internal application)</td>
<td>ActivCollab</td>
</tr>
<tr>
<td>Build Stack</td>
<td>Apache, PHP, MySQL</td>
</tr>
<tr>
<td>Automated builds</td>
<td>Apache Continuum</td>
</tr>
</tbody>
</table>
Application Screenshots

Web Application

Fertilizer Sampling

Web Application

Sampling Analysis
3. ANIMAL HUSBANDRY, DAIRY AND FISHERIES DEPARTMENT
### 3.1 Online software for Fishermen Welfare Board Member Enrolment and Claim Sanction

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the Department</td>
</tr>
<tr>
<td>2</td>
<td>Status of the host/ owner</td>
</tr>
<tr>
<td>3</td>
<td>Name of the owner organization</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/ Fax/ E-mail</td>
</tr>
</tbody>
</table>

**Project Summary**

The applications are received and uploaded using the online software after due verification of documents from the District Level Officer. Then the files are processed and sanctioned at the Head Office in Chennai and subsequently relief amount will be credited directly into the beneficiary bank account.

**Date of Launch of the Project**

The Online Web based software went online on 01.09.2018.

**Geographical Coverage**

Whole of Tamil Nadu State.

**Beneficiary of the Project**

446,521 Members of the Fishermen Welfare Board.

**Project Objectives**

Direct Benefit Transfer, Accountability, Traceability, Deduplication and Speeding up the sanction process.
Project scope approach and Methodology

The Member enrolment forms and Claim forms received from the beneficiaries are uploaded into this online software from the Assistant Director of Fisheries at District level. Then the files are processed and approved at Head Office in Chennai and welfare benefits directly transferred to the beneficiary bank account through NEFT process.

Results achieved/ Value delivered to the beneficiary of the project and other distinct feature/ accomplishment of the project

Direct Benefit Transfer, Accountability, Traceability, Deduplication and Speeding up the sanction process.
3.2 Ban Period Relief assistance to Fishermen

1 Name of the Department
Department of Fisheries

2 Status of the host/owner
Software Field Trial is Going on

3 Name of the owner organisation
Directorate of Fisheries, Chennai

4 Name of the Project
Ban Period Relief assistance to Fishermen

5 Name of the Contact Person
Dr. G. S. Sameeran, IAS
Director of Fisheries

6 Contact Address
Integrated Office for Animal Husbandry and Fisheries,
No. 571, 3rd Floor, Anna Salai,
Nandanam, Chennai 600 035.

7 Telephone/ Fax/ E-mail
Tel : +91-44-24320791
Fax : +91-44-24335585
E-Mail : coffisheries@gmail.com

8 Project Summary
The beneficiary fishermen will submit the Ban Period Relief Assistance application forms to the nearby e-seva centres on his convenience in the prescribed period. The submitted applications are verified individually and forwarded by the concern Assistant Director of Fisheries to the Director of Fisheries for necessary approval. On approval the ban period relief assistance will be directly transferred to the beneficiary bank account.

9 Date of Launch of the Project
First Field Trial was conducted at Kanyakumari District on 27.07.2018.

10 Geographical Coverage
All 13 Coastal Districts of the State.

11 Beneficiary of the Project
Active Fishermen Families from all the 13 Coastal Districts of Tamil Nadu.

12 Project Objectives
Direct Benefit Transfer, Accountability, Traceability, Deduplication and Speeding up the sanction process.

13 Project scope approach and Methodology
The beneficiary fishermen will submit the ban period relief assistance application forms to the nearby e-seva centre on his convenience in the prescribed period. The submitted applications are verified individually and forwarded by the concern Assistant Director of Fisheries to the Director of Fisheries for necessary approval. On approval the ban period relief assistance will be directly transferred to the beneficiary bank account.
Results achieved/Value delivered to the beneficiaries of the project and other distinct feature/ accomplishment of the project

Direct Benefit Transfer, Accountability, Traceability, Deduplication and Speeding up the sanction process.
3.3 Education Resource Planning for Integrated University Management System

1. Name of the Department: Tamil Nadu Veterinary and Animal Sciences University (TANUVAS)
2. Status of the Host/Owner: Autonomous
3. Name of the Owner Organization: The Registrar, TANUVAS, Chennai
4. Name of Project: Education Resource Planning for Integrated University Management System
5. Name of the contact person: Dr P Thirunavukkarasu
6. Contact Address: Coordinator, CECONDS
   Tamil Nadu Veterinary and Animal Sciences University
   Madhavaram Milk Colony, Chennai 600 051
7. Telephone: 91-44-2555 4557
8. Email: ceconds@tanuvas.org.in

8. Project Summary
Digital University - e-Governance of Staff and Student Information and Management.

9. Geographical Coverage
Intranet of TANUVAS.

10. Beneficiary of the Project
Staff and Students of the University.

11. Project Activities
Makes the University as Digital University.

12. Project Scope and Methodology
- Online UG/PG Admission
- Human Resources Management System with payroll
- Student Information and Management System
- Finance and Account Management System
- Learning Management System

13. Results achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project
Under Development, not in production.
### 3.4 Management Information System – MIS

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Director of Animal Husbandry and Veterinary Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the host/owner</td>
<td>Hosting : State Data Centre</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Status : Active</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Department of Animal Husbandry</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Management Information System – MIS</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Thiru K. Balasubramanian – Deputy Registrar.</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Tamil Nadu Livestock Development Agency,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>571, Anna Salai, EEC Buildings,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Saidapet Veterinary Hospital Campus,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nandanam, Chennai 600 035</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/E-Mail</td>
<td>Phone : 044-24345362, 24358956</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fax : 044-24345361</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mail : <a href="mailto:anhfssec@gmail.com">anhfssec@gmail.com</a></td>
</tr>
</tbody>
</table>

#### 8 Project Summary

- MIS Application which captures data from different sections of National Project for cattle and Buffalo breeding.
- Monitoring the schemes and ensure it reaches the end user.
- Reporting system for different sections like fodder, farms, poultry, schemes, vital statistics, buildings and budget.
- Automate the manual tracking process of sections like poultry and farms.

#### 9 Date of Launch of the Project

10 / 09 / 2015

#### 10 Geographical Coverage

All the districts of Tamil Nadu

#### 11 Beneficiary of the Project

Farmers in Tamil Nadu and Department Employees

#### 12 Problem Statement

Following were the issues in the manual system:
• Data unavailability in real time.
• Unable to monitor the schemes and benefits provided by the government to farmers.
• Monitoring and tracking of scheme implementation across the rural livelihoods pertaining to National Project for cattle and Buffalo breeding.
• Unable to integrate services from other support department.

13 Project Objectives

The main objective is to provide management information system,

• Which will assist to effectively monitor the daily operations, the schemes implemented through National Project for cattle and Buffalo breeding. Integrating support services from other departments to collect data for scheme implementation.

14 Project Scope, Approach and Methodology

Waterfall with key defined milestones.

15 Results achieved/Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

• Accurate and real time information from different NADP (National Agricultural Development Programme) sections provided to the higher management.
• Reporting system with analytics.
• Real time monitoring of Scheme implementation.
• Real time stack of livestock and poultry.
• Data collected through current system.

<table>
<thead>
<tr>
<th>Section Detail</th>
<th>Data collected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farms</td>
<td>27</td>
</tr>
<tr>
<td>Poultry</td>
<td>31</td>
</tr>
<tr>
<td>Fodder</td>
<td>10</td>
</tr>
<tr>
<td>Medicine</td>
<td>Annual medicine requirement planning for years</td>
</tr>
<tr>
<td></td>
<td>2016</td>
</tr>
</tbody>
</table>

Technology Stack:

- OS Linux
- Platform JDK 1.7x
- Framework Spring MVC 4x
- Presentation Tier Framework Java J2EE
- Object-Relational Mapping (ORM) Hibernate 4x
- Database postgreSQL 9.1
- Web server Apache
- Application Server jBoss 7.1x
- Web service RESTful Web service
- Scripting Technology

Tools Application and infrastructure:

- Server Environments Linux
- Defect Tracking MantisBT
- Version Control Subversion (SVN)
- Internal Project Management Waterfall Methodology
- Build Stack Maven
- Automated Builds Jenkins
## Technology Stack:

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</tr>
<tr>
<td>UI</td>
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<tr>
<td>Reports</td>
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</table>

## Tools Application and infrastructure:

<table>
<thead>
<tr>
<th>Server Environments</th>
<th>Linux</th>
</tr>
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<tbody>
<tr>
<td>Defect Tracking</td>
<td>MantisBT</td>
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<td>Automated Builds</td>
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</table>
The Application Size:

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>Modules</td>
<td>15</td>
</tr>
<tr>
<td>Dynamic Pages</td>
<td>300+ Web pages</td>
</tr>
<tr>
<td>Java Classes</td>
<td>1250+ Java Classes</td>
</tr>
<tr>
<td>Database Tables</td>
<td>700+</td>
</tr>
<tr>
<td>Script Files</td>
<td>20+ Java scripts</td>
</tr>
<tr>
<td>Properties Files</td>
<td>1</td>
</tr>
<tr>
<td>Configurable application parameters</td>
<td>15+</td>
</tr>
</tbody>
</table>
The Application Size:

- Product Type Size
  - Modules: 15
  - Dynamic Pages: 300
  - Web pages
  - Java Classes: 1250
  - Database Tables: 700
  - JavaScript Files: 20
  - Properties Files: 1
  - Configurable application parameters: 15

Application Screen Shot:
3.5 Tamil Nadu Fishermen Welfare Board Software (TNFWB)

1. Name of the Department: Fisheries Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Tamil Nadu Fishermen Welfare Board
4. Name of the Project: Tamil Nadu Fishermen Welfare Board Software
   https://tnfwb.tn.gov.in
5. Name of the Contact Person: Director of Fisheries and MD of TNFDC
   Ms S Gayatri Devi, Sr. Technical Director, NIC
   s.gayatri@nic.in
6. Contact Address:
   Integrated Animal Husbandry and Fisheries Building,
   Integrated Office Complex, 571, 3rd Floor, Nandanam,
   Chennai 600 015
7. Telephone / Fax / eMail:
   044-24320791, 044-24335585
   coffisheries@gmail.com
   tnfisheries@nic.in

8. Project Summary

The project gives provision for member enrolment to Fishermen and Labourers engaged in fishing and other allied activities, and facilitates end to end processing of applications related to comprehensive social security schemes.

9. Date of launch of the Project

31/08/2018 – Commencement in pilot district Thanjavur.

10. Geographical Coverage

   Full State.

11. Beneficiary of the Project

   Fishermen and Labourers engaged in fishing and other allied activities, and who are Members of TNFWB.

12. Problem Statement

   An online solution for TNFWB was required to handle the claim applications of its members to be delivered in an efficient manner and at the same time ensure that there is no duplication of benefits being delivered to the same beneficiaries.

13. Project Objectives

   - Precise record keeping of Membership details
   - Efficient processing of Claims for relief or assistance
3.5 Tamil Nadu Fishermen Welfare Board Software (TNFWB)

1 Name of the Department: Fisheries Department
2 Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3 Name of the Owner Organization: Tamil Nadu Fishermen Welfare Board
4 Name of the Project: Tamil Nadu Fishermen Welfare Board Software

5 Name of the Contact Person: Director of Fisheries and MD of TNFDC
   Ms S Gayatri Devi., Sr. Technical Director, NIC
   s.gayatri@nic.in

6 Contact Address: Integrated Animal Husbandry and Fisheries Building,
   Integrated Office Complex, 571, 3rd Floor, Nandanam,
   Chennai 600 015

7 Telephone / Fax / eMail: 044-24320791, 044-24335585
   coffisheries@gmail.com
   tnfisheries@nic.in

8 Project Summary:
The project gives provision for member enrolment to Fishermen and Labourers engaged in fishing and other allied activities, and facilitates end to end processing of applications related to comprehensive social security schemes.

9 Date of launch of the Project: 31/08/2018 – Commencement in pilot district Thanjavur.

10 Geographical Coverage: Full State.

11 Beneficiary of the Project: Fishermen and Labourers engaged in fishing and other allied activities, and who are Members of TNFWB.

12 Problem Statement:
An online solution for TNFWB was required to handle the claim applications of its members to be delivered in an efficient manner and at the same time ensure that there is no duplication of benefits being delivered to the same beneficiaries.

13 Project Objectives:
- Precise record keeping of Membership details
- Efficient processing of Claims for relief or assistance
- Transparency in the disbursement of relief amount to the beneficiaries and help in providing relief assistance to the actual eligible fishermen in appropriate time through the system.
- Enable easy tracking of the status of application for assistance
- Avoid duplication of Beneficiary for same scheme applied for by different members of same family, since more than one member of a family is eligible to take Board membership.
- Effective Monitoring of the applications by management at all levels through MIS reports.

14 Project Scope, Approach and Methodology:
- Handles member enrolment and generation of Membership ID card
- Handles various Member services.
- Work-flow based processing of claims submitted by members for various forms of relief/assistance.
- MIS reports to aid monitoring of the applications by management at all levels.

15 Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project:
The project is in its pilot stage.
3.6 Intranet based Monitoring and Management System for the Schemes for free distribution of Milch Cows and Goats / Sheep

1. Name of the Department
   Animal Husbandry and Veterinary Services Department

2. Status of the host/owner
   Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organisation
   Directorate of Animal Husbandry and Veterinary Service

4. Name of the Project
   Intranet based Monitoring and Management System for the Schemes for free distribution of Milch Cows and Goats / Sheep

5. Name of the Contact Person
   Mrs. S Gayatri Devi, Sr. Technical Director, NIC

6. Contact Address
   DMS Complex, 3rd Floor Block 2, Annasalai, Teynampet, Chennai  600018

7. Telephone/Fax/Email
   ph : 044 - 24321070, 24321614, email: adahmonitar@gmail.com

8. Project Summary

For the scheme of free distribution of Milch Cows/Sheep and Goats, a web based management system was developed for the Animal Husbandry Department, to track the processes related to purchase, distribution, and post-purchase health follow-up of animals.

9. Date of launch of the Project
   2012

10. Geographical Coverage

All over Tamil Nadu.

11. Beneficiary of the Project

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

12. Problem Statement

Compilation of beneficiary list, purchase information, is cumbersome. Preparation of reports time consuming.

13. Project Objectives

To overcome the above problem, a web based system was developed for monitoring of Free distribution Milch cows and Sheep/Goats Scheme. The Software facilitates maintaining up-to-date record of Beneficiaries, purchase and post-purchase follow up details, fund utilisation. Record of ear-tag distribution and their utilisation.
14. Project Scope, Approach and methodology

Software developed for updation of Village wise Target by Regional Offices, Updation of beneficiaries’ information and Purchase details by the Veterinary Assistant Surgeons of the concerned block.

15. Results achieved /Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

Effective monitoring of the scheme with the help of Beneficiary details, Purchase details, Post purchase follow-up details Analysis of Financial expenditure incurred. Analysis of beneficiary village wise, community wise, gender wise. Animals identified with ear-tags recorded during post purchase follow up for proper inventory and effectiveness of the scheme.
## Purchase Details - for Milch Cows

<table>
<thead>
<tr>
<th>Source</th>
<th>Village Name/Number</th>
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<th>Village PARC Code</th>
<th>Financial Period</th>
<th>Financial District</th>
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</tr>
</tbody>
</table>

### Financial Details

- **Total Cost**: Rs. 1,000
- **Cost of Animal**: Rs. 250
- **Cost of Travel**: Rs. 1,000
- **Cost of Insurance**: Rs. 80

### Travel Costs

- **Travel Cost**: Rs. 1,000
- **Date of Travel**: 15-05-2014

### Transportation Details

- **Transportation Cost**: Rs. 2,000
- **Date of Transportation**: 15-05-2014

### Insurance Details

- **Insurance Policy**: Rs. 80
- **Policy Date**: 15-05-2014

### Village Details

- **Village Name**: Nager Kovil
- **Village PARC Code**: 12345

### Additional Details

- **Show Details**: Yes
- **Print Details**: Yes

---

*Note: All details are hypothetical for demonstration purposes.*
4. BACKWARD CLASSES, MOST BACKWARD CLASSES AND MINORITIES WELFARE
4.1 BC,MBC Scholarship

1. Name of the Department
   Department of Backward Classes, Most Backward Classes and Minorities Welfare

2. Status of the Host / Owner
   National Information Centre,
   Besant Nagar, Chennai.

3. Name of the Owner Organization
   Directorate of Backward Classes Welfare.

4. Name of the Project
   e-District- BC,MBC Scholarship

5. Name of the Contact Person
   Tmt. S. Sharmilee, Special Officer (Planning)

6. Contact Address
   Directorate of Backward Classes Welfare,
   Ezhilagam Annex Building, Chepauk,
   Chennai 600005.

7. Telephone / Fax / E-mail
   Telephone: 044-28511124 Fax : 044-28552642
   E-mail : dir-bcmw@nic.in

8. Project Summary
   Around 1,500 Colleges throughout the State of Tamil Nadu register the claims for scholarship received from BC and MBC/DNC students of their institution along with the details of Bank A/C of students in web portal: www.escholarship.tn.gov.in through the login credentials provided to them. Initially the web-based system was used for scrutinize and sanction of application by DBCWO. The work of disbursement of scholarship amount to the students was done manually through institution. Later in the year 2013-14 the scholarship amount was disbursed directly to the student’s bank account through ECS by the respective DBCWOs. From the Year 2016-17 disbursement of scholarship amount was made centralized by respective head of the departments. This has ultimately reduced delay in disbursement of scholarship. Every year around 5 Lakh such students’ applications for scholarship were received to the tune of Rs. 200 Crore and processed online for payment to the students' bank accounts directly through ECS.

9. Date of Launch of the Project
   2009

10. Geographical Coverage
   State of Tamil Nadu.

11. Beneficiary of the Project
   BC,MBC and DNC College Students studying in Govt, Govt Aided institutions and students admitted in private institutions under Govt quota through Single window System of Counselling.

12. Problem Statement
   Validation of Bank account details and Aadhaar number to ensure 100% eradication of duplicates.
13. **Project Objectives**

Delivery of Service in time, Ensure hassle free service, Eradication of duplicates, Direct Benefit Transfer (DBT).

14. **Project Scope, Approach and Methodology**

Identifying and Eradicating Duplicate records through validation of Bank and Aadhaar details of the students.

15. **Results achieved / Value delivered**

1. Delivery of Service in time to the beneficiaries of the project
2. Ensure hassle free service and other distinct features
3. Direct Benefit Transfer (DBT), accomplishments of the project
4.2 Monitoring of Free Cycle Distribution to Students by BCMBC Department

1 Name of the Department: Department of Backward Classes, Most Backward Classes and Minorities Welfare (BCMBC Department)

2 Status of the Host / Owner: Government of Tamil Nadu, Software support by NIC

3 Name of the Owner Organization: DIRECTORATE OF BACKWARD CLASSES WELFARE

4 Name of the Project: Free Cycles Distribution

5 Name of the Contact Person:
   - Director, Backward Classes Welfare
   - Shri Chandrasekaran, Technical Director, NIC
   - chandra.tn@nic.in

6 Contact Address: Director, Backward Classes Welfare, Chepauk, Chennai – 5.

7 Telephone/Fax/eMail: dir-bcmw@nic.in

8. Project Summary
   - Free Cycles Distribution to Students.

9. Date of Launch of Project
   01/01/2012

10. Geographical coverage
    - All Over Tamil Nadu

11. Beneficiary of the Project
    - Students of 11th Standard in Govt., Govt Aided Schools

12. Problem Statement
    - The Tamil Nadu Government distributes free cycles to 11th standard students in Government and Government aided schools.
    - Individual Schools need to enter the details about students who receive bi cycles every year. Schools enter data once cycles are distributed to the students. Distribution needs to be monitored across the State.

13. Project Objectives
    - To overcome the above problem, an online system is envisaged to enter the details about students.

14. Project Scope Approach and Methodology
    - The web enabled Free cycles Distribution System is developed. It collects details about students like name, aadhaar number, gender, date of birth, section, religion, community, bicycle number and date of distribution. Each of the 3,518 schools is given a login ID and the individual school will enter the student details in the system. Schools enter data once cycles are distributed to the students.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
    - Details about 600,000 students are available.
    - BCMBC Department, District Collectors, CEO and DEO are also stakeholders in this project and are also viewing the distribution details online.
4.2 Monitoring of Free Cycle Distribution to Students by BCMBC Department

1. Name of the Department
   Department of Backward Classes, Most Backward Classes and Minorities Welfare (BCMBC Department)

2. Status of the Host / Owner
   Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organization
   DIRECTORATE OF BACKWARD CLASSES WELFARE

4. Name of the Project
   Free Cycles Distribution

5. Name of the Contact Person
   Director, Backward Classes Welfare
   Shri Chandrasekaran, Technical Director, NIC
   chandra.tn@nic.in

6. Contact Address
   Director, Backward Classes Welfare, Chepauk, Chennai – 5.
   dir-bcmw@nic.in

9. Date of Launch of Project
   1/01/2012

11. Beneficiary of the Project
   Students of 11th Standard in Govt., Govt Aided Schools

12. Problem Statement
   The Tamil Nadu Government distributes free cycles to 11th standard students in Government and Government aided schools.
   Individual Schools need to enter the details about students who receive bi cycles every year. Schools enter data once cycles are distributed to the students. Distribution needs to be monitored across the State.

14. Project Scope Approach and Methodology
   The web enabled Free cycles Distribution System is developed. It collects details about students like name, aadhaar number, gender, date of birth, section, religion, community, bicycle number and date of distribution. Each of the 3,518 schools is given a login ID and the individual school will enter the student details in the system. Schools enter data once cycles are distributed to the students.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project
   Details about 600,000 students are available.
   BCMBC Department, District Collectors, CEO and DEO are also stakeholders in this project and are also viewing the distribution details online.
5. CO-OPERATION, FOOD AND CONSUMER PROTECTION DEPARTMENT
5.1 End-to-End Computerization of Public Distribution System

1. Name of the Department: Civil Supplies and Consumer Protection Department
2. Status of the host / owner: Commissioner
3. Name of the Owner Organization: Civil Supplies and Consumer Protection Department
4. Name of the Project: End-to-End Computerization of Public Distribution System
5. Name of the Contact Person: Tmt. S. Madumathi, I.A.S.
6. Contact Address: Commissioner, Civil Supplies and Consumer Protection Department, IV Floor, Ezhilagam, Chepauk, Chennai 600 005.
7. Telephone / Fax / E-Mail: Telephone: 044-28592255 FAX: 044-28510731 E-Mail: ccs@tn.gov.in

8. Project Summary
- 35082 e-PoS devices have been installed
- Creation of family card database
- Supply chain management
- Grievance redressal

9. Date of Launch of the Project
Contract signed with M/s. OASYS Cybernetics Private Limited on 02/03/2015
Statewide rollout completed in September-2016 and Operation and Maintenance commenced in October-2016.

10. Geographical coverage
- Total No. of districts: 33
- Total No. of taluks: 292
- Total No. of Godowns: 241
- Total No. of Fair Price Shops: 34,773
- Total No. of Kerosene Bunks: 309

11. Beneficiary of the Project
All Smart family cardholders of Tamil Nadu (more than 6,75,76,752 beneficiaries)

12. Problem Statement
- Bogus cards
- De-duplication
- Beneficiaries count more than NPR data
• Bogus billing at fair price shops
• Automate the allocation of food grain
• Create fast and effective grievance redressal system by improving the process automation
• Minimize the cost to Government

13. Project Objectives
To enable easy accessibility and better service to the family card holders and better function of all Stake holders.

14. Project Scope, Approach and Methodology
• Creation of Family Database (FDB) by ensuring de-duplication based on Aadhaar numbers.
• Assigning Unique Family Code (UFC) to every family in the database (FDB)
• Printing of smart family cards with UFC (QR code based) and with security features.
• Deployment of POS devices at fair price shops with GPRS, SMS gateway etc.
• Development of PDS application software and PDS portal (Bilingual)
• Setting up Centralized Help Desk for all stakeholders

15. Results achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishments of the project
• Smart family card has been issued with identification of unique family code
• Every family card seeded with at least one UID information and Mobile number
• All citizen centric services and department process in web platform with complete transparency
• SMS alert enabled to the cardholders registered mobile number of all transactions.
• Give it up- Give it up facility for the card holders to give it up the commodities for long / short time.
• A toll-free helpline has been setup for the grievance redressal of the beneficiaries and all stakeholders (1967 and 1800 425 5901).
5.2 Civil Supplies Price Monitoring System

1. Name of the Department: Civil Supplies and Consumer Protection Department
2. Status of the host/owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organisation: Civil Supplies Price Monitoring Cell
4. Name of the Project: Civil Supplies Price Monitoring System
5. Name of the Contact Person: Commissioner of Civil Supplies
   Mrs. S Gayatri Devi, Sr. Technical Director, NIC
   s.gayatri@nic.in
6. Contact Address: 4th Floor, Ezhilagam Main Building, Chepauk, Chennai – 600 005
7. Telephone/Fax/Email: 044-28583222
   ccs.pmc@tn.gov.in

8. Project Summary

The project gives provision to monitor the Price details and trend of essential commodities. Data regarding Wholesale and Retail Prices of essential commodities including Vegetables are collected from all Districts on Daily, Weekly, Monthly basis and entered through this software. Hotel prices, Arrivals and Offtake at Regulated Markets are also collected on Monthly basis.

9. Date of launch of the Project

June 2008

10. Geographical Coverage

Full State

11. Beneficiary of the Project

Data is consolidated at State Headquarter and various MIS reports are generated. Based on these reports, Govt. will take necessary action to control prices if required.

12. Problem Statement

Collecting Prices of Commodities from all Districts and compiling manually on a daily basis is a difficult task.

13. Project Objectives

- Daily, Weekly, Monthly prices of essential commodities and vegetables.
- District-wise price report
- Comparative statement of prices in the Districts
- Comparative statement of previous month, previous year
- Comparative statement with neighbouring States.
- Effective Monitoring of the prices by management at all levels through MIS reports

14. Project scope approach and methodology
To generate the necessary price variation indicators for effective decision making to control the prices.

15 Results achieved /Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project

Implemented in all Districts. Useful to the Govt. to take necessary action to keep essential commodities and vegetable prices under control.

<table>
<thead>
<tr>
<th>Commodity Name</th>
<th>Wholesale Price</th>
<th>Retail Price</th>
<th>Date</th>
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<td>April 2019</td>
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<td>B.R Common CH 1000</td>
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<tr>
<td>Bangaragaram Dalit</td>
<td>5400.00</td>
<td>5400.00</td>
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<td>Urad Dalit / Black Gramhall</td>
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<td>Maching Dalit / Green Gramhall</td>
<td>9000.00</td>
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<tr>
<td>Corrigal Oil (Ordinary)</td>
<td>18500.00</td>
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## Civil Supplies and Consumer Protection Department

### Wholesale / Retail Price of Vegetables in Chennai City

**Date:** 02/07/2015

<table>
<thead>
<tr>
<th>Commodity Name</th>
<th>Wholesale Price (Koyambedu Market)</th>
<th>% Variation Compared with Previous Year</th>
<th>Retail Price - Koyambedu</th>
<th>Retail Price - Triplicane</th>
<th>Retail Price - T. Nagar</th>
<th>Retail Price - Tambaram</th>
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<td>Potato (Sort)</td>
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6. COMMERCIAL TAXES AND REGISTRATION DEPARTMENT
6.1 Total Solution Project

1. Name of the Department
   Department of Commercial Taxes, Government of Tamil Nadu

2. Status of the host/owner
   Commissioner of Commercial Taxes

3. Name of the Owner Organization
   Department of Commercial Taxes, Government of Tamil Nadu

4. Name of the Project
   Total Solution Project – TSP

5. Name of the contact person
   Thiru. S. Ramasamy, Joint Commissioner (Computer Systems)

6. Contact Address
   PAPJM Building, No.1, Greams Road, Chennai 600 006.

7. Telephone/Fax/E-Mail
   Telephone / Fax - 044-28291082
e-mail - jccs@ctd.tn.gov.in

8. Project Summary

   Development/customization, implementation and support of application and infrastructure to administer and collect Commercial Taxes being administrated by the TNDCT and to comply with the following objectives:

   - Improve service delivery by:
     - Providing anytime anywhere access to services to taxpayers
     - Reduction in service turnaround time
     - Increasing degree of transparency in operations
   - Support department in achieving its goal of enhanced revenue collection through:
     - System aided decision making
     - Simplification and streamlining of Department’s procedures
     - Better monitoring of work tasks
     - Enhanced analytical and reporting capabilities

9. Date of Launch of the project

   29th January 2016

10. Geographical Coverage

    State of Tamil Nadu

11. Beneficiary of the project

    Tamil Nadu Commercial Taxes Department and Mercantile Public

12. Problem Statement

    Prior to the Total Solution Project:
Two different applications were available with centralized Intranet application for core tax modules developed and hosted in CT Data Centre and Internet application for e-Filing, e-Payment and Online Statutory forms (Forms C and Form F) developed and hosted by NIC.

1. Partial computerization- enforcement, appellate and refunds etc., were manual
2. Interoperability Challenge of NIC and Intranet
3. Data integrity, Scalability and flexibility issues
4. Obsolete hardware and exponential increase of user load
5. Different Application /Platforms / Agencies/ Data centres
6. No centralized platform and No DR / NLDR
7. Non-scalability of the Application(Only partial services were provided)
8. Connectivity problems

13. Project Objectives

To develop a computerized Tax Administration System for the management and collection of GST and VAT, CST on the goods that are kept outside the purview of GST in the State.

By implementing the system, customer will be able to achieve the following objectives:

1. Increase the tax net.
2. Identify defaulters and hence improve tax compliance and collections.
3. Create an automated system which is in line with international best practices.
4. Generate MIS to aid the senior management, for effective decision making and policy planning. This will help in improving forecasting and analytical capabilities of the department.
5. Enable cost effective by reducing manual effort and automating routine jobs.
6. Help in classification of dealers based on turnover, industry and risk.

14. Project Scope, Approach and Methodology

**Project Scope:**

3. Support and Maintenance of existing application of TNCTD and TNGST.
4. Procurement, deployment and maintenance of required infrastructure at data centre and near DR site and Disaster site.
5. Procurement, deployment, operationalization and maintenance of infrastructure at all office locations and checkposts.
6. Establishment of last mile connectivity from the SWAN PoP to each of the department office locations and checkposts.
7. Establishment of connectivity between data centres.
8. Data Migration - Migration of data from legacy systems.
9. Operations and maintenance of helpdesk to resolve dealer and internal user queries.

15. Results achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project

1. Online Registration - Dealers can apply online for Registration without visiting the respective offices. and the certificate of Registration digitally signed by the official can be downloaded by the dealer through the portal. If not approved within two days Registration will be deemed approved. No. of Registrations per year: around 108,000.
2. E-Filing of Monthly Returns - After filing the returns online with DSC, there is no need to submit the hard copy of the entire return in the respective Assessment Circle. If dealers filed without DSC, they need to submit the signed acknowledgment copy in the respective assessment circle.
3. E-payment - Around 99% of Total Commercial Taxes revenue is being collected through online / offline. 31 Banks have been authorized by the Government for online /offline payment of Commercial Taxes through the Department portal.
4. Online generation of Statutory Forms - Form C, Form F and Form H can be generated through the portal based on the Returns filed by the dealers.
   Online generation of Checkpost forms for movement of goods - All the forms JJ, KK, LL and MM are available through online.
7. Energy Department

7.1 e-File of New Service Connection

1. Name of the Department: Energy Department
2. Status of the Host / Owner: TANGEDCO - Power Utility
3. Name of the Owner Organisation: TANGEDCO
4. Name of the Project: e-Filing of New Service Connection (Both LT and HT)
5. Name of the Contact Person: CHIEF ENGINEER / IT
6. Contact Address: No.144 Anna Salai, TNEB HEADQUARTERS, CHENNAI 600002.
7. Telephone / Fax / Mail: 044 - 28525587, ceit@tnebnet.org

8. Project Summary: Online registration of New Service Connection / Temporary / Load Change


10. Geographical Coverage: Entire Tamil Nadu

11. Beneficiary of the project: TANGEDCO intending Consumers, such as Domestic, Commercial and Industrial.

12. Problem Statement: To automate the processing of applications for LT and HT new service connection and addition / reduction of load.

13. Project Objectives: Online Registration of New Service Connection/ Temporary/ Load Change for public in TANGEDCO website.

14. Project Scope, Approach and Methodology: To automate the processing of applications for LT and HT new service connection and addition / reduction of load with all functionalities right from application registration to effecting of service connection, including estimation and processing.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project: Consumers can easily track the application status, details etc through online.
7.1 e-Filing of New Service Connection

1. Name of the Department: Energy Department
2. Status of the Host / Owner: TANGEDCO - Power Utility
3. Name of the Owner Organisation: TANGEDCO
4. Name of the Project: e-Filing of New Service Connection (Both LT and HT)
5. Name of the Contact Person: CHIEF ENGINEER / IT
6. Contact Address: No.144 Anna Salai, TNEB HEADQUARTERS, CHENNAI 600002.
7. Telephone / Fax / Mail: 044 - 28525587, ceit@tnebnet.org

8. Project Summary

Online registration of New Service Connection / Temporary / Load Change

9. Date of launch of the Project

5.8.2016

10. Geographical Coverage

Entire Tamil Nadu

11. Beneficiary of the project

TANGEDCO intending Consumers, such as Domestic, Commercial and Industrial.

12. Problem Statement

To automate the processing of applications for LT and HT new service connection and addition / reduction of load.

13. Project Objectives

Online Registration of New Service Connection / Temporary / Load Change for public in TANGEDCO website.

14. Project Scope, Approach and Methodology

To automate the processing of applications for LT and HT new service connection and addition / reduction of load with all functionalities right from application registration to effecting of service connection, including estimation and processing.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

Consumers can easily track the application status, details etc through online.
8. Project Summary
Payment of electricity charges through online web portal of TANGEDCO.

9. Date of launch of the Project
17/09/2008

10. Geographical Coverage
Throughout the State

11. Beneficiary of the project
TANGEDCO Low Tension Consumers

12. Problem Statement
To build up a reliable, affordable, secure and scalable online transaction processing system, so that the consumers of TANGEDCO can make payment through TANGEDCO website.

13. Project Objectives
Payment of electricity bills through alternate modes of collection like net banking, Credit /Debit cards, Post office counters, Bank counters, Bharath Bill Payments, SMS banking of selected bank, mobile app payments, Common service centres (e-Sevai).

14. Project Scope, Approach and Methodology
Payment of electricity bills through alternate modes of collection like net banking, Credit /Debit cards, Post office counters, Bank counters, Bharath Bill Payments, SMS banking of selected bank, mobile app payments, Common service centres. Viewing the bills summary, payment status and receipts. Consumer complaint to register complaints and viewing the status.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
Approximately 25 percentage of Electricity Consumers are paying through the alternate modes of collection.
### 7.2 Online Bill Payment

1. **Name of the Department**: Energy Department  
2. **Status of the Host / Owner**: TANGEDCO - Power Utility  
3. **Name of the Owner Organisation**: TANGEDCO  
4. **Name of the Project**: e-Filing of New Service Connections (Both LT and HT)  
5. **Name of the Contact Person**: CHIEF ENGINEER / IT  
6. **Contact Address**: No.144 Anna Salai, TNEB HEADQUARTERS, CHENNAI 600002  
7. **Telephone / Fax /Mail**: 044 - 28525587 , ceit@tnebnet.org

### 8. Project Summary
Payment of electricity charges through online web portal of TANGEDCO.

### 9. Date of launch of the Project
17/09/2008

### 10. Geographical Coverage
Throughout the State

### 11. Beneficiary of the project
TANGEDCO Low Tension Consumers

### 12. Problem Statement
To build up a reliable, affordable, secure and scalable online transaction processing system, so that the consumers of TANGEDCO can make payment through TANGEDCO website.

### 13. Project Objectives
Payment of electricity bills through alternate modes of collection like net banking, Credit /Debit cards, Post office counters, Bank Counters, Bharath Bill Payments, SMS banking of selected bank, mobile app payments, Common service centres (e-Sevai).

### 14. Project Scope, Approach and Methodology
Payment of electricity bills through alternate modes of collection like net banking, Credit /Debit cards, Post office counters, Bank counters, Bharath Bill Payments, SMS banking of selected bank, mobile app payments, Common service centres. Viewing the bills summary, payment status and receipts. Consumer complaint to register complaints and viewing the status.

### 15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
Approximately 25 percentage of Electricity Consumers are paying through the alternate modes of collection.
7.3 Mobile Application for Online Payment

1 Name of the Department Energy Department
2 Status of the host/owner TANGEDCO-Power Utility
3 Name of the Owner Organization TANGEDCO
4 Name of the Project Mobile Application for online payment (LT consumers)
5 Name of the Contact Person Chief Engineer / IT
6 Contact Address 144, Anna Salai, TNEBHQ, Chennai
7 Telephone /Fax/E-Mail 044-28525587, ceit@tnebnet.org

8. Project Summary
Payment of Electricity charges through mobile app (Android & iOS) of TANGEDCO

9. Date of launch of the project
12.07.2017

10. Geographical Coverage
Through the State

11. Beneficiary of the project
TANGEDCO Low Tension Consumers

12. Problem Statement
To build up a reliable, affordable, secure and scalable online transaction processing system, so that the consumers of TANGEDCO can make payment through TANGEDCO website.

13. Project Objectives
Payment of electricity bills suing TANGEDCO Mobile App via netbanking, Credit/Debit cards. To facilitate the consumer to view their bill details and make payment.

14. Project Scope Approach and Methodology
Development of Mobile application for both android based mobile and iOS based mobile for Payment of electricity bills. It includes viewing the bills, payment via netbanking and credit/debit cards, status of payment, receipts and Summary details of the consumer bills.

15. Results Achieved / Value delivered to the beneficiary of the project and other district feature / accomplishment of the project
Approximately 10 lakh consumers have availed this facility.
# 7.4 SMS Services

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<tr>
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<td>Chief Engineer / IT</td>
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<td>144, Anna Salai,TNEBHQ,Chennai</td>
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<td>Telephone /Fax/E-Mail</td>
<td>044-28525587,<a href="mailto:ceit@tnebnet.org">ceit@tnebnet.org</a></td>
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## 8. Project Summary

Sending SMS to consumers regarding their electricity bill details along with due date information

## 9. Date of launch of the project

12.06.2017

## 10. Geographical Coverage

Through the State

## 11. Beneficiary of the project

TANGEDCO Low Tension Consumers

## 12. Problem Statement

Consumers of TANGEDCO are paying the electricity charges within the due date entered in the White Meter Card. As a value added service to intimate the bill amount and the due date immediately after the assessment and reminder SMS three days before due date for those who have not paid.

## 13. Project Objectives

To send current Consumption charges details along with due date for LT consumers

## 14. Project Scope Approach and Methodology

Sending SMS regarding the current consumption charges along with due date and reminder SMS three days before the due date.

## 15. Results Achieved / Value delivered to the beneficiary of the project and other district feature / accomplishment of the project

Approximately 90 lakh SMS send to consumers every month
### 7.5 Consumer Grievance Redressal Forum

1. Name of the Department: Energy Department  
2. Status of the Host / Owner: TANGEDCO - Power Utility  
3. Name of the Owner Organisation: TANGEDCO  
4. Name of the Project: CONSUMER GRIEVANCE REDRESSAL FORUM  
5. Name of the Contact Person: CHIEF ENGINEER / IT  
6. Contact Address: No.144 Anna Salai, TNEB HEADQUARTERS, CHENNAI -2  
7. Telephone / Fax /Mail: 044 - 28525587 , ceit@tnebnet.org

#### 8. Project Summary
Online Registration of complaints to CGRF for public in TANGEDCO website.

#### 9. Date of launch of the Project
6.6.2014

#### 10. Geographical Coverage
Entire Tamil Nadu

#### 11. Beneficiary of the project
TANGEDCO - Consumers

#### 12. Problem Statement
Consumers found it difficult to register their complaints directly at distribution offices.

#### 13. Project Objectives
Hassle-free way of registering consumer’s GRIEVANCES with TANGEDCO in line with TNERC regulations.

#### 14. Project Scope, Approach and Methodology
Complaints attended at circle level.

#### 15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
Consumers are relieved of the burden of commuting to the section office for grievance readdressal an fast response is provided to the consumers.
7.6 Computer Based Power Failure Redressel Centre

1. Name of the Department: Energy Department
2. Status of the Host / Owner: TANGEDCO - Power Utility
3. Name of the Owner Organisation: TANGEDCO
4. Name of the Project: Computer Based Power Failure Redressel Centre
5. Name of the Contact Person: CHIEF ENGINEER / IT
6. Contact Address: No.144 Anna Salai, TNEB HEADQUARTERS, CHENNAI -2
7. Telephone / Fax /Mail: 044 - 28525587, ceit@tnebnet.org

8. Project Summary
For registering the power failure Complaints of Chennai City Consumers and to rectify them (1912).

9. Date of launch of the Project
11.12.2003

10. Geographical Coverage
Chennai North and South Regions

11. Beneficiary of the project
Electricity Consumers in Chennai and other17 Distribution Circles

12. Problem Statement
Consumers found it difficult to register their complaints directly at distribution offices.

13. Project Objectives
To register the Power Failure Complaints, to Give a Unique complaint Number to the consumers, rectify the complaints and restoration of Power supply

14. Project Scope, Approach and Methodology
Registering of complaints through a user friendly software and quick redressal of complaints

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
The consumer complaints are addressed in an effective manner by follow up of complaints thereby interruption time is reduced considerably.
### 7.7 On-Line Direct Recruitment For All Category

1. Name of the Department: Energy Department
2. Status of the host/owner: TANGEDCO-Power Utility
3. Name of the Owner Organization: TANGEDCO
4. Name of the Project: On-line Direct Recruitment for all category

5. Name of the Contact Person: Chief Engineer / IT
6. Contact Address: 144, Anna Salai, TNEBHQ, Chennai
7. Telephone /Fax/E-Mail: 044-28525587, ceit@tnebnet.org

### 8. Project Summary

### 9. Date of launch of the project

28.12.2015

### 10. Geographical Coverage

All over India

### 11. Beneficiary of the project

All citizen of India

### 12. Problem Statement

### 13. Project Objectives

Complete automation of recruitment process from online application to publication of results

### 14. Project Scope Approach and Methodology

Complete automation of recruitment process from online application to publication of results

**Methodology**

- On-line application for all posts
- On-line payment for ease of paying the fees
- Hall tickets are generated and dispatched online
- Examination is conducted by the competitive University
- Publishing of Examination results online and transparently
- Publishing of selected candidates and their appointment order online and transparently with all details

### 15. Results Achieved / Value delivered to the beneficiary of the project and other district feature / accomplishment of the project

- Transparency
- Opportunity to all talented candidates
- Efficiently and right employee for the organization
- Processing time is minimal
7.7 On Line Direct Recruitment For All Category

8. Project Summary

9. Date of launch of the project
28.12.2015

10. Geographical Coverage
All over India

11. Beneficiary of the project
All citizen of India

12. Problem Statement

13. Project Objectives
Complete automation of recruitment process from online application to publication of results

14. Project Scope Approach and Methodology
Methodology
On-line application for all posts
On-line payment for ease of paying the fees
Hall tickets are generated and dispatched online
Examination is conducted by the competitive University
Publishing of Examination results online and transparently
Publishing of selected candidates and their appointment order online and transparently with all details

15. Results Achieved / Value delivered to the beneficiary of the project and other district feature / accomplishment of the project

1. Transparency

2. Opportunity to all talented candidates

3. Efficiently and right employee for the organization

4. Processing time is minimal
7.8 Pension Information System

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</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Pension Information System</td>
</tr>
</tbody>
</table>

**Project Summary**

Viewing of monthly Pension details by pensioners and family pensioners of TNEB and also various order issued by Government of Tamil Nadu and TANGEDCO from time to time

**9. Date of launch of the project**

2002

**10. Geographical Coverage**

Entire TNEB pensioners

**11. Beneficiary of the project**

Retired staff and family members of TNEB

**12. Problem Statement**

-

**13. Project Objectives**

To make available all the payment details of the pensioners and family pensioners and various orders issued regarding disbursement of pension

**14. Project Scope Approach and Methodology**

To provide a system through which retired persons and their family members can view all details related to pension

**15. Results Achieved / Value delivered to the beneficiary of the project and other district feature / accomplishment of the project**

Pension details of about 90,000 pensioners / family pensioners are available for viewing by pensioners through internet.
# 7.9 On-Line Departmental Test

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<td>Name of the Contact Person</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
</tr>
<tr>
<td>7</td>
<td>Telephone /Fax/E-Mail</td>
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</table>

8. Project Summary -

9. Date of Launch of the Project

2nd September 201

10. Geographical Coverage

All Over Tamil Nadu

11. Beneficiary of the Project

All employees of TANGEDCO and TANTRANSCO

12. Problem Statement -

13. Project Objectives

Complete automation of conducting of departmental examination process from online-application to publication of results on par with TNPSC

14. Project Scope Approach and Methodology

Complete automation of departmental examination process from online-application to publication of results methodology.

- On-line application for all the employees for all department tests.
- Counter challan payment for ease of paying the fees.
- Test centre allocation and Hall tickets are generated and dispatched online.
- Publishing of examination results online and transparently.

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project

1. Transparency
2. Opportunity to all departmental candidates
3. Processing time is very minimal
### 7.10 Tamil Nadu Energy Development Agency – e-Governance

<table>
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<tr>
<th></th>
<th>Name of the Department</th>
<th>Tamil Nadu Energy Development Agency</th>
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<tbody>
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<td>2</td>
<td>Status of the Host / Owner</td>
<td>Live</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Tamil Nadu Energy Development Agency</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Server maintained by ELCOT)</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Chief Minister’s Solar Capital Incentive Scheme</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Online application processing)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Chief Minister’s Solar Green House Scheme</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Work order progress portal-ERP)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. for Project monitoring and implementation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(tedaprojects.in)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Thiru. V. Prathap, System Analyst</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Tamil Nadu Energy Development Agency</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E.V.K. SampathMaaligai, 5th Floor,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No.68, College Road, Chennai – 600 006.</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/Email</td>
<td>Phone: 044-28224830/044-28222971</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E-mail: <a href="mailto:it@teda.in">it@teda.in</a></td>
</tr>
</tbody>
</table>

**8. Project Summary:**

1. To receive application through online and communicate the process up to execution to the respective beneficiaries, issue work order, follow up the project completion report and subsidy release to stake holders of CIS scheme. (teda.in
cis)
2. Solar Home light scheme (SHLS) implementation status, tracking and monitoring the stake holders progress through online (tedawop.in)
3. Web portal for Project monitoring and implementation (tedaprojects.in)

**9. Date of launch of the project:**

1. November 2012
2. June 2013
3. August 2016

**10. Geographical Coverage:**

All the districts of Tamil Nadu

**11. Beneficiary of the Project:**

Domestic, Commercial, Consumers and all categories of beneficiaries

**12. Problem Statement:**

**13. Project Objectives:**

The transparency in governance and quicker processing of application forms an Updation of the projects status through e-Governance.
The transparency in governance and quicker processing of application forms an Updation of the projects status through e-Governance.

14. Project scope Approach and Methodology:

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:

   Effective and efficient process in scheme implementations
### 7.11 Online Lift Licence Management System & Online Filing Of Returns Of Electricity Tax - Electrical Inspectorate Department

1. **Name of the Department**
   - Electrical Inspectorate, Energy Department

2. **Status of the Host / Owner**
   - Live

3. **Name of the Owner Organization**
   - ELCOT

4. **Name of the Project**
   - I. Online Lift Licence Management System.
   - II. Online filing of returns of Electricity Tax.

5. **Name of the Contact Person**
   - Shri. M. Sakthivel B.E., MBA,
   - Electrical Inspector / Technical

6. **Contact Address**
   - Thiru.Vi.Ka.Industrial Estate,
   - Guindy, Chennai-600 032
   - Phone: 044-22500796
   - Fax: 044-22500036
   - E-mail:eit@tn.gov.in

8. **Project Summary:**
   
   i. The application “Online Lift License Management” enables that applicant seeking for grant of new lift license and renewal of existing lift license to apply through online an status of their each application can be monitored. The development of software through ELCOT for the online lift licensing system is completed and the works related to integration of payment gateway is under progress. This will benefit the owners of the lifts at residential apartments, commercial complexes and office buildings.

   ii. “Online Filing of Returns of Electricity Tax” enables the applicant to file the data required for collection of the Electricity taxes Online. It will improve the collection of electricity tax. The status of each application is intimated to applicant through e-mail and SMS. The development of software through ELCOT for the on line filing of returns of electricity tax is also completed. Integration of payment gateway is under progress.

9. **Date of launch of the project:**
   
   04.01.2018

10. **Geographical Coverage:**
    
    State of Tamil Nadu

11. **Beneficiary of the Project:**
    
    i. Users of Lift (Domestic/Commercial/Industrial) &
    
    ii. Owner of the self-Generating Units (Domestic, Commercial and Industrial consumers)
12. Problem Statement:

13. Project Objectives:

The transparency in governance is maintained by intimating the every status of each application to applicant through e-mail an SMS.

14. Project scope Approach and Methodology:

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:

The works related to Online payment Gateway are to be developed by ELCOT is under progress.

Application Work flow -- Lift Licence Approval:
Application work flow: Tax Management

Application Screen Shots

Application for Working of Lift (FORM C, D, E)
### Working Sheet Tax Payable Based on the Return Filed

**Bill Payment (Own Consumption: Sale to Others)**

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>GSTIN</th>
<th>Serial No.</th>
<th>Date of Invoicing</th>
<th>Taxable Value</th>
<th>Tax</th>
<th>Amount of Tax</th>
<th>Net Amount of Tax</th>
<th>Date of Payment</th>
<th>Place of Payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Net Bill Amount Due:**

- **Total Amount Due:** 792.00
- **Other Amount:** 0.00
- **Net Bill Amount Due:** 792.00

- **Note:** Amount should be paid immediately to Govt. Treasury as per Self-Debit Challan should be submitted as per the provisions of Collection Act 1996.

### Additional Notes:

- In case of any dispute, it is advised to consult with relevant authorities.
- For further assistance, contact the nearest office as per the location.
7.12 Issuance Of Drawing Approval & Issuance Of Safety Certificate

1. Name of the Department
   Energy Department
   Electrical Inspectorate Department

2. Status of the Host / Owner
   Live

3. Name of the Owner Organization
   TNeGA

4. Name of the Project
   III. Issuance of Drawing Approval.
   IV. Issuance of Safety Certificate.

5. Name of the Contact Person
   Shri. M. Sakthivel B.E., MBA.,
   Electrical Inspector / Technical

6. Contact Address
   Thiru. Vi.Ka.Industrial Estate,
   Guindy, Chennai-600 032
   Phone: 044-22500796
   Fax: 044-22500036
   E-mail:eit@tn.gov.in

8. Project Summary:

The application “Issuance of Drawing Approval and Issuance of Safety Certificate” enables that applicant seeking for grant of drawing scrutiny Report and Safety Certificate to apply through online and status of their each application can be monitored. The development of software through TNeGA is completed and Pilot project has been launched in Virudhunagar Division on 14.8.2018. This will benefit the owners of the, Commercial and Industrial HT consumers.

9. Date of launch of the project:

14.08.2018

10. Geographical Coverage:

Pilot project has been launched in Virudhunar Division

11. Beneficiary of the Project:

Domestic, Commercial and Industrial consumers

12. Problem Statement:

13. Project Objectives:

   The transparency in governance is maintained by intimating the every status of each application to applicant through e-mail.

14. Project scope Approach and Methodology:

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:
1. Name of the Department: Energy Department
2. Status of the Host / Owner: Live
3. Name of the Owner Organization: TNeGA
5. Name of the Contact Person: Shri. M. Sakthivel B.E., MBA., Electrical Inspector / Technical
7. Telephone/Fax/Email: Phone: 044-22500796, Fax: 044-22500036, E-mail: eit@tn.gov.in
8. Project Summary: The application "Issuance of Drawing Approval and Issuance of Safety Certificate" enables the applicant seeking grant of drawing scrutiny report and safety certificate to apply through online, and the status of each application can be monitored. The development of software through TNeGA is completed, and the pilot project has been launched in Virudhunagar Division on 14.08.2018.
9. Date of launch of the project: 14.08.2018
10. Geographical Coverage: Pilot project has been launched in Virudhunagar Division
11. Beneficiary of the Project: Domestic, Commercial and Industrial consumers
12. Problem Statement:
13. Project Objectives: The transparency in governance is maintained by intimating every status of each application to the applicant through e-mail.
14. Project Scope: Approach and Methodology:
15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:
8.1 Forest Department

1. Name of Single Point of Contact and Designation: Mita Banerjee I.F.S., Additional Principal Chief Conservator of Forests (Information Technology)

2. Vision of the department
Nurturing a rich heritage and preserving the ecology

3. Goals and Objectives of the department
- Preserving natural forests and wildlife
- Conservation of ecosystems and their genetic diversity
- Environmental stabilization
- Enhancement of forest productivity
- Augmentation of water resources from the forests and Increasing tree cover for climate change mitigation

4. Commitments made by the department
- Governor Address
- Budget Speech
- Announcement
- Policy Note
- TN Electronic Service Delivery Rules, 2016

5. Online services provided by the department
Ease of Doing Business Online – Tree felling and Tree Transit

6. System Integrators are on-board for delivering these services
M/s. CMS Computers Limited
Date of awarding Contract: 22.09.2017
Target date for completion of project: 05.10.2017

7. Name and URL of the department website
www.forests.tn.gov.in

7. The approximate cost incurred by the department in delivering the e-service
Rs.5,50,000/- + GST 18%
### 8.2 Online MIS for TNPCB

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>TNPCB Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the host / Owner</td>
<td>Government of Tamil Nadu, Software support by NIC</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>TNPCB Department</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Online MIS for TNPCB <a href="http://www.pcbmis.tn.nic.in/">http://www.pcbmis.tn.nic.in/</a></td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Joint Chief Environmental Engineer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shri Venkata Ramana Nanthan. Sr. Technical Director</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai 600 032</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / eMail</td>
<td>044-22353134, <a href="mailto:tnpcb-chn@gov.in">tnpcb-chn@gov.in</a></td>
</tr>
</tbody>
</table>

#### 8. Project Summary

This Intranet based Monitoring System has been implemented to create database on all types of Industries (Profiles), the Consents Details and Hazardous Waste Authorisation Details of various types of Industries in Tamil Nadu.

#### 9. Date of launch of the Project

05/06/2007

#### 10. Geographical Coverage

All over Tamil Nadu.

#### 11. Beneficiary of the Project

Citizens

#### 12. Problem Statement

To monitor the Pollution Control Measures of Industrial Units in TN

#### 13. Project Objectives

To maintain the Pollution Control Measures related information of all the 45,000 Industrial Units of TN and to generate various types of MIS reports - both at District Office and State level.

#### 14. Project Scope, Approach and Methodology
This web application is used as an efficient Monitoring System by TNPCB Corporate Office, Chennai for more than a year. Different types of MIS Reports are being generated using this Intra MIS both at State and District levels.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

Implemented in 38 TNPCB District Offices and in the Corporate Office.
This web application is used as an efficient Monitoring System by TNPCB Corporate Office, Chennai for more than a year. Different types of MIS Reports are being generated using this Intra MIS both at State and District levels.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

Implemented in 38 TNPCB District Offices and in the Corporate Office.

<table>
<thead>
<tr>
<th>SL. No.</th>
<th>District</th>
<th>LARGE</th>
<th>MEDIUM</th>
<th>SMALL</th>
<th>Total</th>
</tr>
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<tr>
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<td></td>
<td>Red</td>
<td>Orange</td>
<td>Green</td>
<td>White</td>
</tr>
<tr>
<td>1</td>
<td>Aruppukottai</td>
<td>28</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>Chengalpattu</td>
<td>132</td>
<td>205</td>
<td>9</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>Coimbatore</td>
<td>177</td>
<td>192</td>
<td>90</td>
<td>17</td>
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<tr>
<td>4</td>
<td>Coromandel</td>
<td>108</td>
<td>111</td>
<td>52</td>
<td>32</td>
</tr>
<tr>
<td>5</td>
<td>Erode</td>
<td>8</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>Dindigul</td>
<td>42</td>
<td>98</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>7</td>
<td>Kancheepuram</td>
<td>91</td>
<td>90</td>
<td>25</td>
<td>17</td>
</tr>
<tr>
<td>8</td>
<td>Kanyakumari</td>
<td>81</td>
<td>92</td>
<td>40</td>
<td>38</td>
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<tr>
<td>9</td>
<td>Karur</td>
<td>10</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>Kumbakonam</td>
<td>106</td>
<td>97</td>
<td>32</td>
<td>23</td>
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<tr>
<td>11</td>
<td>Madurai</td>
<td>158</td>
<td>223</td>
<td>96</td>
<td>90</td>
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<td>Madurai</td>
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<td>223</td>
<td>96</td>
<td>90</td>
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<tr>
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<td>Nagapattinam</td>
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<td>42</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
<td>14</td>
<td>Nellore</td>
<td>22</td>
<td>40</td>
<td>18</td>
<td>16</td>
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<tr>
<td>15</td>
<td>Pudukkottai</td>
<td>32</td>
<td>31</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
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<td>Salem</td>
<td>32</td>
<td>31</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
<td>17</td>
<td>Sivagangai</td>
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<td>40</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
<td>18</td>
<td>Thiruvallur</td>
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<td>40</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
<td>19</td>
<td>Thiruvarur</td>
<td>22</td>
<td>40</td>
<td>18</td>
<td>16</td>
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<td>40</td>
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<td>Thanjavur</td>
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<td>40</td>
<td>18</td>
<td>16</td>
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<td>Trichy</td>
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<td>40</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
<td>23</td>
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<td>22</td>
<td>40</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
<td>24</td>
<td>Villupuram</td>
<td>22</td>
<td>40</td>
<td>18</td>
<td>16</td>
</tr>
</tbody>
</table>

**Total** | 1820 | 2383 | 752 | 1488 | 247 | 782 | 377 | 84 | 9039 | 26048 | 48559 | 3840 | 752477
9. FINANCE DEPARTMENT
### 9.1 Audit Information Management System (AIMS) (CO-OPERATIVE AUDIT)

1. **Name of the Department** | COOPERATIVE AUDIT
2. **Status of the Host / Owner** | STATE GOVERNMENT
3. **Name of the Owner Organization** | COOPERATIVE AUDIT DEPARTMENT
4. **Name of the Project** | AUDIT INFORMATION MANAGEMENT SYSTEM (AIMS)
5. **Name of the Contact Person** | V.Nagarajan, Deputy Director / Personnel Assistant to Director (Full Additional Charge)
6. **Contact Address** | Directorate of Cooperative Audit, Integrated Finance Department Office Complex, 2nd Floor, No.571, Anna Salai, Nandhanam, Chennai 600 035.
7. **Telephone / Fax / E-mail** | 044-24353193, addoca.chn@tn.gov.in

8. **Project Summary**

Aims designed for collection of audit related information.

9. **Date of Launch of the Project**

27.06.2018

10. **Geographical Coverage**

Entire Tamil Nadu State

11. **Beneficiary of the Project**

Department as a whole

12. **Problem Statement**

To review the audit progress throughout the state.

13. **Project Objectives**

To collect audit related information online.

14. **Project Scope, Approach and Methodology**

Online information collection throughout the State.

15. **Results achieved / Value delivered to the beneficiary of the project and other distinct features /accomplishments of the project.**

Under Process, success can be determined at the end of the financial year.

**Application Workflow:**

- [Application Workflow]
Audit Information Management System

INTRODUCTION

Cooperative Audit department functioning under the control of Finance department conducts audit in cooperative societies of Tamil Nadu under Sections 10 of the Tamil Nadu Cooperative Societies Act, 1993 and as per Rules 101, 102 and 103 of Tamil Nadu Cooperative Societies Rules, 1994. The Cooperative Societies are registered by the following registrars who are having the administrative control. The Cooperative Audit Department carries out the audit of Apex-District-Primary cooperative societies in the zone covering a total number of 15,975 auditable societies and validates the balance sheet, profit and loss account and issues Audit certificates for the year concerned.

AIMS

To eliminate difficulties faced in the existing process of Audit plan, approval, monitoring, Audit fee collection and Audit Para objection follow-up, the activities and functions could be further strengthened by creating an online portal.
9.2 Audit Information Management Software (LOCAL FUND AUDIT)

1. Name of the Department: Local Fund Audit Department
2. Status of the Host / Owner: Onward e-Services (Through ELCOT) on behalf of Director of Local Fund Audit
3. Name of the Owner Organization: Onward e-Services
4. Name of the Project: Audit Information Management Software
5. Name of the Contact Person: Thiru P. Mohan, Director of Local Fund Audit
6. Contact Address: Directorate of Local Fund Audit, Integrated office complex for Finance Department, IV Floor, 561, Anna Salai, Nandanam, Chennai 600 035.
7. Telephone / Fax / E-mail: 044-24321196/24322596/tnlfa@yahoo.co.in

8. Project Summary

Audit Information Management System (AIMS) helps to coordinate the overall audit functions of the department. It serves as a ready reckoner to map the auditor with the audit institutions. Also helps to monitor the process of flow of audit system.

9. Date of Launch of the Project
Under testing mode

10. Geographical Coverage
Throughout the State

11. Beneficiary of the Project
Department Personnel at present, extendable to public later.

12. Problem Statement
Cumbersome process to integrate the audit functions throughout the state.

13. Project Objectives
- To increase efficiency and reduce the man-hours / man-days.
- To maintain uniformity in audit.

14. Project Scope Approach and Methodology
Scope extendable to public by providing audit reports containing audit objections pertaining to development works of local bodies.

15. Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project.
   The system developed is under testing process.
9.3 Integrated Finance and Human Resource Management system (IFHRMS) (TREASURIES AND ACCOUNTS)

1. Name of the Department
   Finance Department, Government of Tamil Nadu

2. Status of the Host/Owner
   Government of Tamil Nadu

3. Name of the Owner Organization
   Finance Department

4. Name of the Project
   Integrated Finance and Human Resource Management System (IFHRMS)

5. Name of the Contact Person
   Thiru Tenkasi S Jawahar, IAS., Principal Secretary/Commissioner of Treasuries and Accounts

6. Contact Address
   No.571, Anna Salai, Amma Valaagam, Veterinary Hospital Campus, Nandhanam, Chennai 600 035.

7. Telephone/fax/E-mail
   044-24357413, Fax: 24364988/ e-mail ID- cta.tn@nic.in

8. Project Summary
   The IFHRMS software shall be used for the activities of the Finance Department right from preparation of budget to receipt of compiled Accounts of the State by bringing Department of Treasuries and Accounts, other departments online and ensuring real time updation of the Government financial transactions. The IFHRMS will also take care of the Human Resource Component (including pension) by reducing the workload and associated drudgery at various levels besides making it paperless and provide a hassle free environment for transactions with and within the Finance Department / Treasury Department / other Departments and thereby ensure robust management of the State finances.

9. Date of Launch of the Project
   Proposed to launch during December, 2018.

10. Geographical Coverage
    294 project locations in Tamil Nadu and one location in New Delhi

11. Beneficiary of the Project
    Citizens, Departments of the State Government, Government Employees and Pensioners.

12. Problem Statement
    The Department of Finance would like to bring in an e-Governance solution which creates more transparency and efficiency in the system and providing a user-friendly environment to all the stakeholders.

13. Project Objectives
    - Improvement of efficiencies at the State level by looking at the macro level orchestration of back office functions.
Suitable back office automation framework.

To harness IT to make the operations of the Department more service oriented towards its stakeholders

Have Single Source of Truth, that is, no value is stored at more than one place and the information is accessed through referencing only

Robust security infrastructure and advancement including audit trail options for the data.

Integration between various modules thus providing linkages of information

Build in transparency and accountability in the system to elevate the standards of services

Minimization of Turn-around-Time (TAT) of services

Introduction of multiple service delivery options, leveraging Information Technology

14. Project Scope, Approach and Methodology

The project scope of the IFHRMS system in Tamil Nadu is as follows:

- Design, development / customization, testing, deployment and maintenance application for the proposed system. Procurement, Installation, Commissioning Operationalizing, and maintaining IT infrastructure.

15. Results achieved/value delivered to the beneficiary of the project and other distinct features/accomplishments of the project

1) Pilot Rollout (Erode, Karur and PAO East) and Statewide rollout readiness is in progress.

2) DDO’s Masters, individual employee’s details have been collected across the State.

3) DC, DR, NLDR infrastructure has been deployed.

4) SR digitization as on 12.09.2018:

   I. 95.73% of the SR details have been written in the pre-printed template in non-pilot locations. In pilot locations (Erode, Karur and PAO East) 99.91 of the SRs details have been written in the preprinted template.

   II. 92.21% of the SRs captured in template have been verified by the DDOs in non-pilot locations. In pilot locations 98.53% of the SRs has been captured.
9.4 Online Contributory Pension Scheme (CPS)

1. Name of the Department: Treasuries and Accounts Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Treasuries and Accounts Department
4. Name of the Project: Online Contributory Pension Scheme (CPS) [http://www.tn.gov.in/karuvoolam/]
5. Name of the Contact Person: Mr. Sivakumar, Deputy Director, GDC, Chennai; Mrs Santhi Ramamurthi, Technical Director, NIC [santiram@nic.in]
6. Contact Address: Office of the Principal Secretary / Commissioner of Treasuries and Accounts, Amma Complex, 3rd Floor, Veterinary Hospital Campus, No.571, Anna Salai, Nandanam, Chennai 600 035.
7. Telephone / Fax / eMail: 979152904, cps.gdc@gmail.com

8. Project Summary

- A web based system for carrying out the complete workflow involved in the processing of contributions under Contributory Pension Scheme (CPS).
- Allotment of CPS Number of the newly recruited State Government Employees.
- Uploading of text files having Monthly Subscription details by each of the Treasury Offices.
- Processing the details uploaded for the complete Financial Year and generating the Annual Account Slips.
- Modules for clearing the Missing Credits by capturing the details pertain to subscriber wise Missing Credits generated after preparing the annual Account Slips. The details captured for clearing the Missing credits will be recorded as Adjustment records and will be included in the upcoming Account Slips.

9. Date of launch of the Project
Since 2005

10. Geographical Coverage
All over Tamil Nadu.

11. Beneficiary of the Project
Retirement Persons

12. Problem Statement
A web based system for carrying out the complete workflow involved in the processing of contributions under Contributory Pension Scheme (CPS).

13. Project Objectives
A web based system for carrying out the complete workflow involved in the processing of contributions under Contributory Pension Scheme (CPS).
14. **Project Scope Approach and Methodology**

- Allotment of CPS Number of the newly recruited State Government Employees.
- Uploading of text files having Monthly Subscription details by each of the Treasury Offices.
- Processing the details uploaded for the complete Financial Year and generating the Annual Account Slips. Modules for clearing the Missing Credits by capturing the details pertaining to subscriber-wise Missing Credits generated after preparing the annual Account Slips. The details captured for clearing the Missing credits will be recorded as Adjustment records and will be included in the upcoming Account Slips.

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project**

- Total No. of S1 Forms filed Online : 146,520
- No. of Applications Approved and Allotted : 143,600
- No of Application Returned back to DDO : 453
- No of Application yet to be processed : 2,467
9.5 Automated Treasury Bill Passing System (ATBPS)

1. Name of the Department: Treasuries and Accounts Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Treasuries and Accounts Department
4. Name of the Project: Automated Treasury Bill Passing System
5. Name of the Contact Person: Smt. R. Mohana, Additional Director(Schemes), Treasury Department  
   Shri D. Eswaran, Sr. Technical Director, NIC  
   eswar@nic.in
6. Contact Address: Amma Complex, 3rd Floor, Veterinary Hospital Campus,  
   571 Anna Salai, Nandanam, Chennai 600 035.
7. Telephone / Fax / eMail: 044-24357576  
   ads.tndta@nic.in

8. Project Summary

Automated Treasury Bill Passing System (ATBPS) has been developed and implemented for Treasuries and  
Accounts Department, Government of Tamil Nadu to handle all transactions relating to Payments and Receipts of  
Government of Tamil Nadu.

9. Date of launch of the Project

01/09/2013

10. Geographical Coverage

All over Tamil Nadu.

11. Beneficiary of the Project

22,000 DDOs, 280 Treasury offices, Treasuries and Accounts Department and Accountant General’s office.

12. Problem Statement

Uniform Payment System was required to make payments for Salary and Non Salary Payments. Also monthly  
Accounts Statement containing all Payments and Receipts of all Treasuries of Government of Tamil Nadu needs to be  
submitted to Accountant General’s office.

13. Project Objectives

Payment system in coherence with NPCI for sending Salary and Non Salary Payments needs to be developed.

14. Project Scope Approach and Methodology

ATBPS System has been developed and integrated with National Payments Corporation of India (NPCI) for  
Payment of Salaries and Non Salaries.
15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project**

All Salary Payments of 9 lakhs employees and all the Non Salary Payments are sent through this System. Provision for uploading of Bank’s e-Scroll Data (Government receipts) made available at Cyber Treasury. Facility Extended to Accountant General’s office for monthly Accounts data of all the District Treasuries and PAO’s online from ATBPS System. Facility given to all Government Employees and DDO’s to view all the ECS Payments.
9.6 e-Pension

1. Name of the Department: Finance (Treasury) Department

2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organization: Finance (Treasury) Department

4. Name of the Project: ePension

5. Name of the Contact Person: Additional Director(Schemes)-Treasury Department
Shri D Eswaran, Sr. Technical Director, NIC
eswar@nic.in

6. Contact Address: Office of the Principal Secretary, Commissioner of Treasuries and Accounts,
3rd Floor, Integrated Office Complex for Finance Department,
Veterinary Hospital Campus,
Anna Salai, Nandanam,
Chennai- 600035.

dta.tn@nic.in

8. Project Summary

Online Workflow model system facilitate to process all category of State Government Pension and other Special Pension through ECS Facility to integrate Digital Certificate of Pensioner generated through Jeevan Pramaan for Life Certificate.

Covers Monthly Pension and related transactions (more than 20 types) like Commutation, Revision, Arrear Pension etc. Facility to view the ECS Status of all transactions, Pension drawn details, Facility to view the Dashboard / MIS Reports by Department.

Data has been transferred to print ID card of Pensioner.

Total Computerization of all Pensioners details

9. Date of launch of the Project

May 2012

10. Geographical Coverage

Operational in all 32 Districts and 240 Sub-treasuries of Tamil Nadu

11. Beneficiary of the Project

All Tamil Nadu Govt. Pensioners / Special Pensioners and Finance (Treasury) Department.

12. Problem Statement

Prior to the implementation of this project, Pension records were maintained manually which leads to delay in process of monthly pension and other transaction. Annual Musterings also done manually and there is no track of monitoring non muster pensioners. Transfer of Pension had done manually which causes delay in payment. Due to lack of provision for Automatic conversion of Family Pension and Restoration of Pension, excess payment had been paid to Pensioners.

13. Project Objectives

To overcome the above problems, an online system to computerize the entire functionality of Pension system was envisaged. Uplifting internal efficiency of the department for giving friendlier and efficient service for pensioners.
This covers all pension related activities of the Department of Pensions. Providing a service for giving efficient service terminal benefits for pensioners. Monitoring the process of Annual Muster and integrated the process of Jeevan Pramaan which reduces the hurdle of pensioners. Provision to disburse DA Arrears / Bonus without delay / Provision for Additional Pension (Above 80 yrs). Dash board and various Type of MIS reports.

14. **Project Scope, Approach and Methodology**

Online System has been developed and implemented in October 2010 at Pension Pay Office Chennai and provision given to all Districts to export the Legacy data in different format in unique structure and in May 2012 with all new enhancements successfully rolled out to all 32 Districts with 210 Sub-treasuries of Tamil Nadu.

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project**

As of now 7+ Lakhs Pensioners are getting Pension and other payments (Commutation, Arrears). Every month ~1,350+ Crore pension, 220+ Crore other payments is being disbursed through ECS. As of now ~2 lakhs Tamil Nadu pensioners registered their life certificate through Jeevan Pramaan and this system is highly appreciated by Commissioner of Treasuries and Accounts. Approximately 17,000 + ID Card has been delivered to Pensioners.
9.7 Web Payroll

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<tr>
<th></th>
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<td>Status of the host / Owner</td>
<td>Government of Tamil Nadu, Software support by NIC</td>
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<td>3</td>
<td>Name of the Owner Organization</td>
<td>Treasuries and Accounts Department</td>
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<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Web Payroll System</td>
</tr>
</tbody>
</table>
| 5 | Name of the Contact Person                | Smt. R. Mohana, Additional Director(Schemes), Treasury Department  
Shri D. Eswaran, Sr. Technical Director, NIC  
eswar@nic.in |
| 6 | Contact Address                           | Amma Complex, 3rd Floor, Veterinary Hospital Campus,  
571 Anna Salai, Nandanam, Chennai 600 035. |
| 7 | Telephone / Fax / eMail                   | 044-24357576  
ads.tndta@nic.in |

8. **Project Summary**

Uniform Online Payroll system that can be used by all 22,000 DDOs across the Government of Tamil Nadu.

9. **Date of launch of the Project**

01/10/2014

10. **Geographical Coverage**

All over Tamil Nadu.

11. **Beneficiary of the Project**

9 lakhs Employees, 22,000 DDOs, Treasuries and Accounts Department and Accountant General’s office.

12. **Problem Statement**

Online Payroll system was not available in the Government of Tamil Nadu. It was difficult to implement any new Pay related Government Order across Tamil Nadu. Also consolidated Report generation was not possible for the Government. Finance Commission mandated the Government of Tamil Nadu to have a consolidated Employees Database in the Government of Tamil Nadu.

13. **Project Objectives**

To overcome the above problem, an online Web Payroll system for preparing Employees Database and Processing of their Salaries was developed.

14. **Project Scope, Approach and Methodology**

Online Web Payroll System has been developed and integrated with National Payments Corporation of India (NPCI) for Payment of Salaries. The system has been successfully implemented since 1/10/2014 onwards.

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project**
Centralised uniform Employees database consisting of 9 lakhs employees has been designed and developed. All the Departments 22,000 DDOs are using this system and preparing the salary every month and payment is sent through National Automated Clearing House (NACH) of NPCI.

Online ePayslip portal has been developed and implemented for the benefit of all employees using which they can generate Payslip, Annual Income Statement and status of ECS Payments.
9.8 Online Chief Minister’s Public Relief Fund (CMPRF)

1. Name of the Department: Finance (CMPRF) Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Finance (CMPRF) Department
4. Name of the Project: Online CMPRF
5. Name of the Contact Person: Smt. Parimala Chelvi, Deputy Secretary
   Shri D Eswaran, Sr. Technical Director, NIC
   eswar@nic.in
6. Contact Address: Chief Minister’s Public Relief Fund, Finance Department, Secretariat, Chennai 600 009.
7. Telephone / Fax / eMail: 044-25674537
   jscmprf@tn.gov.in
8. Project Summary
   Online CMPRF system enables the Citizens to contribute online using Net Banking / Credit Card / Debit Card.
9. Date of launch of the Project
   01/01/2016.
10. Geographical Coverage
    All over India.
11. Beneficiary of the Project
    Citizen and Finance (CMPRF) Department
12. Problem Statement
    Prior to the implementation of this project, citizens need to send cheque or DD physically to Finance Department, Tamil Nadu. Alternatively they can transfer funds to the CMPRF Account using NEFT. But the citizens cannot get receipt instantaneously and also it might possible for loss in transit.
13. Project Objectives
    To overcome the above problem, an online system for making contribution to CMRF was envisaged. The system need to generate e-receipt which can be used for getting exemption from Income Tax.
14. Project Scope, Approach and Methodology
    Online System has been developed and integrated with Indian Overseas Bank Payment Gateway which has interface for 50+ Net Banking, Credit Card and Debit Card.
    The system has been successfully implemented since 01/01/2016 onwards.
15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project
    Citizens can donate online to CMPRF account using this System.
    Finance Department is also viewing the contribution details online.
GST Receipts Accounting System has been developed and integrated with GSTN and RBI separately for getting the GST receipts data related to Government of Tamil Nadu.

- **Date of Launch of Project**: 1/7/2017
- **Geographical coverage**: Tamil Nadu
- **Beneficiary of the Project**: Treasuries and Accounts Department

**Problem Statement**

After implementation of GST in the Country, centralized receipt data is available with GSTN and RBI for all the States. GSTN and RBI have developed systems to provide receipts data to respective State Government Accounting Authorities. Hence it is necessary to develop a system to get the data from GSTN and RBI.

**Project Objectives**

To get the data from GSTN and RBI, GST Receipts Accounting System has been developed and implemented.

**Project Scope Approach and Methodology**

Online System has been developed and integrated with GSTN and RBI separately. The data received from GSTN and RBI is compared to generate eScroll which is then integrated with Government of Tamil Nadu's Receipts Statement. The system has been successfully implemented since 1/7/2017 onwards.

**Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project**

Till date 4,143,469 transaction details amounting to Rs. 26,070 Crore have been reported to Government of Tamil Nadu using GST Receipts Accounting System.
### 9.9 GST Receipts Accounting System

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<td>4</td>
<td>Name of the Project</td>
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<td>5</td>
<td>Name of the Contact Person</td>
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<td>Contact Address</td>
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<td>7</td>
<td>Telephone/Fax/eMail</td>
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#### 8. Project Summary

GST Receipts Accounting System has been developed and integrated with GSTN and RBI separately for getting the GST receipts data related to Government of Tamil Nadu.

#### 9. Date of Launch of Project

1/7/2017

#### 10. Geographical coverage

- Tamil Nadu

#### 11. Beneficiary of the Project

- Treasuries and Accounts Department

#### 12. Problem Statement

- After implementation of GST in the Country, centralized receipt data is available with GSTN and RBI for all the States. GSTN and RBI have developed systems to provide receipts data to respective State Government Accounting Authorities. Hence it is necessary to develop a system to get the data from GSTN and RBI.

#### 13. Project Objectives

- To get the data from GSTN and RBI, GST Receipts Accounting System has been developed and implemented.

#### 14. Project Scope Approach and Methodology

- Online System has been developed and integrated with GSTN and RBI separately. The data received from GSTN and RBI is compared to generate eScroll which is then integrated with Government of Tamil Nadu's Receipts Statement.
- The system has been successfully implemented since 1/7/2017 onwards.

#### 15. Result Achieved/value delivered to the beneficiary of the project and other distinct features/accomplishments of the project

- Till date 4,143,469 transaction details amounting to Rs. 26,070 Crore have been reported to Government of Tamil Nadu using GST Receipts Accounting System.
1 Name of the Department All Departments in Government of Tamil Nadu
2 Status of the Host / Owner Government of Tamil Nadu / Software support by NIC
3 Name of the Owner Organization Finance Department - Nodal agency for the Project
4 Name of the Project eProcurement – Government eProcurement System of NIC (GePNIC)
5 Name of the Contact Person NIC – Secretary Expenditure , Finance Department
V.Raman, Sr. Technical Director, NIC
6 Contact Address
1. Secretary Expenditure, Finance Department, Government of Tamil Nadu
Namakkal Kavignar Maligai, Chennai
2. Shri V. Raman Senior Technical Director, NIC, E2 A Rajaji Bhavan, Besant Nagar
Chennai-600 090
7 Telephone/Fax/eMail
1. 044-2577547, secrexp@tngov.in
2. 044-24902580, v.raman@nic.in
8. Project Summary
- Government eProcurement System of NIC extends facility for submission of Tender Documents and Bid Documents online. The process starts from Creation of tender and gets completed on Award of Contract. All these activities are carried out online.
9. Date of Launch of Project eProcurement 2007
10. Geographical coverage All over Tamil Nadu.
11. Beneficiary of the Project
- Citizen of the Country. Complete transparency in the system
12. Problem Statement
- eProcurement is one of the system which requires high level of security and also equal amount of Transparency. The system should give equal access to all stakeholders. There should not be any discrimination among bidders. The system should also be transparent. The submission of bid documents online, the status of the process of system should also be disclosed to stakeholders and other Citizen. This system meets the requirement of both security, Transparency and also ensures authenticity.
13. Project Objectives
- The objective of the system is to provide a transparent and efficient system to meet the Procurement needs of the Government of Tamil Nadu. The system adheres to the Tamil Nadu Tenders Transparency Act.
9.10 Government e-Procurement Project

1. Name of the Department: All Departments in Government of Tamil Nadu
2. Status of the Host / Owner: Government of Tamil Nadu / Software support by NIC
3. Name of the Owner Organization: Finance Department - Nodal agency for the Project
4. Name of the Project: eProcurement – Government eProcurement System of NIC (GePNIC) https://tntenders.gov.in
5. Name of the Contact Person: NIC – Secretary Expenditure, Finance Department
   V.Raman, Sr. Technical Director, NIC
6. Contact Address:
   1. Secretary Expenditure, Finance Department, Government of Tamil Nadu
      Namakkal Kavignar Maligai, Chennai
   2. Shri V. Raman
      Senior Technical Director, NIC, E2 A Rajaji Bhavan, Besant Nagar
      Chennai-600 090
7. Telephone/Fax/eMail:
   1. 044-25677547, secrexp@tngov.in
   2. 044-24902580, v.raman@nic.in
8. Project Summary:
   Government eProcurement System of NIC extends facility for submission of Tender Documents and Bid Documents online. The process starts from Creation of tender and gets completed on Award of Contract. All these activities are carried out online.
9. Date of Launch of Project:
eProcurement 2007
10. Geographical coverage:
    All over Tamil Nadu.
11. Beneficiary of the Project:
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13. Project Objectives:
    The objective of the system is to provide a transparent and efficient system to meet the Procurement needs of the Government of Tamil Nadu. The system adheres to the Tamil Nadu Tenders Transparency Act.
14. Project Scope, Approach and Methodology

The system is developed and deployed on a Software as a Service Model. Any Government entity can get on boarded through the on-boarding process and once on boarded, the entity can create tenders, publish tenders, Create Corrigendums, update Pre-Bid Meeting Details update, Payment Online, Bid Submission online, Collection of Earnest Money Deposit. Secured Bid submission online, Opening and Evaluation of Technical and Financial Bid Opening, Updation of Technical and Financial evaluation Summary, Award of Contract etc., At each stage of the activity, the details of events are mailed as well as sent as SMS to the respective stakeholders. As Security is one of the prime considerations of this system, Two factor login is a part of this system with User name / password as one factor and Digital Signature as another factor. All the documents are digitally signed and ensures the authenticity of the document. All Bid documents are encrypted using the encryption certificates and decrypted only after the Bid Opening date and time.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project

- Total number of organizations implemented: 46
- Total number of Tenders: 121,127
- Total number of Tender Values (In Lakhs): 8,226,734
- Total number of AOC Allotted: 8,762
- Total number of AOC Values (In Lakhs): 1,352,494

Recently Online Payment Gateway Systems in TN Tenders has been implemented.
10. Handlooms, Handicrafts, Textiles and Khadi
### 10.1 Transformation of TNHDC using Information Technology

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Handlooms, Handicrafts, Textiles and Khadi Department</th>
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<tbody>
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<td>2</td>
<td>Status of the Host / Owner</td>
<td>Tamil Nadu Handicrafts Development Corporation Limited /</td>
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<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Dr. SanthoshBabu IAS Chairman &amp; Managing Director</td>
</tr>
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<td>Transformation of TNHDC using Information Technology</td>
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<td>5</td>
<td>Name of the Contact Person</td>
<td>Dr. SanthoshBabu IAS Chairman &amp; Managing Director</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>759, Anna Salai, Chennai – 600 002</td>
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<td></td>
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<td>E-mail : <a href="mailto:santynits@yahoo.com">santynits@yahoo.com</a> <a href="mailto:thdcltd@tnpoopuhar.org">thdcltd@tnpoopuhar.org</a> <a href="mailto:tamilnaduhandicrafts@yahoo.co.in">tamilnaduhandicrafts@yahoo.co.in</a> <a href="http://www.tnhdc">www.tnhdc</a> ltd.com <a href="http://www.poomp">www.poomp</a> uhar.org <a href="http://www.tnartisaan.com">www.tnartisaan.com</a></td>
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</table>

### Project Summary

The Tamil Nadu Handicrafts Development Corporation, better known by its brand name Poompuhar, was incorporated in 1973 with the objective of providing marketing and value-added services for its artisans of Tamil Nadu, including but not limited to, upgrading their skills through appropriate training, improving their productivity and quality of their products, minimizing the drudgery involved in the production process, minimizing / eliminating occupational hazards, encouraging innovation in design, providing socio-economic security for craftsmen and to documenting and recording for posterity the work of the artisans. The objectives of the project are to enhance the market responsiveness and cost-effectiveness of the Corporation, with the optimal and appropriate use of ICT and to reengineer and automate key processes, including, Marketing, Operations (administration), and Design & production.

### Date of launch of the Project

2016-17

### Geographical Coverage

The project is targeted at multiple stakeholders with differential magnitude:

- **Artisans**: live-registry and active engagement of over 200,000 artisans of Tamil Nadu (of which 60,000+ has already a dedicated web-page detailing their key skills, sample works and contact coordinates);
- **Staff of Poompuhar**: over 128 nos. of Officers and Staff spread across 7 production units and 12 sales-cum-showrooms across the country in the State are being managed through an ERP, biometric attendance and remote – CCTV supported surveillance, monitoring and supervision systems.
- **Customers Buyers**: enhanced reach (Global) of over lakhs of customers through e-Governance portals and improved footfall to an extent of thousands of customers into the sales-cum-showrooms, leading to improved turnover of INR 10 Crores within one-year.
• General Public/Prospective Customers: enhanced Visibility and promotions achieved through ‘interior
designing displays’ at the International Terminals ‘I3 & T4 at Chennai Airport, Public Sector Undertakings
and Corporates, online display (and sales) of products, and brand-promotions through FM Radio.

11 Beneficiary of the Project

1. Artisans
2. Customers
3. Organisation

12 Project Statement

Some of the key challenges in the existing legacy environment were:
1. Manual and voluminous paper and file work resulting in delay in key decisions and actions thereto.
2. Decentralized HR and Payroll management
3. Primitive approaches constrained product design from achieving precision and proactively responding to
the customers’ demands.
4. Lack of effective surveillance leading to pilferages of expensive handicraft products at the showrooms.
5. Showroom and exhibition based marketing channels had constrained the growth prospects of the
Corporation.
6. Lack of exclusive and multi-modal promotion constraining reach to digital customers, as well as brand recall
by potential customers
7. Absence of exclusive approaches adopted to enhance “Customers Experience”.
8. Lack of innovation and customization in sales transactions leading to lack of appropriate responsiveness
across G2G/G2B/B2B sales
9. Absence of digitized, and manual decentralized billing resulting in lack of scope for optimizing sales and
inventory management.

13 Project Objective

To enhance the market-responsiveness and costs-effectiveness of the Corporation, with the optimal and
appropriate use of information and communication technology (ICT)

The reengineer and automate key processes, including

• Marketing
• Administration
• Design & Production

The project was targeted at multiple stakeholders with specific developmental objectives:

• Artisans – e-Commerce, Creation of an e- Repository of Artisans and their skills to ensure their proper
registry and targeted employment benefits (direct engagement, preferential treatment to women artisans
and underprivileged, etc), new designs and production techniques
• Customers/Buyers – to ensure enhanced customer-response and customer experience, through flexible,
reliable and effort-free purchase
• Government – to ensure commercial sustainability and promotion of traditional industry, with secured
livelihoods to artisans, and enhance accountability and transparency through digital governance.
Therefore, the Corporation identified the 3 key pillars viz, Marketing, administration, and Design & Production to be revamped and redesigned to enable the envisioned transition in a smoother manner. The principal mode for the envisaged reengineering of the process was the optimum adoption of Information and Communication Technology (ICT). The Corporation has successfully championed the targeted activities and has already started reaping the benefits. In 2016-17 the Corporation touched an annual turnover of Rs. 40.35 crores, thanks to this transformation. The details of this “transformation” are elaborated below.

14. **Project scope approach and Methodology**

The Corporation implemented a multi-layered e-Governance solution, streamlining and strengthening the three key function and the processes therein:

**I. Technology interventions in Marketing**

1. **e-Commerce**: The Corporation created its own e-Commerce site www.poompuhar.org, a Smartphone App and supported by free-home delivery through dedicated bikes/Vans.

2. **e-Commerce**: The Corporation signed MoUs with e-Commerce giants like Snapdeal, Flipkart, Crafts villa, Shop Clues and India Mart for online selling of Poompuhar products. Exclusive web pages have been created in all these sites.

3. **e-Promotion**: With funds under the disposal of the Corporation for undertaking an advertisement campaign, it decided that a massive Social Media & Online Digital Marketing Campaign using about 10 social media platforms including Facebook, LinkedIn, Twitter, Quora, Pinterest, Google+ etc can have the same impact if not more, at a fraction of the cost of traditional advertising in newspapers and magazines. The Corporation engaged an exclusive agency for this promotion of Poompuhar arts and crafts through social media.

4. **e-Inventory**: Hitherto, none of the products including Poompuhar made products and other products made by artisan sold through our showrooms were just price tagged, not giving us a bird’s eye view of what was selling and what was not. Bar coding of all handicrafts products at all 15 showrooms now allows us to manufacture or procure what the market wants.

5. **e-Billing**: Gone are the days of maintaining multiple registers for billing and inventory management. A centralized computerized billing with the use of POS machines at all 15 showrooms has made customers happier.

6. **e-Promotion**: We are using jingles on the FM Radio at prime-time to enhance prospective customer base and brand recall during festival seasons.

7. **e-Mails**: CMD and managers of showrooms keeps writing personal emails to potential High Net worth Individuals in an effort to woo them.

8. **iPads**: All 21 Managers have been provided with iPads as a marketing tool. Whenever our managers meet with any potential customer, they can show high quality photographs of our products and also interact with customers on Facetime. They also make corporate presentations using the iPad.

**II. Technology interventions in Administration**

1. **e-Repository of Artisans and their skills**: The Government of Tamil Nadu sanctioned Rs.1.00 crores from the State Innovation Fund for creating an “e-Repository of Artisans and their Skills”. This is a comprehensive and dynamically updated web based repository of all artisans in the State of Tamil Nadu, with dedicated a webpage in a standardized format for each artisan who has been registered in the site, with special features to promote marginalized groups of artisans. This is probably the biggest marketplace for artisans in the world.

   We expect about 2 Lakhs web pages to be created for 2 Lakhs artisans shortly. Currently we have data for about 10,000 artisans and the survey is on. The data is being entered as and when bulk data is received from
the field. The advantage about this website is that now the world can deal directly with our artisans and vice versa, without having to go through middleman. We can search works of artisan’s craft wise, artisan wise, community wise, gender wise etc. Even if we are planning an intervention for say tribal artisans, we can locate those artisans by the click of a mouse.

2. **e-Office Administration and Management Solution:** We have implemented an ERP (Enterprise Resource Planning) Software connecting all 7 production centers and 15 showrooms across the country with the Corporate Office at Chennai, thus bringing together all 128 employees of the Corporation from CMD to Peon. Even a peon who wants to apply for a leave letter has to log into the ERP using his user id and password and apply. Only then will the leave application be entertained. It is a 100% paper-less file management and decision support system. Production and procurement decisions that used to take anywhere between 25 to 30 days are now taken in a matter of hours if not minutes. All 128 employees have been permitted to work from home or browsing centers etc. when they are on duty outside, making this an “Anytime, anywhere Organization”. The HR & payrolls management modules have streamlined the human resources management capability of the Corporation considerably. All files of all 15 showrooms and 7 production centers can be viewed at Corporate Office.

3. **IPads:** Monthly or quarterly reviews used to cost a lot, in addition to the fact that all managers have to be absent from their showrooms and production centers. But now physical review has now been completely dispensed with. Reviews are now held either via Facetime using iPads or through an audio review using an application developed by a Telecom Service Provider. The reviews these days cost about Rs.2000/review.

4. **e-Accounting:** Centralized billing and use of integrated tally-based double-entry accounting has now helped the Corporation in being on time insofar as accounts is concerned. All 15 showrooms, 7 production centre and Corporate Office uses Tally software for accounts purposes.

5. **WiFi:** has been provided at all locations for the purpose of using the ERP and for customers.

6. **Centralized CCTV remote surveillance and monitoring:** More than 100 IP cameras have been fixed at all 15 showrooms and 7 production centers across the country at the Corporate Office. This has made real-time monitoring of all locations possible. The result has been that we have been pilferage free for the last one year.

7. **Web portal:** The organization hitherto didn’t have a website of its own. A multi-purpose dedicated web-portal: [www.tnhdcldt.com](http://www.tnhdcldt.com) has been developed which keeps all stakeholders informed about the developments in our Corporation and in the sector.

### III. Technology interventions in Design & Production:

1. **e-Production:** Government of Tamil Nadu has sanctioned Rs.1.68 crores for the creation of a Design Research and Development Centre (DRDC) for introducing contemporary designs using 3D designing and 3D printing of designed plastic molds, which can be used for production of bronze icons. This also enables anywhere anytime custom production of handicrafts through 3D designing and printing of handicrafts molds. The 3D designing software and 3D printer have been procured and currently training, designing and printing are on. The DRDC is currently under construction.

2. **e-Work Order Management:** The e-Repository of Artisans and their skills will enable remote assignment of work order to various artisans (direct engagement of artisans), and geo-tagged bar-code based tracking of finished/semi-finished products and inventory.

3. **e-Designing:** Poompuhar has forayed into contract works for interior and exterior embellishment of institutions in the Government and private sectors. Poompuhar bagged and completed the order for...
embellishing the International Terminals T3 and T4 at a cost R.7.00 crores at the international terminals T3 and T4 of Chennai Airport. We are currently anticipating the works orders for the domestic terminal of Chennai Airport and for airports at Tirupathi, Trichy, Madurai, Pondicherry and Coimbatore totalling R.7.00 Crore. The Corporation has also completed works to the tune of Rs.1.10 Crore at the kamarajar Port Trust, Ennore, near Chennai and is currently doing works at the State Secretariat and Chennai Corporation Ripon building. What we do is take photographs of empty spaces as identified by the client and e-design compositions using a variety of handcraft products on the selected space. We then negotiate the price and freeze the design.

All the above innovation using IT has been complimented by other non IT innovations like creating a common name board for Poompuhar showrooms, production units and Corporate office, redesigning the existing logo with a new design and registering the same with the Trade Marks Registry, signing MoUs with India Post for logistics, signed MoU with star hotels, refurbishing an unutilized mobile van as a marketing vehicle, introducing uniforms for marketing staff, designed and introducing Feed Back forms for customers at all showrooms, designed and introducing new carry bags for customers, designing a mobile kiosk for marketing campaign in the premises of the Corporate sector and other institutions, introducing the concept of a mobile delivery of gift items to customers in Chennai, setting up of Craft Cafes at Chennai and Mahabalipuram, setting up of Urban Haats at Kanyakumari and Mahabalipuram, development of artisan clusters at a cost of R.20.00 crores etc.

15. Results achieved/value delivered to beneficiary of the project and other distinctive features/accomplishments of the project
   - PAN India + Global sales and delivery through e-Commerce since December 2014
   - End-to-end electronic paperless e-Office since January 2016
   - Real-Time centralized computerized Billing and centralized-accounting system across all sales-cum-showrooms
   - Double entry books of accounts using Tally
   - e-Commerce
   - Mobile app
   - 12 sales-cum-showroom
   - Exhibitions
   - Virtual experience of entire product range – online, as well as electronic albums viewed through iPads.
   - Online and offline feedback enabled.
   - In-addition to the traditional options, social media, Public displays, jingles on FM radio, dedicated portals, etc.
   - Web based Wiki-like page for each artisan.
   - Digital DB with adequate backup and redundancy support.
   - Corporation applies for GI for various craft.
   - Training – given for 100+ women in Tanjaore painting, paper mashe and doll making.
   - 6 more awards were newly introduced on 2013-2014.
   - Many new special projects: Embellishment in Airport, Ennore Port Trust Completed
   - Computerized designs for 5 airports,7 Railway stations, Chennai Corporation building, Kalaivanar Arangam etc are ready.
   - Granular approach at cluster level and harnessing the dove tailed needs of the craftsmen.
   - GOI Central funding assistance(integrated development for promotion of handicrafts in Tamil Nadu) of Rs.20.82 crores is being leveraged.
10.2 e-Sevai Services for Weavers

1. Name of the Department
   Department of Handlooms and Textiles

2. Status of the Host / Owner
   Government of Tamil Nadu

3. Name of the Owner Organization
   Tamil Nadu e-Governance Agency (TNeGA)

4. Name of the Project
   e-Sevai Services for Weavers

5. Name of the Contact Person
   Kannan Ja.R.

6. Contact Address
   Tamil Nadu e-Governance Agency
   No.5/9, TNHB Building, Kavingar Bharathidasan Road,
   Crescent Street, Alwarpet, Chennai600018

7. Telephone/Fax/eMail
   mngrtnegatn.gov.in

8. Project Summary
   TNeGA is implementing the State-wide rollout of e-District services in our state. The main objective of the e-district project is to automate the work flow system and internal processes of the administration of the department with the help of Information and Communication Technologies (ICT). The following Six Services of this department has been proposed for roll-out through e-Sevai Centres.

   - Tamil Nadu Cooperative Handloom Weavers Savings and Security Scheme.
   - Tamil Nadu Cooperative Handloom Weavers Old Age Pension Scheme.
   - Tamil Nadu Cooperative Handloom Weavers Family Pension Scheme.
   - Shiksha Sahayog Yojana Scheme under Mahamata Gandhi Bunkar Bima Yojana.
   - Mahamata Gandhi Bunkar Bima Yojana (now this scheme has been implemented as PMBJBY and PMBSBY).
   - Awarding Scholarships under Dr. MGR Handloom Weavers Welfare Trust.

9. Date of Launch of Project
   UAT Signoff is under Process. After UAT sign off the Pilot run for the 6 services will be carried out at Erode Circle.

10. Geographical coverage
    All Districts of Tamil Nadu

11. Beneficiary of the Project
    Weavers as Members in all Weavers’ Cooperative Societies and Ancillary Weavers.

12. Problem Statement

   i. Members of Weavers Cooperative Societies needs to proceed to their respective Cooperatives Societies, so as to submit the applications.

   ii. The Status of the application cannot be traced out and it can be done only by approaching the respective Cooperative Societies or Circle Deputy Directors/Assistant Directors Offices either over phone or in person.

   iii. The time delay in obtaining the additional documents/details for processing the application.

   iv. Lack of transparency in processing the application.

13. Project Objectives
i. Implementation of an efficient electronic work flow system.
ii. Infusion of transparency and accountability in operations.
iii. Reduction of workload department personnel.
iv. Electronic security and control of confidential data.
v. Fast processing of public cases/appeals/grievances dissemination of information as per public department.
vi. To create an efficient delivery mechanism from the Government that brings citizens to the Department.
vii. To disseminate the information required by the citizens.
viii. To provide restricted access to information with Role-based Access Control (RBAC).
ix. To provide MIS reports and Dash Board at every level.
x. To proactively provide an efficient system of disseminating information on the Government schemes planned developmental activities and status of current activities.
xi. To deliver services in 'Simple, Accountable, Responsive and Transparent and most cost effective manner.

14. Project Scope, Approach and Methodology

The e-Sevai Programme focuses on enabling the delivery of majority of Citizen Centric Service of the State Governments which are provided by the Handloom and Textiles Department. The proposed six services of the Handloom and Textiles Department are planned to be implemented in two phases.

i. In Phase I Pilots would be undertaken covering 2-3 Districts of the State.
ii. In Phase II the Project would rolled out across the State subsequent successful implementation of the project.

15. Result Achieved/value delivered to the beneficiary of the project and other district feature/accomplishment of the project

i. Upon successful roll-out of Six services of this department through e-Sevai Centres, the Weavers across the State will be benefited largely.
ii. Time delay in processing the application relating to these six services will be hugely reduced.
iii. Continuous Monitoring of Weavers' Welfare Schemes.
iv. Ensuring the transparency in processing of the applications.
11. HEALTH AND FAMILY WELFARE DEPARTMENT
11.1 Health Management Information System

<table>
<thead>
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<th>Directorate of Medical and Rural Health Services</th>
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<td>4</td>
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<td>5</td>
<td>Name of the Contact Person</td>
<td>E-Governance Nodal person:</td>
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<td></td>
<td></td>
<td>Tmt.P.Kalpagam,</td>
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<td></td>
<td></td>
<td>HMIS Nodal Officer: Dr.A.B.Krishnaraj</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Statistical Officer: Thiru. N. Suresh</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>O/o Directorate of Medical and Rural Health</td>
</tr>
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<td></td>
<td></td>
<td>Services, Chennai-6.</td>
</tr>
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<td>7</td>
<td>Telephone/Fax/E-Mail</td>
<td>044-24321826/</td>
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<td></td>
<td></td>
<td>Fax 044-24343271</td>
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**8. Project Summary:**

9. The Project was initiated by TNHSP in 2008, and now the project is owned by NHM.

10. **Date of Launch of the Project:** 2008

11. **Geographical Coverage:** Tamil Nadu

12. **Beneficiary of the Project:** All Secondary care Hospitals

13. **Project Objectives:** To Monitor the functioning of the Hospitals Online.

14. **Project Scope Approach and Methodology:**

   The performance of the secondary care hospitals is captured through different input forms online and reports are generated.

   Results achieved/Value delivered to the beneficiary of the Project and other distinct feature / accomplishment of the project:

   The performance of the hospitals is being reviewed and feedback sent to the hospitals and the data is being analysed and reviewed in the review meetings conducted at the Directorate level and during the field visit of the officers.
11.2 Oral Cancer

8. Project Summary:
Screening for oral cancer may be done during a routine check-up by a dentist or ENT doctors. The exam will include looking for lesions, including areas of leukoplakia (an abnormal white patch of cells) and erythroplakia (an abnormal red patch of cells). Leukoplakia and erythroplakia.

Lesions on the mucous membrane may become cancerous.

As the entry is online, monitoring can be a continuous process at all levels using the case sheet with inbuilt analysis. SNO will be monitoring the performance of the districts and will assess the case load every month and guide the DNO.

Date of Launch of the Project: 2016-August
Geographical Coverage: All over Tamil Nadu
Beneficiary of the Project: G2G

9. Problem statement:
- Redundant VPNoBB / MPLS Connectivity disruption and slowness
- Server related issues

10. Project objectives:
Identify Oral cancer / pre cancer cases early since there is greater chance for a cure.

11. Project Scope, Approach and Methodology:
Dental assistants use a hand held device capable of screening and examining the lesions inside the mouth for possible carcinoma, through a door to door survey.

12. Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:
So far 41,02,946 have been screened and 11,382 have been suspected of oral Cancer/Pre-cancer from August 2016-July 2018.
### 11.3 Non-Communicable Diseases (NCD)

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</tr>
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<td>Non Communication Disease (NCD)</td>
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<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Dr. Jerald M Selvam, DD</td>
</tr>
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<td>6</td>
<td>Contact Address</td>
<td>National Health Mission</td>
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<td>Telephone / Fax / E-Mail</td>
<td>044-24321310</td>
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8. **Project Summary:**
NCD app deals with non-communicable diseases like Hypertension, Diabetes mellitus, Cervical cancer and Breast Cancer. Staff Nurses are the main users for NCD and each S/N must install NCD app in their android device that will be provided to them.

9. **Date of Launch of the Project:**
2016-April

10. **Geographical Coverage:**
All over Tamil Nadu

11. **Beneficiary of the Project:**
G2G

12. **Problem statement:**
- Redundant VPNoBB / MPLS Connectivity disruption and slowness.
- Server related issues.

13. **Project objectives:**
To improve the quality in health care is the state, a user friendly mobile app has been developed on a pilot made for capturing NCD related to screening, treatment and follow-up of hypotension, diabetes mellitus, urinary and breast cancer.

14. **Project Scope, Approach and Methodology:**
Initially the app has been piloted in three District – Ariyalur, Coimbatore and Dindigal by providing a hand held device in the form of tablet with the end-users, the NCD SN for capturing the NCD data related to screening, treatment and follow-up of the above said 4 diseases.

Now it is in the initial state of upscaling to all District in TN.

15. **Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:**
250 individuals are screened every day
11.4 TAEI (Tamil Nadu Accident and Emergency Care Initiative)

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<th>National Health Mission</th>
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<td>Name of the Owner Organization</td>
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<td>Name of the Project</td>
<td>TAEI (Tamil Nadu Accident and Emergency Care Initiative)</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Dr. Amith</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>National Health Mission</td>
</tr>
<tr>
<td></td>
<td>359, Anna Salai, 5th Floor, DMS Annex Building, DMS Complex, Teynampet, Chennai 600 006</td>
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<td>Telephone / Fax / E-Mail</td>
<td>044-24321310</td>
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8. **Project Summary:**

Nowadays Accident and Assault are occurring dynamically, in order to maintain all the information only TAEI app is needed.

Using TAEI app we will capture all the accident cases and emergency patient details

9. **Date of Launch of the Project:** 2018-April

10. **Geographical Coverage:** All over Tamil Nadu

11. **Beneficiary of the Project:** G2G

12. **Problem statement:**

Server related issues

13. **Project objectives:**

- In view of the SDG Goals, to halve the number of deaths and injuries from road traffic accidents by the year 2020 globally, the State of Tamil Nadu has set its target to achieve the same by year 2023
- TAEI aims to establish Comprehensive Emergency Services by strengthening pre-hospital, in-hospital and rehabilitation components of care.
- Saving lives is the mission of this initiative.
- There are clear cut deliverables fixed as the Tangible Outcomes for the Programme:
  - Improved Quality of Care
  - Reduction in Mortality
  - Reduction in Morbidity

14. **Project Scope Approach and Methodology:**

- The Mission Director NHM, was designated the ex officio Commissioner of Trauma Care
- The District Collector nominated as the District Chairman for TAEI activities
- All districts designated the Joint Director of Health services as the District Trauma Nodal Officer and every hospital designated a Hospital Trauma Care Nodal officer (HTNO)
- TAEI emphasises on a Nurse driven Model, designating 2 Trauma Nurse Co-ordinators in each hospital and a District Trauma Nurse co-ordinator, one in every district.

15. **Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:**
• Nearly 88.6% of patients underwent triage in TAEI hospitals as against 45.7% in control hospitals. The intervention hospitals also had better quality triage systems.

• Triage- MAJOR CONTRIBUTION BY TAEI

• Nearly 86% of all cases in TAEI-intervened hospitals had 'improved outcome' as against 74% in control hospitals

• TAEI had facilitated better case management as nearly 3.3% of unconscious patients and 11% of semi-conscious patients admitted in ER improved by the end of ER stay in TAEI hospitals as against 1.7% and 6.4% in control hospitals

• Nearly 85% of patients with polytrauma improved post treatment in casualty in TAEI-intervened hospitals as against 58-68% in control hospitals.

• In RGGGH after establishing full-fledged Emergency Services the following has been achieved: Reduction in 3 % mortality.

• Highlights/Features of the initiative :
  • Triage
  • Training
  • Treatment
11.5 CEmONC (Comprehensive Emergency Obstetric and New born Care)

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<td>5</td>
<td>Name of the Contact Person</td>
<td>Dr. Janani</td>
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<td>6</td>
<td>Contact Address</td>
<td>National Health Mission 359, Anna Salai, 5th Floor, DMS Annex Building, DMS Complex, Teynampet, Chennai 600 006</td>
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<td>7</td>
<td>Telephone / Fax / E-Mail</td>
<td>044-24321310</td>
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</table>

8. **Project Summary:**
CEmONC specially made for pregnant patients’ surgery and blood transmission. High risk causes are referred to other hospitals via this app.

9. **Date of Launch of the Project:**
2018-April

10. **Geographical Coverage:**
All over Tamil Nadu

11. **Beneficiary of the Project:**
G2G

12. **Problem statement:**
Server Related Issues

13. **Project objectives:**
This app is developed to capture data on hospital capability and interventions provided to pregnant women and newborns experiencing fatal complications.

14. **Project Scope, Approach and Methodology:**
- **Approach:**
  Daily and Monthly Data Entry then Quick view entry through App.

15. **Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:**

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<tr>
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<td>Night Caesarean</td>
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<td>Live Births</td>
<td>133</td>
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<td>Still Births</td>
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<td>Abortions</td>
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11.6 Rashtriya Bal Swasthya Karyakram (RBSK)

1. Name of the Department: National Health Mission
2. Status of the host / owner: Govt
3. Name of the Owner Organization: Health and Family Welfare Department, Government of Tamil Nadu
4. Name of the Project: Rashtriya Bal Swasthya Karyakram (RBSK)
5. Name of the Contact Person: Dr. Bhakyalakshmi
6. Contact Address: National Health Mission

359, Anna Salai, 5th Floor,
DMS Annex Building, DMS Complex,
Teynampet, Chennai 600 006

7. Telephone / Fax / E-Mail: 044-24321310

8. Project Summary:
Rashtriya Bal Swasthya Karyakram (RBSK) is an important initiative aiming at early identification and early intervention for children from birth to 18 years to cover 4 'D's viz. Defects at birth, Deficiencies, Diseases, Development delays including disability.

9. Date of Launch of the Project: 2018-April

10. Geographical Coverage:
Kanyakumari and Cuddalore districts in pilot phase

11. Beneficiary of the Project: G2G

12. Project objectives:
It is important to note that the 0-6 years age group will be specifically managed at District Early Intervention Centre (DEIC) level while for 6-18 years age group, management of conditions will be done through existing public health facilities. DEIC will act as referral linkages for both the age groups.

13. Project Scope, Approach and Methodology:
This month we are planning to start pilot districts of Kanyakumari and Cuddalore.

   a. Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:
   Yet to start. Pilot is going on.
11.7 UHC (Universal Health Care)

1. Name of the Department: National Health Mission
2. Status of the host / owner: Govt
3. Name of the Owner Organization: Health and Family Welfare Department, Government of Tamil Nadu
4. Name of the Project: UHC (Universal Health Care)
5. Name of the Contact Person: Dr. Adithyan
6. Contact Address: National Health Mission
   359, Anna Salai, 5th Floor,
   DMS Annex Building, DMS Complex,
   Teynampet, Chennai-600 006
7. Telephone / Fax / E-Mail: 044-24321310

8. Project Summary:
   - Community focus with geo-tagged family enrolment
   - End-to-end Electronic Health Record (EHR) maintenance at Primary Care level
   - Integration of Pharmacy, Diagnostics services
   - Service delivery support for General OP, NCD and O/G at HSC/PHC levels and Specialty services (such as ENT, Ophthal, etc) at Urban Polyclinics
   - Portability with Digital Accessibility (“Offline” access in “Tablet” devices)
   - App availability in both “Tablet” and “Web” versions
   - Deployed in 67 HSCs across 3 Blocks with a coverage of 4.5 Lakh population

9. Date of Launch of the Project:
   2017-Jan

10. Geographical Coverage:
    Only three Districts

11. Beneficiary of the Project:
    G2G

12. Problem statement:
    Server related issues

13. Project objectives:
    The IT platform is developed with the major objective of creating family folders thereby enables to ascertain the coverage, outreach strategy etc.

14. Project Scope, Approach and Methodology:
    The UHC IT platform will be revamped soon to extend it to the entire State of Tamil Nadu. E-PDS database will be used as the baseline database in the comprehensive UHC IT platform which is underdevelopment.

15. Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:
    Revamping is in progress
### 11.8 PolyClinic (UPHC)

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>National Health Mission</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the host / owner</td>
<td>Govt</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Health and Family Welfare Department, Government of Tamil Nadu</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>PolyClinic (UPHC)</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Dr. Abilash</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>National Health Mission 359, Anna Salai, 5th Floor, DMS Annex Building, DMS Complex, Teynampet, Chennai600 006</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / E-Mail</td>
<td>044-24321310</td>
</tr>
</tbody>
</table>

#### 8. Project Summary:
- An outpatient specialists clinic mainly to cater to the urban slum population
- Comprehensive specialty care under one roof
- 74 Polyclinics functioning on pilot mode in Tamil Nadu
- one polyclinic for every 2.5 lakh population

#### 9. Date of Launch of the Project:
2017-January

#### 10. Geographical Coverage: All over Tamil Nadu

#### 11. Beneficiary of the Project: G2G

#### 12. Problem statement: Server related issues

#### 13. Project objectives:
To reach the vulnerable with specialty services

#### 14. Project Scope Approach and Methodology:
- **Target:** Urban poor and vulnerable group  
  Timing 4.30 - 8.30 pm (convenient for daily wagers)  
  Specialist services in UPHC
- **HR:**  
  Empanelment of specialist/ PGs.  
  Drugs and Diagnostics  
  Central supply through TNMSC
- **Referral:** CMCHIS linkage. Monitoring mechanism Polyclinic app  
  Aim: Decongesting secondary care hospitals.

#### 15. Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:
Urban Polyclinics: To provide comprehensive specialty care to the urban poor, the concept of "Polyclinic – Specialist Outpatient Clinic" has been implemented in the UPHCs in the evening (4.30-8.30 pm). Polyclinic is envisaged to reduce waiting time of the patient, minimize the Out of Pocket Expenditure and Specialists of General Medicine,
Pediatrics, Dental, Ophthalmology, ENT, Obstetrics and Gynaecology are hired based on guidelines adhering to GOI guidelines and operates as fixed day fixed specialty at the UPHC itself. It is now implemented in selected 96 Urban Primary Health Centres (UPHCs) as 1 polyclinic for 2.5 lakh UPHC at a cost of Rs.1,509 lakhs and 1,007,139 people have been benefited. Since specialists are hired to the UPHC with case by case reference by the UPHC medical officer, it is a boon to daily wage workers who can access UPHCs easily for evening specialty clinics at no cost without losing daily wages. A web based application for monitoring and evaluation of polyclinics has been piloted in 2 polyclinics of Greater Chennai Corporation and will be further expanded to all polyclinics.
11.9 THAIMAI

8. **Project Summary:**
   Tracking Health Information of Mothers Using Mobile Based Application

9. **Date of Launch of the Project:**
   Pilot: May 2018.

10. **Geographical Coverage:**
    Test Piloting of Thaimai application at Nandivaram Block in Kancheepuram District

11. **Beneficiary of the Project:**
    G2G

12. **Problem statement:**
    Server related issues

13. **Project objectives:**
    - Maternal Death during Transit-13% and Infant deaths -6% (2016-17)
    - No follow up of out of coverage mothers unless they visit a hospital/VHN
    - Clinical records mostly not brought during hospital visits
    - Need to develop tracking and follow up system for Antenatal care

14. **Project Scope, Approach and Methodology:**
    - Android based mobile application for tracking mothers using GPS locator. Non-Android mobile users to be tracked using tower coordinates
    - Integrated with PICME, Central Monitoring facility at state level
    - Mobile based application for mothers provides Alert messaging system (emergency and reminders), upload of health records, Health Messages (audio and video messages), Able to view nearby Public health facilities, Support the mother during referrals and SOS facilities.
    - Mobile phone based application for VHN provides Dashboard of Mothers, Duelist generation, Receive alerts from mothers, View location of mothers and their health records, Get alerts if visitor mother in VHN area.
    - Stakeholders involved
      - Govt of Tamil Nadu
      - National Health Mission, Tamil Nadu
      - Directorate of Public Health and Preventive Medicine – Custodian of PICME
      - National Informatics Centre, NIC- Chennai – Developer for PICME
15. Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:

- Outcomes:
  - THAIMAI system consist of Mother Application, VHN application and Admin Panel have been uploaded in Base server, provided by ELCOT at NIC centre in Rajaji Bhavan, Besant Nagar, Chennai
  - Dumped PICME data received in Base server used for piloting. PICME web service access received on 14.06.18
  - 6 VHN and 265 mothers registered using the application in the pilot block
  - GIS web service from TNGIS used over google maps for block and district boundaries with village level centroids for tracking.
  - Test Piloting of Thaimai application at Nandivaram Block in Kancheepuram District.
### 11.10 Implementation of indigenously developed Integrated Vehicle Management Database software

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Tamil Nadu State Health Transport Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the Host/owner</td>
<td>A Directorate under the Ministry of Health and Family Welfare, Government of Tamil Nadu. On-line connectivity yet to be applied</td>
</tr>
<tr>
<td>3</td>
<td>Name of the owner organisation</td>
<td>Tamil Nadu State Health Transport Department</td>
</tr>
<tr>
<td>4</td>
<td>Name of the project</td>
<td>Implementation of indigenously developed Integrated Vehicle Management Database software</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact person</td>
<td>Thiru S. Varadharajan, BE., Automobile Engineer(I/c)</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Directorate of Tamil Nadu State Health Transport Department, Race Course Road, Guindy, Chennai 600032</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/E-Mail</td>
<td>044-22350070/22350264/22350420 <a href="mailto:directorate.tnshtd@nic.in">directorate.tnshtd@nic.in</a></td>
</tr>
</tbody>
</table>

### 8. Project summary:
This Department executes repair and maintenance of around 2,700 vehicles belonging to Health and Family welfare department. The activities are similar to a dealer workshop operating as per standards prescribed by respective vehicle manufacturer by means of a database software. This department indigenously developed one such data base to facilitate computerisation of entire workshop activities which includes yard, Stores and functions of Mobile team which renders preventive maintenance.

### 9. Data of launch of the project:
1/4/2017 onwards

### 10. Geographical coverage:
Covering the entire state of Tamil Nadu, comprising of seven Regional Workshops, Nine District Workshops, Twenty-nine Mobile Workshops and Two mini Workshop Activities.

### 11. Beneficiary of the project:
This software renders useful assistance to various directorates of Health and Family welfare department from vehicle procurement to Condemnation. Also this database software eliminates ledgering activities.

### 12. Problem statement:
**Statement**: Vehicle Database is not available for Health and Family Welfare Department on par with OE standards. Maintaining records for 2.5 lakh or 10 years run by a vehicle is mammoth task for 2700+ vehicles.

**Solving**: Since the functions of this department are similar to a vehicle dealer workshop a database skeleton process flow has been designed in such a way it should incorporate the OE standards as well as Motor vehicle Departmental rules. This development leads to formation of this Integrated Vehicle Management Database Software.

### 13. Project objectives:

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**Table:**

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</tr>
</tbody>
</table>
Computerization of entire activities, Maintain healthy data storage with regard to various parameters such as utilization, performance, clinical evaluation of life expectancy of vehicle’s major components, renewal frequency, preventive maintenance, tracking reoccurrence of similar repairs etc.

Project scope, approach and Methodology:

With the available in-house facility, a database structure has been defined to meet the functional requirement of this department on par with OE vehicle manufacturer’s data base software standards. All the resources have been identified to meet the prescribed output including evaluation, testing for a period of two years before implementation. The initial design phase is confined to Yard functions only and during the second and third phase the inventory and preventive maintenance aspects have also been incorporated with the main database.

14. Results achieved/ Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:

The software developed has been successfully implemented in all the workshops of this department and the reports are generated using this database software. The performance of each workshop could be accurately evaluated on various parameters. The life served by various components including Tyres and Batteries could be analyzed. This software has scope to get modified as and when the vehicle manufacturer changes its specifications and parameters, giving way to updation at all times.
11.11 Online Licences of Allopathic Drugs (Sales), Homoeopathic Medicines (Sales), restricted Allopathic drugs(Sales), Schedule X drugs (Sales) and duplicate licence (Sales).

1. Name of the Department
   Drugs Control Department

2. Status of the host/owner
   Implemented throughout the State

3. Name of the Owner Organization
   TNeGA
   The following five online services are implemented through e-District:
   1. Application for grant of license of Allopathic Drugs (Sales)
   2. Application for grant / renewal of license of Homoeopathic Medicines (Sales)
   3. Application for grant of license of restricted Allopathic drugs(Sales)
   4. Application for grant of license of Schedule X drugs (Sales)
   5. Application for issue of duplicate licence (Sales).

4. Name of the Project

5. Name of the Contact Person
   Director of Drugs Control

6. Contact Address
   Director of Drugs Control
   359, DMS Campus, Anna Salai
   Teynampet, Chennai-600 006.

7. Telephone/Fax/E-Mail
   044 – 24335068

8. Project Summary:
   (As per G.O.(Ms). N0.215 dated 05.06.2018 of Health and Family Welfare Department, Chennai-09)
   The following five services are the licences issued under the Section 18 of Drugs and Cosmetics Act 1940.

   | i. Application for grant of license of Allopathic drugs (Sales). |
   | These are the process of application, receipt and processing and issue of licences for sale of allopathic drugs / Homeopathic Medicines / restricted allopathic drugs / Schedule X drugs through online |
   | ii. Application for grant / renewal of licence of Homoeopathic Medicines (Sales). |
   | iii. Application for grant of licence of restricted allopathic drugs (Sales). |
   | iv. Application for grant of licence of Schedule X drugs (Sales). |
   | v. Application for issue of duplicate license (Sales) |

9. Date of Launch of the Project:
   23.07.2018
10. **Geographical Coverage:**
   Throughout the state

11. **Beneficiary of the Project:**
    G2B (Government to Business)

12. **Project Objectives:**
    Ease of doing Business

13. **Project Scope Approach and Methodology:**
    Project owned by TNeGA

14. **Results achieved /Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:**
    Around 200 number of beneficiaries through e-Sevai Centres
11.12 Health Management Information System (HMIS)

1. Name of the Department: Directorate of Medical Education
2. Status of the Host / Owner: In Progress
3. Name of the Owner Organization: Health and Family Welfare Department, Government of Tamil Nadu
4. Name of the Project: Health Management Information System (HMIS)
5. Name of the Contact Person: Dr. Ajithdas Aruna, M.Pharm., Ph.D., Joint Director of Medical Education
6. Contact Address: Directorate of Medical Education, 156, E.V.R. Periyar Salai, Kilpauk, Chennai-600010
7. Telephone/Fax/Email: 044-28366890 /
aruna anatha@yahoo.com

8. Project Summary:
   - The components under HMIS are
     - Hospital Management System – HMS- for patient related OP/IP real time data capturing, drug prescription and Lab reporting etc.
     - Management Information System - MIS- public health related module with administrative modules including Clinical, finance and HR data.
     - College Management System – CMS - The academic activities of the medical colleges
   - The software developed with the following features:
     - Centralized web based application on open source platform
     - J2EE (Java 2 enterprise edition)
     - PostgreSQL data base
     - Glass fish Application Server
     - Solaris Operating System
     - Follows industry standard-three tier architecture (Presentation, Business logic and Data layer)
     - SUSE Linux OS at the end user level-user friendly screens

9. Date of Launch of the Project: 11-08-2014

10. Geographical coverage: All over the State of Tamil Nadu

11. Beneficiary of the Project:
    - HMS- Patients through better health care delivery
    - MIS-Administrative authorities of Health and Family Welfare Department
    - CMS- Students and College authorities

12. Problem Statement:
    - TNSWAN Connectivity disruption / Slowness
    - Redundant VPNoBB / MPLS Connectivity disruption and slowness
    - LAN issues within hospital
13. **Project Objectives**

- To lay emphasis on providing an efficient health care system which is highly accessible, equitable and evidence based to the socio economically under privileged disadvantaged group an tribal population.
- To deliver evidence based health care to the public by using a judicious combination of information technology and hospital management systems.
- To provide information based support for implementation of reforms by health administrators and policy makers.

14. **Project Scope Approach and Methodology:**

- Prior to the implementation of HMIS, in Government hospitals, patient records were entered manually and maintenance/retrieval of manual records were time consuming an inaccurate.
- Monthly reports were sent as hard copy an this remains as a challenge for data compiling and analysis, also no real time data for monitoring the hospitals were available, drugs an equipment inventory were not accurate. Need of a system to overcome the hardships was planned with a wide scope of coverage for primary, secondary and tertiary care hospital across the state.
- HMIS eases this process and was devised to give the Tamil Nadu Health Care system a significant leverage in efficient management across the entire state.
- The HMIS application is envisaged as a single State Health IT system. A totally centralized web based system on fully open source technologies was decided upon to optimize investments and more importantly, overcome the maintenance an skills availability at district/hospital level.

15. **Result achieved/value delivered to the beneficiary of the project and other district feature / accomplishment of the project**

**For Patients:**
- Patient identification number (PIN) – unique identity
- On next visit, need not wait in long queue for registering again
- Prescription and Lab reports printouts are given to the patient
- Old records available on line-safe for a longer period of time
- Patient can visit any secondary care hospital across TN with PIN

**For Doctors**
- Saves a lot of time
- Drugs/Lab investigations can be grouped into packages for prescription.
- Can view the previous clinical history ports on line
- Specialist PO-Doctors with a single click, can repeat the previous prescription.
- In certain cases the Doctor can follow the Standard treatment guidelines (Master data)

**For Pharmacists**
- Drug stocks are updated each drug issue.
- He can monitor the expiry dates and the batch number of each drug.
- Need not count the tokens and consolidate them for stock position.
- The warranty/AMC of equipments can be easily tracked.
- Transparency and accountability in managing drugs, equipment stocks.
For Administrators

- This Predominantly functions as decision support system
- Hospital level- for Deans/ Directors/ Chief Medical Officers
- State level- for HODs/ Directors and Policy Makers
- Dashboard will have information on- No of OP/IP/MLC/Drug position, Laboratory statistics etc.
11.13 Electronic Health Record System (EHR) (Digitalised PLHIV patients record maintenance)

1. Name of the Department: Tamil Nadu State AIDS Control, Society
2. Status of the Host / Owner: Digital Ocean – (Pilot project implementing at two Anti Retroviral Centres, MMC and IOG, Chennai.)
3. Name of the Owner Organization: Project Director
4. Name of the Project: Electronic Health Record System (EHR) (Digitalised PLHIV patients record maintenance)
5. Name of the Contact Person: Mr. N. Vishnu Raj
6. Contact Address: MandE Officer, TANSACS, Egmore, Chennai
7. Telephone/Fax/Email: +919842853834, stmeo.tansacs@gmail.com

8. Project Summary:
   Electronic Health Record System for Anti Retroviral Treatment Centres (ART) under the control of Tamil Nadu State AIDS Control Society.
   Introduce one integrated solution which will support the clinical activities for TANACS. Provide a full electronic patient record with access to people Living with HIV (PLHIV) information at the Point of care. Create paperless Process and automated workflow to reduce errors and streamline operations.
   - HER can reduce medical error, improve patients safety, and support better patient outcomes.
   - Reduces the work load for the employees and hence improved quality of care.
   - Increase in services.
   - Improved patient engagement and hence improved adherence to the ART drugs.
   - Secondary decrease in the number of patients requiring second line and third line therapies and hence decrease in the total expenditure for the government.
   - Treatment and followup, through telemedicine, for the patients in the remote rural areas.

9. Date of Launch of the Project:
   Pilot project is going on at MMC and IOG ART Centre, Chennai.

10. Geographical coverage :
    90%

11. Beneficiary of the Project:
    - HER can reduce medical error, improve patients safety, and support better patient outcomes.
    - Reduces the work load for the employees and hence improved quality of care.
    - Increase in services.
    - Improved patient engagement and hence improved adherence to the ART drugs.
    - Secondary decrease in the number of patients requiring second line and third line therapies and hence decrease in the total expenditure for the government.
    - Treatment and followup, through telemedicine, for the patients in the remote rural areas.

12. Project Objectives:
Introduce one integrated solution which will support the clinical activities for TANACS. Provide a full electronic patient record with access to people Living with HIV (PLHIV) information at the Point of care. Create paperless Process and automated workflow to reduce errors and streamline operations.

13. Project Scope Approach and Methodology:
   
   Easy follow up of clients and better care continuum.
   
   Significantly less errors than paper records:
   
   - Ease to store, manage and retrieve voluminous data.
   - Easy to transfer patients records from one centre to another.
   - Quality data available for any research and Programmatic planning.
   - Patient portal and mobile app for easy access to application.
   - offline mode – upcoming feature
   - Separate dash board for all users help view all details in a single screen
   - OTP verification at each login to ensure data security.
   - Saves storage space at ART centres from the manual records and registers.

14. Result achieved/value delivered to the beneficiary of the project and other district feature / accomplishment of the project

   - Around 3000 Patient records has been successfully digitalized so far.
   - Improved efficiency and streamlined workflow for better patient care.
   - Clinical dashboard used by multiple levels of providers up to senior management.
   - 100% Paperless-decrease in the stationary cost.
   - Easy tracking of LFU patient’s hence better treatment adherence reducing the need for costly 2nd / 3rd line drugs.
   - Easy and better follow up of PLHIV helps to prevent new infection.
   - Significant decrease in the work load and automated workflow.
11.14 PICME 2.0 Web Portal (Revamped Software)

1. Name of the Department: Department of Public Health and Preventive Medicine
2. Status of the host/owner: Govt. of Tamil Nadu
3. Name of the Owner Organization: Directorate of Public Health and Preventive Medicine, Tamil Nadu.
4. Name of the Project: PICME 2.0 Web portal (Revamped Software).
5. Name of the Contact Person: Directorate of Public Health and Preventive Medicine, Tamil Nadu.
7. Telephone/Fax/E-Mail: 044-24328022/dphpm@rediffmail.com

8. Project Summary:
PICME 2.0 web portal, captures the details of pregnant women starting from Eligible couple registration to till 16 years of the child. The mothers / Infants are given a unique ID called RCH ID number. Using this number, the details of the mother can be viewed at any level. The data are available at different levels such as HSC, PHC, Block PHC, HUD and State.

A Work Plan Report gives the list of expected activities to be carried out during the given period of time by VHNs and supervisors. All PHCs, HSCs have been provided with computers / laptops and Internet connection for making data entry. EMRIs (Emergency Management and Research Institutes and 108 Ambulance service) have been given login ID for using PICME, so that they can take list of EDD mothers from the system. This software is also linked with CRS, Birth and Death registration software.

9. Date of Launch of the Project:
10.08.2017

10. Geographical Coverage:
Both in Rural and urban area of the entire state of Tamil Nadu is covered

11. Beneficiary of the Project:
All Citizens residing in Tamil Nadu.

12. Problem Statement:
Previous to PICME 2.0, the following problems were encountered:

- Software was developed a decade back and the technology was outdated
- Not able to avoid duplicate registration since no unique ID like Aadhaar was not available
- Not sufficient to fulfil the requirement of Government of India
- Not linked with CRS to ensure 100% delivery entry
- Eligible couples not covered
- SMS facility not available

13. Project Objectives

- To evaluate and continue monitoring of the Mother and Child Health activities.
- To reduce Maternal Mortality Rate and Infant Mortality Rate
11.14 PxCME 2.0 Web Portal (Revamped Software)

1. Name of the Department
   Department of Public Health and Preventive Medicine

2. Status of the host/owner
   Govt. of Tamil Nadu

3. Name of the Owner Organization
   Directorate of Public Health and Preventive Medicine, Tamil Nadu.

4. Name of the Project
   PICME 2.0 Web portal (Revamped Software).

5. Name of the Contact Person
   Directorate of Public Health and Preventive Medicine, Tamil Nadu.

6. Contact Address
   O/o the Director of Public Health and Preventive Medicine and Chief Registrar of Births and Deaths, 359 Anna Salai, DMS campus, Teynampet, Chennai-6.

7. Telephone/Fax/E-Mail
   044-24328022/dphpm@rediffmail.com

8. Project Summary:
   PICME 2.0 web portal, captures the details of pregnant women starting from Eligible couple registration to till 16 years of the child. The mothers / Infants are given a unique ID called RCH ID number. Using this number, the details of the mother can be viewed at any level. The data are available at different levels such as HSC, PHC, Block PHC, HUD and State.

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9. Date of Launch of the Project:
   10.08.2017

10. Geographical Coverage:
    Both in Rural and urban area of the entire state of Tamil Nadu is covered

11. Beneficiary of the Project:
    All Citizens residing in Tamil Nadu.

12. Problem Statement:
    Previous to PICME 2.0, the following problems were encountered:
     Software was developed a decade back and the technology was outdated
     Not able to avoid duplicate registration since no unique ID like Aadhaar was not available
     Not sufficient to fulfil the requirement of Government of India
     Not linked with CRS to ensure 100% delivery entry
     Eligible couples not covered
     SMS facility not available

13. Project Objectives
     To evaluate and continue monitoring of the Mother and Child Health activities.
     To reduce Maternal Mortality Rate and Infant Mortality Rate

14. Project Scope, Approach and Methodology
     Mother and Child Health Care data are entered by the VHN and monitored at various levels like Sector Health Nurse, PHC Medical Officer, Block Medical Officer, Deputy Director of Health Services and Directorate of Public Health and Preventive Medicine.
     The PICME 2.0 enables to track the mothers and children and services provided to antenatal mothers and child to reduce IMR and MMR.
     Various reports of the Ante Natal Care and Child Care is downloaded at various level of Health functionaries for the purpose of improving the MCH activities.

15. Results achieved /Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project
    From Date of launching 5, 40,349 AN mothers are registered.
11.15 Civil Registration System Web Portal

1. Name of the Department
   Department of Public Health and Preventive Medicine

2. Status of the host/owner
   Government of Tamil Nadu

3. Name of the Owner Organization
   Director of Public Health and Preventive Medicine and
   Chief Registrar of Births and Deaths, Tamil Nadu.

4. Name of the Project
   Civil Registration System Web Portal.

5. Name of the Contact Person
   The Director of Public Health and Preventive Medicine
   is the Chief Registrar of Births and Deaths in Tamil Nadu
   and he is the implementing authority of the RBD Act
   1969 in the State.

6. Contact Address
   O/o the Director of Public Health and Preventive
   Medicine and Chief Registrar of Births and Deaths, 359
   Anna Salai, DMS campus, Teynampet, Chennai-6.

7. Telephone/Fax/E-Mail
   044-24320802/dphpm@rediffmail.com

8. Project Summary:
   Registration of Births and Deaths through one Common Software throughout Tamil Nadu from 01.10.2017 onwards.

9. Date of Launch of the Project:
   01.10.2017

10. Geographical Coverage
    Entire State of Tamil Nadu

11. Beneficiary of the Project:
    All the Births, Still births and Deaths occur in Tamil Nadu.

12. Problem Statement:
    ▪ Various departments like Revenue, Town Panchayats, Local Body, Health etc., are registering Births and Deaths in their area.
    ▪ Various formats used
    ▪ Various software i.e., online/offline, Excel, MS-Word were used.
    ▪ Not able to avoid / check Duplication/Omission of registration of Births and Deaths.
    ▪ Not able to differentiate migrants / residents

13. Project Objectives
    ▪ Ensure 100% registration of Births, Deaths, Still Births, Infant Deaths and Maternal Deaths.
    ▪ To enable the citizen to download the Birth and Death certificates without any hardship through public domain.
    ▪ Linkage to PICME 2.0 software to ensure the provision of MCH services to all the eligible mothers.

14. Project Scope Approach and Methodology
    ▪ Any omission under CRS will be captured through PICME 2.0 Software vice versa with the objective of reduction of IMR and MMR.
    ▪ To avoid correction/duplication of Births and Deaths.
    ▪ Obtaining Birth / Death certificates through Public domain.

8. Results achieved /Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project
   ▪ 91% of Births, 90% of Still Births and 94% of Deaths registered through this software during 2018 (upto 19.09.2018).
   ▪ Births and Deaths certificates are taken through online.
   ▪ Omissions of pregnant mothers and births are easily identified and registered regularly.
15. Results achieved /Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project

- 91% of Births, 90% of Still Births and 94% of Deaths registered through this software during 2018 (upto 19.09.2018).
- Births and Deaths certificates are taken through online.
- Omissions of pregnant mothers and births are easily identified and registered regularly.
## Civil Works Monitoring System

1. **Name of the Department**: Health Department
2. **Status of the host / Owner**: Government of Tamil Nadu
3. **Name of the Owner Organization**: Health Department
4. **Name of the Project**: Online Civil Works Monitoring System
   - [http://214.248.44.77/tnhealth2](http://214.248.44.77/tnhealth2)
5. **Name of the Contact Person**: Managing Director, Health Dept. Shri. Manivasagam, S., Scientist D, NIC
   - vasagam@nic.in
6. **Contact Address**: National Health Mission, DMS Complex, Chennai
7. **Telephone / Fax / eMail**: 044 – 24321310, rchpcni@tn.nic.in

### Project Summary

It is a web based system developed to monitor the physical and financial progress of the civil works being executed by the field offices of the Health Department.

### Date of launch of the Project

December 2016

### Geographical Coverage

All 32 districts of Tamil Nadu.

### Beneficiary of the Project

Department of Health, Government of Tamil Nadu.

### Problem Statement

Prior to the implementation of this system, the user department found it very difficult to monitor the physical and financial progress of the works being carried out by the field offices from the headquarters.

### Project Objectives

To develop a web based system to monitor the physical and financial progress of the works being executed at the field offices from the headquarters.

### Project Scope, Approach and Methodology

Online Civil works monitoring system has the provision to upload the photographs of the stages of construction of the buildings. Georeferencing feature could be introduced to get the genuineness of the photographs being taken.

### Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

User department is able to effectively monitor the development of the civil works because of which work efficiency and timely completion of the work is possible.
User department is able to effectively monitor the development of the civil works because of which work efficiency and timely completion of the work is possible.
12. HIGHER EDUCATION DEPARTMENT

12.1 Website Creation / Maintenance / Updation – Alagappa University

1. Name of the Department
   Alagappa University

2. Status of the Host / Owner
   Alagappa University

3. Name of the Owner Organization
   Dr. Chandra Mohan IAS., Chairman and Managing Director

4. Name of the Project
   Website Creation / Maintenance / Updation

5. Name of the Contact Person
   Prof. H. Gurumallesh Prabu Registrar, Alagappa University

6. Contact Address
   Registrar, Alagappapuram, Karaikudi 630 003.

7. Telephone/Fax/eMail
   04565-226001, Fax: 04565-225525, e-mail.registraralagappauniv@gmail.com

8. Project Summary
   Website of our university gives the detailed description about the various departments, department activities like admission, news and events, examination payment of course fees / examination fee, MHRD details like SWAYAM, Spoken Tutorial, A-View. It also gives the details about the current research activities and the requirement details.

9. Date of Launch of Project
   July 2006

10. Geographical coverage
    Throughout the world

11. Beneficiary of the Project
    Students and distance learning community can reach as immediately to enrich their knowledge

12. Problem Statement
    Development of full pledged informative university portal catering to the needs of students, Researchers, Teaching and Administrative staff of the university and public.

13. Project Objectives
    University information reach the students and Academic community easily and effectively.

14. Project Scope, Approach and Methodology
    To provide information about the university, students, officials, departments, programmes offered through regular and distance modes. Besides, daily News and events of the university departmental activities, providing examination results and up-to-date research related activities through website.

15. Result Achieved/value delivered to the beneficiary of the project
    and other distinct features / accomplishments of the project
### 12.1 Website Creation / Maintenance / Updation – Alagappa University

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</tbody>
</table>

**8. Project Summary**

Website of our university give the detailed description about the various departments, department activities like admission, news and events, examination: payment of course fees / examination fee, MHRD details like SWAYAM, Spoken Tutorial, A-View. It also gives the details about the current research activities and the requirement details.

**9. Date of Launch of Project**

July 2006

**10. Geographical coverage**

Throughout the world

**11. Beneficiary of the Project**

Students and distance learning community can reach as immediately to enrich their knowledge.

**12. Problem Statement**

Development of full pledged informative university portal catering to the needs of students, Researchers, Teaching and Administrative staff of the university and public.

**13. Project Objectives**

University information reach the students and Academic community easily and effectively.

**14. Project Scope, Approach and Methodology**

To provide information about the university, students, officials, departments, programmes offered through regular and distance modes. Besides, daily News and events of the university departmental activities, providing examination results and upto date research related activities through website.

**15. Result Achieved/value delivered to the beneficiary of the project and other distinct features / accomplishments of the project**

100%
12.2 Government e-Marketing, E-Payment for examination related fee (Both Regular and Distance Education), E-Application for Ph.D., enrolment (Periyar University)

1 Name of the Department Periyar University
2 Status of the Host / Owner Vice Chancellor
3 Name of the Owner Organization Periyar University
4 Name of the Project 1. Government e-Marketing.
2. E-Payment for examination related fee (Both Regular and Distance Education).
3. E-Application for Ph.D., enrolment.
5 Name of the Contact Person The Registrar
6 Contact Address Periyar University, Salem – 636 011.
7 Telephone/Fax/eMail registrarperiyar@gmail.com
0427-2345766

8. Project Summary
   - Purchase of all the requirements of Departments and University from GeM

9. Date of Launch of Project
   - From June 2018

10. Geographical coverage---

11. Beneficiary of the Project
   - Departments, Principal Investigators of Research Projects and Research Scholars

12. Problem Statement
   --

13. Project Objectives
   --

14. Project Scope Approach and Methodology
   i. Easy to Purchase without any Tender Processes.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project
   - Nearly 50 lakhs worth of products are purchased through GeM.
12.3 Students Support Centre – Bharathiar University

1. Name of the Department
   Bharathiar University

2. Status of the Host / Owner
   State University

3. Name of the Owner Organization
   Bharathiar University

4. Name of the Project
   Students Support Centre

5. Name of the Contact Person
   The Registrar

6. Contact Address
   Bharathiar University,
   Coimbatore 641 046.

7. Telephone/Fax/eMail
   0422 – 2428106
   0422 2425706
   regr@buc.edi.in

8. Project Summary
   - Bharathiar University and Bank of India have initiated a e-gateway for paying various fees such as tuition fees, exam fees and hostel fees anytime, from anywhere instantly without any transaction charges.
   - A single window system is provided to the students to issue Chealan for paying various fees.
   - Online Applications for School of Distance Education Aspirants
   - Online Enquiry by the students on details such as eligibility condition for admission and fee details.

9. Date of Launch of Project
   - February 2015

10. Geographical coverage
    - Worldwide

11. Beneficiary of the Project
    - Students, Parents, Public

12. Problem Statement
    Students used to stand in long queues to pay fees and in order to get information on eligibility condition for admission and fee details, they had to travel and come in person to University. In order to make the life of the student easy and to give them enough time to focus on academics, a centre that would support students using electronic devices was needed.

13. Project Objectives
    - To provide an user friendly, online mode of payment of fees
    - To allow for easy accessibility of information for new aspirants.

14. Project Scope Approach and Methodology
    - Online fees payment
      Information Access.
    - Methodology:
      Web enabled portal
      Query based information retrieval

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project
    - Satisfaction from Students, Parents.
### 12.4 Syllabi and Curriculum – Bharathiar University

<p>| | | |</p>
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<td>6</td>
<td>Contact Address</td>
<td>Bharathiar University, Coimbatore 641 046.</td>
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<tr>
<td></td>
<td></td>
<td><a href="mailto:regr@buc.edi.in">regr@buc.edi.in</a></td>
</tr>
</tbody>
</table>

#### 8. Project Summary
- Syllabi and Curriculum of the undergraduate and postgraduate programmes are electronically stored.
- They are categorized under affiliate colleges and on-campus departments. Within that category, programme-wise categorization is carried out.
- Proper hyperlinks are set to access these.
- Can be accessed through Bharathiar University website www.b-u.ac.in

#### 9. Date of Launch of Project
2015

#### 10. Geographical coverage
- Worldwide

#### 11. Beneficiary of the Project
- Students, Teachers, affiliated colleges, Public

#### 12. Problem Statement
- In order to get a copy of the syllabus and curriculum, students and colleges have to approach the postal means. To access the up to date syllabus and curriculum, it took time.

#### 13. Project Objectives
- To provide an user friendly, online access to syllabus and curriculum
- To allow for easy accessibility of information on syllabus and curriculum.

#### 14. Project Scope, Approach and Methodology
**Online Access of Syllabus and Curriculum**

**Information Access**

**Methodology:**
- Web enabled portal

**Web Link:**
http://www.bu.ac.in/Home/DeptSyllabus

#### 15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project
- Students, Teachers, Affiliated Colleges.
Following the new post graduate programme that University introduced on Data Analytics, Karnataka Rural University has used the syllabus as input to design their PG programme and invited the experts of the Bharathiar University.
## 12.5 Database of Research Guides – Bharathiar University

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<thead>
<tr>
<th></th>
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<td>4</td>
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<td>5</td>
<td>Name of the Contact Person</td>
<td>The Registrar</td>
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<tr>
<td>6</td>
<td>Contact Address</td>
<td>Bharathiar University, Coimbatore 641 046.</td>
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<td></td>
<td></td>
<td><a href="mailto:regr@buc.edi.in">regr@buc.edi.in</a></td>
</tr>
</tbody>
</table>

### 8. Project Summary
- Details of research guides are electronically stored.
- They are categorized under various disciplines and subjects.
- Can be accessed through Bharathiar University website www.b-u.ac.in

### 9. Date of Launch of Project
- 2015

### 10. Geographical coverage
- Worldwide

### 11. Beneficiary of the Project
- Prospective Scholars, Teachers, Public

### 12. Problem Statement
- In order to get details of the research guides and the area of research which they guide, students and colleges have to approach the postal and telephone means. To reach the guides to identify if there is vacancy, it took time.

### 13. Project Objectives
- To provide an online access to database of Research Guides.
- To allow for easy accessibility of information on area of research, affiliation, contact details such as e-mail ID, phone numbers.

### 14. Project Scope, Approach and Methodology

**Scope:**
- Online Access of Details of Research Guides

**Methodology:**
- Web enabled portal
- Web Link.
- Web URL: [http://www.bu.ac.in/Home/DeptSyllabus](http://www.bu.ac.in/Home/DeptSyllabus)

### 15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project
- Prospective Scholars, teachers, Affiliated Colleges.
### 12.6 Online Registration for Semester Examinations Manonmaniam Sundaranar University

<table>
<thead>
<tr>
<th></th>
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<th>Manonmaniam Sundaranar University Controller of Examinations</th>
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<td>Status of the Host / Owner</td>
<td>Quasi Government</td>
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<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Vice-Chancellor, Manonmaniam Sundaranar University</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Online Registration for Semester Examinations</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Registrar, Manonmaniam Sundaranar University</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Registrar, Manonmaniam Sundaranar University, Abishekapetti, Tirunelveli 12.</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>0462 – 2338632, 9487901000, 0462 – 2334363, <a href="mailto:registrar@msuniv.ac.in">registrar@msuniv.ac.in</a></td>
</tr>
</tbody>
</table>

#### 8. Project Summary
- To facilitate the students to register for their semester examinations through online system has been implemented. Now the students under Tirunelveli, Kanyakumari, Thoothukudi Districts apply online and their details are made available online. Their answer sheets are evaluated manually and fed to the computerized system.
- The results are published online and SMS is sent to their mobile. QR code has been incorporated in their degree certificate by which any one can get all the semester marks using QR code scanner.

#### 9. Date of Launch of Project
- 25.11.2016

#### 10. Geographical coverage
- Tirunelveli, Kanyakumari, Thoothukudi Districts

#### 11. Beneficiary of the Project
- All students of Manonmaniam Sundaranar University (around 1 lakh)

#### 12. Problem Statement
- The manual Registration process for semester exam is tedious and a lot of human hours were needed towards data collection. Monitoring of fee collection was difficult and there was a chance for missing details.

#### 13. Project Objectives
- The objective of online Registration process is to eliminate the hardship of the students while applying for their examinations. To reduce the manual work in the examination process this system will be useful. To collect the fee efficiently and accurately.

#### 14. Project Scope, Approach and Methodology
This system consists of a front end web portal and database on cloud. Students can register for exams using online portal. Fee collection is made through online payment. Helpline for the students are also available.

**15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project**

- More than 1 lakh students register for semester examinations.
- Fee collection simplified.
- Registration process becomes simple and manageable.
- Data storage and Retrieval becomes easy.
## 12.7 Website Creation / Maintenance / Updation Thiruvalluvar University

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<td>4</td>
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<td>5</td>
<td>Name of the Contact Person</td>
<td>Prof. Dr.V.Peruvalluthi, Registrar, Thiruvalluvar University</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Registrar, Thiruvalluvar University, Serkkadu, Vellore 632 115. Vellore District, Tamil Nadu</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>0416 – 2274746 / 2274747</td>
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<td></td>
<td>Fax:0416 – 2274748 <a href="mailto:registrartvu@gmail.com">registrartvu@gmail.com</a></td>
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### 8. Project Summary

www.tvu.edu.in

- Website of this University provides detailed descriptions about the various academic Departments, Courses offered in the Departments, affiliated Arts and Science Colleges and Courses offered, various departmental activities like Seminar, Workshops, Conferences, News events, Authorities of the University, admission procedures, Regulations and Syllabus, Examination results, online tracking of Ph.D. Thesis, Administration, various Committees, viz., Internal Complaints Committee, Disability Resource Centre, Placement Cell, Anti-Ragging Committee, Students Welfare Bureau, various Links, viz. NAD, NAD Registration Process for Students, e-PG-Pathshala, Prevention CBD, various MoUs undertaking by the University, etc.

### 9. Date of Launch of Project

2011

### 10. Geographical coverage

Worldwide

### 11. Beneficiary of the Project

- Student Community for undertaking their research and social sciences and to provide quality monitoring in the education system.

### 12. Problem Statement

- Development of full-fledged effective and informative Web Portal of this University catering to the needs of the Students, Researchers, Teaching and Administrative and non-teaching staff of the University and also public.

### 13. Project Objectives
To extend all the events / information about the University to the Students, Researchers and Teaching faculty with easy access so that teaching and learning in this University becomes comfortable and enjoyable.

14. Project Scope, Approach and Methodology

- To provide the information of the University to the students, various Officials of the departments. Besides, daily news and Events of the University, departmental activities, Examination results and research activities. Development and periodical updation of information provided in the University Website.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project

100%
12.8 e-Governance – Madurai Kamaraj University

1  Name of the Department  Madurai Kamaraj University
2  Status of the Host / Owner  Madurai Kamaraj University
3  Name of the Owner Organization  Madurai Kamaraj University
   The Registrar
   Madurai Kamaraj University
   Madurai 625 021
4  Name of the Project  e-Governance
5  Name of the Contact Person  The Registrar
6  Contact Address  Madurai Kamaraj University
   Madurai 625 021
7  Telephone/Fax/eMail  0452 – 2459455
   mkuregistrar@gmail.com

8. Project Summary

Online works implemented:
- Payment of tuition fees, Examination fees and other fees by the students
  - through SBI icollect
- Results are published in the University web site
  - www.mkuniversity.ac.in
  - www.mkudde.org
- Scholarships are being disbursed through direct transfer to students’ account.
- Project amount is being transferred to faculty members through direct transfer to their account.
- Admission cards are being issued through e-mail.
- All communications to the faculty members are being issued through e – mail.

Proposed projects: (Purchase order issued)
- File Management System Software
- Finance Management System Software
- Human Resource (HR) and Establishment Management System Software
- Research Management System Software for students
- University Examination System Software
- For the establishment of e-governance in Madurai Kamaraj University, 250 numbers of Desktop Computers, Server, Laser Printers and Network switches were purchased.
- For uninterrupted power supply, 33 numbers of 2.0 KVA online UPS were purchased.
- Purchase orders were issued by the Registrar for the supply of 100 nos. of cubicle computer tables to house desktop computers in order to extend the e – governance to all the sections of this University.

9. Date of Launch of Project
   --

10. Geographical coverage
    Madurai Kamaraj University Campus

11. Beneficiary of the Project
    Students Research Scholar and Staff of MKU
12. Problem Statement

13. Project Objectives

14. Project Scope, Approach and Methodology

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project
12.9 Annamalai University

1. Name of the Centre: Annamalai University
2. Status of the Host / Owner: --
3. Name of the Owner Organization: --
4. Name of the Project: --
5. Name of the Contact Person: Dr. K. Arumugam, Registrar i/c
6. Contact Address: Office of the Registrar, Annamalai University, Annamalainagar 608 002, Chidambaran Taluk, Cuddalore District, Tamil Nadu.
7. Telephone/Fax/eMail: 04144-238259
   Fax: 04144-238080
   E-Mail: au_regr@ymail.com

AIC Digitalization Initiatives

Annamalai Innovation Centre, AIC, of Annamalai University is a hub of activities. The Centre, established in 2013, carries out digitalization with efficacy through its multi-pronged operations.

AIC provides technological support to various Departments / Sections to digitalize their processes. Various processes digitalized are classified under the following heads and are as follows:

I. Revamped Website
   1. The present revamped website was launched on 23rd of January, 2017.
   2. The website has dedicated portals, viz., DDE, Admissions on-campus, Examinations, Student and Staff portals to cater to the stakeholders
   3. Embedded with links to social networking websites – Facebook, LinkedIn and YouTube channel.
   4. An Exclusive Gallery page to display the photos and videos of the events in the University.
   5. The website is completely designed and maintained in-house.

II. Networking
   1. Complete networking of the 100 acre campus with 15 km OFC cabling and 113 access switches.
   2. Internet is provided by NIC - BSNL through the NKN module of MHRD with a bandwidth of 1 GBPS.
   3. A total of 2,000 nodes with internet provision available for the staff and students.

III. Admission Process
   1. Introduction of Online Application to all the Programmes offered
   2. Web based counselling for all the Professional Programmes

IV. Student Support
   1. Student Attendance and Internal Assessment Marks on the Student Portal
   2. Wi-Fi Facility provided to all the 19 Hostels with 120 Access Points.
3. Biometric Attendance System for the Ladies Hostel with dedicated 16 Machines

V. **Staff Support**
1. Provision to view and download Pay slip of the Staff (both on roll and pensioners)
2. Provision to view and download Form 16
3. Provision to download important application forms and other formats
4. Web based end – to- end solution for Staff Biometric Attendance system with 46 Biometric Machines.

VI. **Cashless Transaction**
1. All fees, viz., the tuition fees, examination fees and hostel fees are made online for the On-Campus and Distance Learning students

VII. **Security**
1. Installation of Network Surveillance Cameras for enhanced security.
2. At present 196 Cameras have been installed at sensitive locations at Administrative Block and at various Faculties of Study
3. Installation of Cameras is expanded to other buildings in a phased manner
4. A proposal for 1,600 cameras has been submitted to the Tamil Nadu Government under the Nirbhaya Scheme.

VIII. **SWAYAM**
1. SWAYAM is a programme initiated by the Government of India to take the best teaching learning resources to all, including the most disadvantaged.
2. To achieve this, the MHRD has mandated creation of wi-fi enabled digital campus for the students to access these online MOOC Courses.
3. The Faculty of Engineering and Technology has approved selection of MOOC Courses on SWAYAM and the other Faculties of Study are in the process offering these courses to the students.
4. In order to create the digital campus, Annamalai University has tied up with Reliance JIO to make the campus completely wi-fi enabled with a provision of 1,560 Access Points.
5. First phase of the project is completed with installation of 46 Access Points to the Administrative Block and 177 Access Points at the Hostels.

**e-Governance of Payment**

The implementation of Public Finance Management System (PFMS) started in May 2017 at Annamalai University campus. All the receipts and credits of grants from various funding agency had been carried out successfully through PFMS portal.

In addition, University created an account in UGC-Canara bank scholarship portal for online payment of scholarships to research scholars availing various fellowships schemes of UGC.

**E-procurement of Goods through GeM**

University is procuring all equipment and services through GeM portal from August 2018.
12.10 Knowledge of Centre – Anna University

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<td>Anna University Payment Gateway (AUPaG)</td>
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<tr>
<td>4</td>
<td>Name of the Contact Person</td>
<td>Dr. D. George Washington</td>
</tr>
<tr>
<td>5</td>
<td>Contact Address</td>
<td>Knowledge Data Centre</td>
</tr>
<tr>
<td>6</td>
<td>Telephone/Fax/eMail</td>
<td>+91-44-22357090</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>+91-44-22357091</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Fax : +91-44-22351956</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>E-Mail: <a href="mailto:george@aukdc.edu.in">george@aukdc.edu.in</a></td>
</tr>
</tbody>
</table>

8. Project Summary

- All application software I services rendered through online was designed and developed indigenously at KDC.

Anna University Payment Gateway (AUPaG)

- Online Student Fees collection for University Departments (UDs) and all University Colleges of Engineering (UCEs) of Anna University (16 Colleges) through Anna University Payment Gateway (AUPaG), inaugurated since December 2014.

Administrative Data Management System (ADaMS)

- Administrative Data Management System (ADaMS) which caters to GPF, defaulters list of UD and UCEs, DCB Statements preparation for all the University Departments (UDs) and all University Colleges of Engineering of Anna University in PDF form (without paper file) and CPS.
- Application for advance and part final through online mode and file approval through online (without any paper file) through ADaMS, for all employer of University Departments.
- Online admission system (to upload the certificates and verification of certificates) for UD and UCEs.
- Issue of No dues Certificate through online mode for all the University Departments (UDs) and all University Colleges of Engineering of Anna University.
- Refund of caution deposit to the students through online system for University Departments and University Colleges of Engineering.
- Refund of Post Matric Scholarship to SC/SCA/ST students for all the University Departments (UDs).
- Smart Card issuance to all students, staff and faulty of University Departments and University Colleges of Engineering, Anna University by capturing the photo at the time of admission.
- Online CL (Casual Leave) application and register maintenance.
- Issue of Transfer Certificates through online for all the University Departments (UDs) and all University Colleges of Engineering of Anna University.

9. Date of Launch of Project

Anna University Payment Gateway (AUPaG), 5th December 2014
Administrative Data Management System (ADaMS), locMay 2014
10. Geographical coverage

Within Tamil Nadu

11. Beneficiary of the Project

Students and all Staff Members of Anna University

12. Problem Statement


13. Project Objectives

- To avoid delay, waiting time particular time frame, transaction charges
- Save Time for students and parents
- To increase efficiency and morality

14. Project Scope, Approach and Methodology

- Paper Less Work and all through online mode in the process flow methods

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project

- No delay in transactions, service are available all 24 x 7, avoids paper work.
12.11 Exam PRO - Tamil Nadu Open University

1. Name of the Department: Tamil Nadu Open University
2. Status of the Host / Owner: TNOU Portal
3. Name of the Owner Organization: Registrar
4. Name of the Project: Exam PRO
5. Name of the Contact Person: COE
6. Contact Address: No.577, Anna Salai, Saidapet, Chennai 600015.
   24306645
7. Telephone/Fax/eMail: registrartnou@gmail.com

8. Project Summary
   - Admission and Examination Automation has been deployed by TNOU with an objective of bringing the entire work process of the University under an IT enabled work environment and processes connected to Admission, Approval, Staff Records, and Examination etc. The project also envisaged collection of application or requests from students through online interfaces including the fee payment eliminating the physical applications to ensure data accuracy and integrity. All the steps involved in Admission processes and the examination processes have been automated to ensure accuracy, transparency, efficiency, work standardization to ensure public satisfaction cost saving to the University.

9. Date of Launch of Project
   19/02/2018

10. Geographical coverage
    It is aimed to cover the students in Tamil Nadu as well as other states.

11. Beneficiary of the Project
    - Students, Study Centres, the staff and all the entities connected to the core activities of the University

12. Problem Statement
    Nothing to mention at this moment

13. Project Objectives
    Nothing to mention at this moment

14. Project Scope, Approach and Methodology
    - Online collection of Applications
    - Online collection of all types of fees
    - Automation of Admission Process
    - Automation of Material Dispatch to Students
    - Personnel Module
    - Examination Process Automation
    - Student Module

    The methodology is to ensure automated work processing through software driven logic to achieve efficiency in the entire core activities of the University

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project
- Digital maintenance of transacted data to be available at the touch of button.
- System enabled Report Generation
- Elimination of Error
- Ensuring Accountability
- Anytime tracking of back records for efficient disposal of issues handled by the University
### 12.12 Pre-Examination Portal - Bharathidasan University

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
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<tbody>
<tr>
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<td>2</td>
<td>Status of the Host / Owner</td>
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<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
</tr>
</tbody>
</table>

#### 8. Project Summary
The pre-examination portal acts as an information exchange platform between the affiliated colleges and the office of the Controller of Examinations.

#### 9. Date of Launch of Project
October 2014

#### 10. Geographical coverage
8 Districts

#### 11. Beneficiary of the Project
Affiliated Colleges

#### 12. Problem Statement
To reduce the delay in result processing work, a communication platform has to be established.

#### 13. Project Objectives
A web-based portal to enable data submission and delivery of services.

#### 14. Project Scope Approach and Methodology
Web-based multi-user portal that supports data entry and information delivery from multiple sources.

#### 15. Result Achieved/value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
- Delivery of Hall tickets, Examiners Panel through portal
- Instant access to information by Office of the Controller of Examinations
### 12.13 Payroll Data Submission Portal - Bharathidasan University

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the Department</td>
<td>Finance Section</td>
</tr>
<tr>
<td>2</td>
<td>Status of the Host / Owner</td>
<td>Registrar Bharathidasan University</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Registrar Bharathidasan University</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Payroll Data Submission Portal</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Finance Officer</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Palkalai Perur, Tiruchirappalli.</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>0431-2407045,2407092</td>
</tr>
</tbody>
</table>

#### 8. Project Summary

The Portal to submit the employee details, men on duty and pay roll particulars of BDU Constituent Colleges

#### 9. Date of Launch of Project

May 2018

#### 10. Geographical coverage

7 Districts

#### 11. Beneficiary of the Project

Constituent / Affiliated Colleges

#### 12. Problem Statement

To reduce the delay in salary processing work, a communication platform has to be established.

#### 13. Project Objectives

A web based portal to enable data submission, report generation

#### 14. Project Scope Approach and Methodology

Web based multi user portal that supports data entry and information delivery from multiple sources.

#### 15. Result

Achieved/value delivered to the beneficiary of the project and other district feature /accomplishment of the project

Submission of employee details online

Instant access to information by Finance Office

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**Mother Teresa Women’s University**

- Computerization and internet connectivity throughout the campus.
- National Knowledge Network (NKN) Lab – Internet Browsing Centre for all the Students from different discipline.
- e-payment facility (both regular and Distance Education)
- University online accounts
- Payment for GST, EPF and Service Providers are performed through online
- Filing and Refund of Taxes
- e-Payroll
- Remuneration for examiners.
12.13 Payroll Data Submission Portal

1. Name of the Department: Finance Section
2. Status of the Host / Owner: Registrar Bharathidasan University
3. Name of the Owner Organization: Registrar Bharathidasan University
4. Name of the Project: Payroll Data Submission Portal
5. Name of the Contact Person: Finance Officer
6. Contact Address: Palkalai Perur, Tiruchirappalli.
7. Telephone/Fax/eMail: 0431-2407045, 2407092
8. Project Summary: The Portal to submit the employee details, men on duty and payroll particulars of BDU Constituent Colleges
9. Date of Launch of Project: May 2018
10. Geographical coverage: 7 Districts
11. Beneficiary of the Project: Constituent / Affiliated Colleges
12. Problem Statement: To reduce the delay in salary processing work, a communication platform has to be established.
13. Project Objectives: A web-based portal to enable data submission, report generation
14. Project Scope Approach and Methodology: Web based multi-user portal that supports data entry and information delivery from multiple sources.
15. Result Achieved/value delivered to the beneficiary of the project: Submission of employee details online

12.14 Mother Teresa Women’s University

**List of e-Governance Initiatives**

- Computerization and internet connectivity throughout the campus.
- National Knowledge Network (NKN) Lab – Internet Browsing Centre for all the Students from different discipline.
- e-payment facility (both regular and Distance Education)
- University online accounts
- Payment for GST, EPF and Service Providers are performed through online
- Filing and Refund of Taxes
- e-Payroll.
- Remuneration for examiners.
12.15 e-Governance Portal for DoTE

1. Name of the Department: Educational Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Educational Department
4. Name of the Project: eGovernance Portal for DoTE
   http://intradote.tn.nic.in
5. Name of the Contact Person: Shri Venkata Ramana Nanthan, Sr. Technical Director, NIC
   Svr.nandhan@nic.in
6. Contact Address: Director of Technical Education (dote), 53, Sardar Patel Road, Guindy, Chennai 600 025.
   044 – 22350525, tndote@gmail.com

8. Project Summary

This Portal helps the public to view the details of the Polytechnic Colleges and helps the Diploma Students to view their Course attendance details and the examination results.

9. Date of launch of the Project

01/01/2008

10. Geographical Coverage

All over Tamil Nadu

11. Beneficiary of the Project

Student, Administration

12. Project Objectives

To maintain the Profiles of the Polytechnic Colleges and the Teaching Staff online and to generate MIS Reports.

13. Project Scope, Approach and Methodology

This Portal helps the public to view the details of the Polytechnic Colleges and helps the Diploma Students to view their Course attendance details and the examination results.

14. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

Being used by all the Stakeholders for more than 9 years
Name of the Department: Educational Department
Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
Name of the Owner Organization: Educational Department
Name of the Project: eGovernance Portal for DoTE
http://intradote.tn.nic.in
Name of the Contact Person: Shri Venkata Ramana Nanthan, Sr. Technical Director, NIC
Svr.nandhan@nic.in
Contact Address: Director of Technical Education (dote), 53, Sardar Patel Road, Guindy, Chennai 600 025.
Telephone / Fax / eMail: 044 – 22350525, tndote@gmail.com

Date of launch of the Project: 01/01/2008
Geographical Coverage: All over Tamil Nadu
Beneficiary of the Project: Student, Administration
Project Objectives: To maintain the Profiles of the Polytechnic Colleges and the Teaching Staff online and to generate MIS Reports.

Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project: Being used by all the Stakeholders for more than 9 years.
13. HIGHWAYS AND MINOR PORTS DEPARTMENT

RMMS - Collection of Road asset information and condition

Results achieved / Value delivered to the beneficiary of the project and other distinct features / Accomplishments of the project

RMMS - Entire database of Highway assets namely Roads, Bridges, Culverts, Traffic census and laboratory tests results has been captured
13.1 Road Maintenance and Management System (RMMS)

1. Name of the Department: Highways Department
2. Status of the Host / Owner: Government of Tamil Nadu
3. Name of the Owner Organization: Highways Department
4. Name of the Project: Road Maintenance and Management System (RMMS)
5. Name of the Contact Person: Chief Officer(IT), Information Technology Cell
   Information Technology Cell, O/o The Director General, HRS Campus,
   Sardar Patel Road,
   Guindy, Chennai – 600025.
6. Contact Address: Information Technology Cell, O/o The Director General, HRS Campus,
   Sardar Patel Road,
   Guindy, Chennai – 600025.
7. Telephone/Fax/eMail: 044-22201029 / 04422201029 / itcellhd@gmail.com
8. Project Summary:
   A system for maintenance of Highway assets namely roads, bridges and culverts
9. Date of launch of the Project: RMMS – 2008
10. Geographical Coverage: Entire State of Tamil Nadu
11. Beneficiary of the Project: Highways department and Road accident data for other stakeholder Departments also.
12. Project Objectives:
   RMMS – For judicious planning of works based on financial availability
13. Project scope approach and Methodology:
   RMMS – Collection of Road asset information and condition
14. Results achieved / Value delivered to the beneficiary of the project and other distinct features / Accomplishments of the project:
   RMMS - Entire database of Highway assets namely Roads, Bridges, Culverts, Traffic census and laboratory tests results has been captured
### 13.2 Geographical Information System (GIS)

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Highways Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the Host / Owner</td>
<td>Government of Tamil Nadu</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Highways Department</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Geographical Information System (GIS)</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Chief Officer(IT), Information Technology Cell</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Information Technology Cell, O/o The Director General, HRS Campus, Sardar Patel Road, Guindy, Chennai 600025.</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>044-22201029/ 04422201029/ <a href="mailto:itcellhd@gmail.com">itcellhd@gmail.com</a></td>
</tr>
<tr>
<td>8</td>
<td><strong>Project Summary</strong></td>
<td>GIS – A system to spatially view RMMS data</td>
</tr>
<tr>
<td>9</td>
<td><strong>Date of launch of the Project</strong></td>
<td>GIS – June 2012</td>
</tr>
<tr>
<td>10</td>
<td><strong>Geographical Coverage</strong></td>
<td>Entire State of Tamil Nadu</td>
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<tr>
<td>11</td>
<td><strong>Beneficiary of the Project</strong></td>
<td>Highways department and Road accident data for other stakeholder Departments also.</td>
</tr>
<tr>
<td>12</td>
<td><strong>Project Objectives</strong></td>
<td>GIS – Planning and prioritization of works made easier</td>
</tr>
<tr>
<td>13</td>
<td><strong>Project Scope, Approach and Methodology</strong></td>
<td>GIS – Spatial view of road asset information in RMMS</td>
</tr>
<tr>
<td>14</td>
<td><strong>Results achieved / Value delivered to the beneficiary of the project and other distinct features / Accomplishments of the project</strong></td>
<td>GIS – Entire database of Highway assets namely Roads, Bridges, Culverts, Traffic census and laboratory tests results has been captured</td>
</tr>
</tbody>
</table>
13.3 Integrated Project, Human Resource and Finance Management System (PandFMS)

1. Name of the Department: Highways Department
2. Status of the Host / Owner: Government of Tamil Nadu
3. Name of the Owner Organization: Highways Department
5. Name of the Contact Person: Chief Officer(IT), Information Technology Cell
6. Contact Address: Information Technology Cell, O/o The Director General, HRS Campus, Sardar Patel Road, Guindy, Chennai – 600025.
7. Telephone/Fax/eMail: 044-22201029/04422201029/itcellhd@gmail.com
8. Project Summary: PandFMS – A system for automation of various process such as estimation and finance management
9. Date of launch of the Project: PandFMS – October 2014
10. Geographical Coverage: Entire State of Tamil Nadu
11. Beneficiary of the Project: Highways department and Road accident data for other stakeholder Departments also.
12. Project Objectives: PandFMS – Automation of activities involved in a project
13. Project scope approach and Methodology: PandFMS – Integrated Project and Finance management
# 13.4 Road Accident Data Management System (RADMS)

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<td>Name of the Department</td>
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<table>
<thead>
<tr>
<th>8</th>
<th>Project Summary</th>
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<tbody>
<tr>
<td></td>
<td>RADMS – A system for repository and analysis of Road accident data by three stakeholders namely Police, Highways and Transport (System developed by Highways Department and being maintained by Police Department)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9</th>
<th>Date of launch of the Project</th>
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<tbody>
<tr>
<td></td>
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<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td></td>
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<tr>
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<th>Beneficiary of the Project</th>
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<tr>
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<td>Highways department and Road accident data for other stakeholder Departments also.</td>
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<tr>
<th>12</th>
<th>Project Objectives</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>RADMS – Analyse the accident to identify the black spots and thereby improve the above.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>13</th>
<th>Project Scope, Approach and Methodology</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RADMS – Collection of road accident data and analysis on various causes of accidents.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14</th>
<th>Results achieved / Value delivered to the beneficiary of the project and other distinct features / Accomplishments of the project</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RADMS – Various types of analysis can be performed to improve the black spots</td>
</tr>
</tbody>
</table>
13.4 Road Accident Data Management System (RADMS)

1. Name of the Department: Highways Department
2. Status of the Host / Owner: Government of Tamil Nadu
3. Name of the Owner Organization: Highways Department
4. Name of the Project: Road Accident Data Management System (RADMS)
5. Name of the Contact Person: Chief Officer (IT), Information Technology Cell
6. Contact Address: Information Technology Cell, O/o The Director General, HRS Campus, Sardar Patel Road, Guindy, Chennai – 600025.
7. Telephone/Fax/eMail: 044-22201029/044-22201029/itcellhd@gmail.com

Project Summary:
RADMS – A system for repository and analysis of Road accident data by three stakeholders namely Police, Highways and Transport (System developed by Highways Department and being maintained by Police Department).

Date of launch of the Project: RADMS – 2008

Geographical Coverage: Entire State of Tamil Nadu

Beneficiary of the Project: Highways department and Road accident data for other stakeholder Departments also.

Project Objectives:
RADMS – Analyse the accident to identify the black spots and thereby improve the above.

Project Scope, Approach and Methodology:
RADMS – Collection of road accident data and analysis on various causes of accidents.

Results achieved / Value delivered to the beneficiary of the project and other distinct features / Accomplishments of the project:
RADMS – Various types of analysis can be performed to improve the black spots.
14. Home, Prohibition and Excise Department

14.1 Crime and Criminal Tracking Network and Systems (CCTNS)

1 Name of the Department: Police Department

2 Status of the Host / Owner: Government of Tamil Nadu

3 Name of the Owner Organization: Police Department

4 Name of the Project: Crime and Criminal Tracking Network and Systems

5 Name of the Contact Person: Tmt. Seema Agrawal, IPS

6 Contact Address: 95, Santhome High Road, RA Puram, Chennai 6000 28

7 Telephone/Fax/eMail: cctnstn@tn.gov.in

8 Project Summary:

Crime and Criminal Tracking Network and Systems (CCTNS) is a Mission Mode Project (MMP) under the National e-Governance Plan (NeGP) to modernize the police force and create a nation-wide networked infrastructure to track crime and criminals. The key objective is to “Make the Police functioning citizen friendly and more transparent by automating the functioning of Police Stations” and “Improve delivery of citizen-centric services through effective usage of ICT.

CCTNS in Tamil Nadu: CCTNS project covers 1541 Police stations, 372 FIR registering special units and 488 Higher offices. Manual registration of FIR, arrest card and charge sheets has been eliminated and only system generated reports are submitted to courts. Funded by Central Govt. (Rs.126.67 Cr) and partly by State Govt. (Rs. 9.9 Cr). Each Police Station is provided with Computers, Printers, Scanner, Digital Camera, UPS and Inverter which are maintained by M/s NIIT Technologies as per the agreed service level agreement. The existing contract lapses on May, 2019.

9 Date of Launch of the Project: Sep’ 2013

10 Geographical Coverage: Entire state of Tamil Nadu

11 Beneficiary of the Project: Citizens, TN Police Officers and other agencies like NCRB, Courts and Insurance Companies

12 Project Objectives:
The objectives of the Scheme can broadly be listed as follows:

a. Make the Police functioning citizen friendly and more transparent by automating the functioning of Police Stations.

b. Improve delivery of citizen-centric services through effective usage of ICT.

c. Provide the Investigating Officers of the Civil Police with tools, technology and information to facilitate investigation of crime and detection of criminals.

d. Improve Police functioning in various other areas such as Law and Order, Traffic Management etc.

e. Facilitate Interaction and sharing of information among Police Stations, Districts, State/UT headquarters and other Police Agencies.

f. Assist senior Police Officers in better management of Police Force

g. Keep track of the progress of Cases, including in Courts

h. Reduce manual and redundant Records keeping

13 Project Scope Approach and Methodology:

a. Stakeholders of Project:
   i. NCRB – Central Nodal Agency
   ii. SCRB – State Implementation Agency
   iii. NIC – Software Developer
14.1 Crime and Criminal Tracking Network and Systems (CCTNS)

1 Name of the Department: Police Department
2 Status of the Host / Owner: Government of Tamil Nadu
3 Name of the Owner Organization: Police Department
4 Name of the Project: Crime and Criminal Tracking Network and Systems
5 Name of the Contact Person: Tmt. Seema Agrawal, IPS
6 Contact Address: 95, Santhome High Road, RA Puram, Chennai 600028
7 Telephone/Fax/eMail: cctnstn@tn.gov.in

8 Project Summary

Crime and Criminal Tracking Network and Systems (CCTNS) is a Mission Mode Project (MMP) under the National e-Governance Plan (NeGP) to modernize the police force and create a nation-wide networked infrastructure to track crime and criminals. The key objective is to “Make the Police functioning citizen friendly and more transparent by automating the functioning of Police Stations” and “Improve delivery of citizen-centric services through effective usage of ICT.

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9 Date of Launch of the Project

Sep’ 2013

10 Geographical Coverage

Entire state of Tamil Nadu

11 Beneficiary of the Project

Citizens, TN Police Officers and other agencies like NCRB, Courts and Insurance Companies

12 Project Objectives

The objectives of the Scheme can broadly be listed as follows:

a. Make the Police functioning citizen friendly and more transparent by automating the functioning of Police Stations.

b. Improve delivery of citizen-centric services through effective usage of ICT.

c. Provide the Investigating Officers of the Civil Police with tools, technology and information to facilitate investigation of crime and detection of criminals.

d. Improve Police functioning in various other areas such as Law and Order, Traffic Management etc.

e. Facilitate Interaction and sharing of Information among Police Stations, Districts, State/UT headquarters and other Police Agencies.

f. Assist senior Police Officers in better management of Police Force

g. Keep track of the progress of Cases, including in Courts

h. Reduce manual and redundant Records keeping

13 Project Scope Approach and Methodology

a. Stakeholders of Project

i. NCRB – Central Nodal Agency

ii. SCRIB – State Implementation Agency

iii. NIC – Software Developer
iv. NIIT Technologies Ltd. – Hardware System Integrator
v. BSNL – Network Connectivity provider
vi. PwC - SPMU
vii. Citizens/ Citizens groups
viii. State Police Department
ix. External Departments of the State such as Courts, Passport Office, Transport Department, Hospitals etc.
x. Non-Government/Private sector organizations

b. Project components

a. Development of State CAS and Citizen - centric services
b. Infrastructure management services
c. Data migration and Digitization
d. Integration with other applications
e. Capacity building and Training
f. Operations and maintenance

The scope of the CCTNS project has been further enhanced to integrate the Police data with other pillars of the criminal justice system namely- Courts, Prisons, Prosecution, Forensics and Finger Prints and accordingly a new system- “Integrated Criminal Justice System (ICJS)” has been developed.

14 Results achieved/value delivered to the beneficiary of the project and other distinct features/accomplishments of the project

i. Automation at the PS level:

1. System Generated Reports:

As per the directions of the Hon’ble High Court of Madras, the following has been implemented:

a. System generated FIR: FIRs in all 1913 FIR registering units in Tamil Nadu are entered on CCTNS and system generated FIRs only are being sent to courts since 15.04.2016
b. System generated Arrest Card: Since 06.02.2017, all arrests are being made on CCTNS only.
c. System Generated Charge Sheets: Since 02.10.2016, all charge sheets are generated through the system and submitted in Courts.

All the above system generated reports are in Integrated Investigation Form (IIF) format prescribes by NCRB and approved by the Govt. of Tamil Nadu. These reports form the basis for all services offered on CCTNS platform.

ii. CCTNS Officers’ Portal:

The data concerned to the Police officers can be accessed through the Officers portal (www.eservices.tnpolice.gov.in/CCTNSNICSDC/Login). There are CERTAIN querying facilities which will be helpful for the officers in improved delivery of police services. Some of the important facilities available on the Officers Portal are as follows:

i. Dashboard – DSR, Case pendency, NBW pendency can be viewed
ii. Case Progress – Monitor the progress in cases
iii. Review Reports and Statements – Reports can be generated as per the Crime Review pattern.

iv. State-wide Queries:

a) Accused Name Search – Check involvement of a person in any crime across the State.
b) Vehicle Search – Check if a vehicle is found in police records.
c) Accused Photo Gallery Search – Generate a photo album for any type of offence.
d) Advanced NBW Search – To know NBW pending in the jurisdiction and NBWs against persons residing in the jurisdiction.
e) MO Search – Search for similar MOs reported across the State.
f) Section of Law Search – Search for similar sections of law reported across the State.
g) Generic Query – Search based on multiple parameters like physical features, case type, sub case type, sections of law, Languages known, Occupation, Character Assumed etc.

v. **Missing Person Search Tool:** It is an advanced tool that has been given as an aid to the investigating officers in detection of Missing persons and UIDB cases. This Missing person search tool has been given on the Officers’ Portal for use by all Officers irrespective of rank since Dec 2017. Using data online around 667 missing persons have been detected in total as on 12.09.2018.

vii. Know Any FIR – To know details of any case.

iii. **Mobile Apps on CCTNS Platform:**

**Mobile Apps for Officers**

**Implementation:** Since 2nd Oct, 2016

**Introduction:** Tamil Nadu police has developed a native android mobile app for use by officers of the rank of SHOs to ADGPs which enables to access the CCTNS data of their respective jurisdiction from their mobile phones.

**Key Stakeholders:** All officers of and above the rank of SHOs.

**Features**

✓ It provides information about cases reported yesterday and today, pendency of cases and NBWs, upcoming sessions cases for trial and know any FIR on real time basis.

iv. **Mobile App for Station level officers**

**Implementation:** Since 26.07.2018

**Introduction:** Tamil Nadu Police has developed a mobile app for use by Station level officers also which provides access to state-wide data on crimes and criminals. This app is very helpful while conducting vehicle checks, beat patrolling and other field level policing activities.

**Key Stakeholders:** All SIs/SSIs of TN Police

**Key benefits:** The mobile app has been launched with two facilities namely, Accused Name Search and Vehicle Search.

a. **Accused name search:** Through the Accused Name Search option, verification of involvement of any individual in any crime can be tracked easily.

b. **Vehicle search:** This facility helps the officers in field to verify if a vehicle is a stolen one or if it is involved in any crime anywhere in the State.

v. **Citizen portal**

**Introduction:** Tamil Nadu Police is providing a number of online services to the Citizens through their website (www.eservices.tnpolice.gov.in). Further, citizens can avail all the services through CSCs also. This has transformed the way citizens interact with Police for availing certain services making it easy and hassle free.

**Key Highlights:** Following online services have been provided to Citizens through the Tamil Nadu Police website.
a. **Sharing of road accident case documents:** This facility has been developed to help victims of road accident cases get their insurance claims settled expeditiously. The users get access to the documents based on their mobile number registered with the police during the course of investigation. A nominal fee of Rs. 20/- per document is being charged that is payable online using standard modes of payment like Credit Card / Debit Card / Net Banking.

This facility has been extended to MCOP Courts, Insurance Companies, State Transport Corporations and State/District legal Services Authorities as well.

Thus, Tamil Nadu Police has implemented all categories of e-governance services like G2G, G2B and G2C.

b. **Lost Document Report:** Citizens can report online the loss of following documents:
   
i. Passport
   
ii. Vehicle Registration Certificate
   
iii. Driving License
   
iv. School/College Certificate
   
v. ID card.

Once a complaint is lodged, a Lost Document Report is generated instantly. This document can be submitted to the concerned authority for issuance of duplicate of the lost document.

c. **Online complaint registration:** A citizen can lodge a complaint to the police sitting in the comfort of his home through this facility.

d. **Viewing the status of FIR, CSR and Online complaints:** Citizen can track the status of his/her online complaint/FIR/CSR through the website.

e. **Vehicle search:** Citizens who want to buy a used vehicle can ascertain if the vehicle they intend to buy is involved in any accident or is a stolen vehicle.

f. **View FIR:** The citizen can view/download any of the FIRs registered in the police stations on and after 15.11.2016 except those of sensitive nature.

g. **Details of arrested persons:** The details of persons arrested in any Police Station across Tamil Nadu can be viewed by citizens.

h. **SMS services:** SMS is sent to citizens for the following services:

1. Registration and disposal of Online Complaints
2. Disposal of FIRs
3. Disposal of CSRs
4. Arrest intimation to relative of the accused
5. SMS to witnesses on receipt of summons from the courts.
6. Information to the complainants of road accident cases about eligibility for compensation

i. **Missing persons and unidentified dead bodies search:** Once a case of missing person is registered on CCTNS, the photo and other details are available for viewing by the citizens on the website. Similarly, the information of unidentified dead bodies is also available on the website. By utilizing this facility, citizens can search for their loved ones.

j. **Found by NGOs:** Details of mentally challenged persons who are lodged in any licensed NGO in the State is available for view of Citizens. This facility can also be used to search for their loved ones who have gone missing.

vi. **Mobile App for Citizens:**
As a part of m-governance initiative, 5 citizen services (c), (d) and (e) given above have been provided through an android based mobile application namely “TN Police Citizen Services”. This app can be downloaded by the Citizens through the website / Google Play store.
1. Name of the Department: Directorate of Vigilance and Anti-Corruption
2. Status of the Host / Owner: Live (Online)
3. Name of the Owner Organization: Confidential Branch, DVAC
4. Name of the Project: C-Branch Automation
5. Name of the Contact Person: SHAHUL HAMEED .S
6. Contact Address: Directorate of Vigilance and Anti-Corruption, Server Room, No.293, MKN Road, Alandur, Chennai-16
7. Telephone/Fax/Email: 044-2231 0989, 2234 2142
8. Project Summary: Automate the Confidential Branch work flow such as Tapal, Petition, NOC, etc.
9. Date of launch of the project: May 2012
10. Geographical Coverage: Within DVAC through Local Area Network (LAN) and Detachments through Virtual Private Network (VPN).
11. Beneficiary of the Project: DVAC
12. Problem Statement:
13. Project Objectives: To minimize the Time, Paper works, Man Power, File Managements, Digitalize the office records, Monitoring pending court cases.
15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project: Generating reports, NOC, tracking and monitoring tapals and petitions, pending case status through Automation Software.
14.2 C-Branch Automation - Directorate of Vigilance and Anti-Corruption

1. Name of the Department: Directorate of Vigilance and Anti-Corruption
2. Status of the Host / Owner: Live (Online)
3. Name of the Owner Organization: Confidential Branch, DVAC
4. Name of the Project: C-Branch Automation
5. Name of the Contact Person: SHAHUL HAMEED .S
6. Contact Address: Directorate of Vigilance and Anti-Corruption, Server Room, No.293, MKN Road, Alandur, Chennai-16
7. Telephone/Fax/Email: 044-2231 0989, 2234 2142

8. Project Summary:
Automate the Confidential Branch work flow such as Tapal, Petition, NOC, etc.

9. Date of launch of the project:
May 2012

10. Geographical Coverage:
Within DVAC through Local Area Network (LAN) and Detachments through Virtual Private Network (VPN).

11. Beneficiary of the Project:
DVAC

12. Problem Statement:
-

13. Project Objectives:
To minimize the Time, Paper works, Man Power.
File Managements
Digitalize the office records
Monitoring pending court cases

14. Project scope Approach and Methodology:
Web application with open source platform – Server Client.

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:
Generating reports, NOC, tracking and monitoring tapals and petitions, pending case status through Automation Software.
### 14.3 List of e-Governance Initiatives / Innovations carried out at TASMAC

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<tbody>
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<td>3.</td>
<td>Name of the Owner Organization</td>
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<td>4.</td>
<td>Name of the Project</td>
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<td>5.</td>
<td>Name of the Contact Person</td>
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<td>6.</td>
<td>Contact Address</td>
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<td>Telephone/Fax/Email</td>
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**8. Project Summary:**

Developed and implemented GST Invoicing System for creation of various documents for different transactions such as Tax Invoice, Bill of Supply, Receipt Voucher, Refund Voucher, Self-Generated Invoice for Reverse Charge, Payment voucher, Credit Note and Debit Note/Supplementary Invoice.

**9. Date of launch of the project:**

01.07.2017

**10. Geographical Coverage:**

5 SRM offices, 38 Dist. Manager's Offices, 43 Depots and Head Office of TASMAC

**11. Beneficiary of the Project:**

TASMAC

**12. Problem Statement:**

Manual processing of GST transactions at various offices of TASMAC and Compilation of the data at the Head office of TASMAC for GST Filing is very tedious and time consuming process.

**13. Project Objectives:**

Main objective of the GST Invoicing System is to facilitate the entry of GST transactions at various offices of TASMAC through Online and reduce the errors involved in the transactions. Maintain complete workflow for GST Filing.

**14. Project scope Approach and Methodology:**
Developed Online Application for GST Invoicing by all stakeholders and automated consolidation of transactions at TASMAC head office for GST return filing and payment.

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:

1. Standardization of Formats for all offices of TASMAC
2. Covers complete workflow of GST Invoicing process through the online system.
3. Complete transparency in the process.
4. Facilitates easy Filing of GST Returns on time and payment.
14.4 e-Payment System for Prohibition and Excise

1. Name of the Department: Prohibition and Excise Department, Tamil Nadu
2. Status of the Host / Owner: Prohibition and Excise Department, Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Prohibition and Excise, Tamil Nadu
4. Name of the Project: e-payment System
5. Name of the Contact Person: Joint Commissioner – II
6. Contact Address: O/o Prohibition and Excise Department Ezhilagam Annex building Chepauk, Chennai 600 005 Shri L Ramdass, Senior Technical Director, NIC l.ram@nic.in
7. Telephone/Fax/eMail: jcmr2.cpe@tn.gov.in, Mob: 6383514226

8. Project Summary
   • E-payment System developed and implemented for Prohibition and Excise Department to enable the Liquor Licence Holders to pay the Duties, Licence fees and other Fees through online Payment.

9. Date of Launch of Project
   February 2015

10. Geographical coverage
    • All over Tamil Nadu

11. Beneficiary of the Project
    • All Liquor Licence holders like Hotels, Clubs, IMFL, Distilleries, Labs etc

12. Problem Statement
    • Licence Holders need to visit Excise Department for the payment of Duties, Licence fees and other Fees

13. Project Objectives
    • To enable online payment of fee and duties by Liquor Licence Holders

14. Project Scope, Approach and Methodology
    • Web based Online e-Payment has been developed with e-Payment integration

15. Result Achieved/value delivered to the beneficiary of the project and other district feature /accomplishment of the project
    • An average e-Payment collection using this System is Rs. 450 Crore per Month.
    • Automatic Reconciliation of e-payment Transaction with e-Scroll
1. Name of the Department: Prohibition and Excise Department, Tamil Nadu
2. Status of the Host/Organizer: Prohibition and Excise Department, Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Prohibition and Excise, Tamil Nadu
4. Name of the Project: e-payment System
5. Name of the Contact Person: Joint Commissioner – II
6. Contact Address: O/o Prohibition and Excise Department, Ezhilagam Annex building, Chepauk, Chennai 600 005
7. Telephone/Fax/eMail: Jcmr2.cpe@tn.gov.in, Mob: 6383514226
8. Project Summary: e-payment System developed and implemented for Prohibition and Excise Department to enable the Liquor Licence Holders to pay the Duties, Licence fees and other Fees through online Payment.
9. Date of Launch of Project: February 2015
10. Geographical coverage: All over Tamil Nadu
11. Beneficiary of the Project: All Liquor Licence holders like Hotels, Clubs, IMFL, Distilleries, Labs etc
12. Problem Statement: Licence Holders need to visit Excise Department for the payment of Duties, Licence fees and other Fees
13. Project Objectives: To enable online payment of fee and duties by Liquor Licence Holders
14. Project Scope, Approach and Methodology: Web based Online e-Payment has been developed with e-Payment integration
15. Result Achieved/value delivered to the beneficiary of the project: An average e-Payment collection using this System is Rs. 450 Crore per Month, Automatic Reconciliation of e-payment Transaction with e-Scroll
15. HOUSING AND URBAN DEVELOPMENT DEPARTMENT

Project Summary

The project is implemented to collect the Rent from the allottees residing in Board's rental quarters by online payments.

Date of launch of the Project

01.06.2017

Geographical Coverage

Tamil Nadu

Beneficiary of the Project

Public

Project Objectives

The project is implemented as a web based e-commerce portal for the collection of Board's rent.

Project Scope, Approach and Methodology

Scope: Revenue Collection

Approach: Through online

Methodology: Through Payment Gateway

Results achieved / Value delivered to the beneficiary of the project and other distinct features / Accomplishments of the project

In 2017-18 = Rs.204.04 Lakhs has been collected (board's Rent)
15.1 Board’s Rental Collection

1 Name of the Department: Housing and Urban Development Department
2 Status of the Host / Owner: Tamil Nadu Housing Board
3 Name of the Owner Organization: Tamil Nadu Housing Board
4 Name of the Project: Board’s Rental Collection
5 Name of the Contact Person: Superintending Engineer (Head Quarters)
6 Contact Address: Tamil Nadu Housing Board
   493, Anna Salai, Nandanam, Chennai-35
7 Telephone/Fax/eMail: Telephone:044 24352291
   Mail: tnhbhocomputer@gmail.com
8 Project Summary

The project is implemented to collect the Rent from the allottees residing in Board’s rental quarters by online payments.

9 Date of launch of the Project
01.06.2017

10 Geographical Coverage
Tamil Nadu

11 Beneficiary of the Project
Public

12 Project Objectives
The project is implemented as a web based e-commerce portal for the collection of Board’s rent.

13 Project Scope, Approach and Methodology
Scope: Revenue Collection
Approach: Through online
Methodology: Through Payment Gateway

14 Results achieved / Value delivered to the beneficiary of the project and other distinct features / Accomplishments of the project
In 2017-18 = Rs.204.04 Lakhs has been collected (board’s Rent)
15.2 Tamil Nadu Government Servants’ Rental Housing Scheme (TNGRHS)

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Housing and Urban Development Department</th>
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<tbody>
<tr>
<td>2</td>
<td>Status of the Host / Owner</td>
<td>Tamil Nadu Housing Board</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Tamil Nadu Housing Board</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Tamil Nadu Government Servants Rental Housing Scheme (TNGRHS)</td>
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<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Superintending Engineer (Head Quarters)</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Tamil Nadu Housing Board</td>
</tr>
<tr>
<td></td>
<td></td>
<td>493, Anna Salai, Nandanam, Chennai-35</td>
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<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>Telephone:044 24352291</td>
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<tr>
<td></td>
<td></td>
<td>Mail: <a href="mailto:tnhbhocomputer@gmail.com">tnhbhocomputer@gmail.com</a></td>
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<td>8</td>
<td><strong>Project Summary</strong></td>
<td>This has to be implemented as web portal, which enables to the allotment and rent recovery for the TNGRHS.</td>
</tr>
<tr>
<td>9</td>
<td><strong>Date of launch of the Project</strong></td>
<td>Under implementation</td>
</tr>
<tr>
<td>10</td>
<td><strong>Geographical Coverage</strong></td>
<td>Tamil Nadu</td>
</tr>
<tr>
<td>11</td>
<td><strong>Beneficiary of the Project</strong></td>
<td>Government Servant/Public</td>
</tr>
<tr>
<td>12</td>
<td><strong>Project Objectives</strong></td>
<td>This project has to be implemented for allotment and rent recovery from the Government Servants.</td>
</tr>
<tr>
<td>13</td>
<td><strong>Project scope approach and Methodology</strong></td>
<td>Scope: Monitoring of recovery (Under Implementation)</td>
</tr>
</tbody>
</table>
### 15.3 Hire Purchase and Self-finance Schemes

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<td>Tamil Nadu Housing Board</td>
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<td>4</td>
<td>Name of the Project</td>
<td>Hire Purchase and Self-finance Schemes</td>
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<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Superintending Engineer (Head Quarters)</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Tamil Nadu Housing Board 493, Anna Salai, Nandanam, Chennai-35</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>Telephone:044 24352291  Mail: <a href="mailto:tnhbhocomputer@gmail.com">tnhbhocomputer@gmail.com</a></td>
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</tbody>
</table>

**Project Summary**

This project is under FRS level. This is for the allotment of hire purchase and self-finance schemes and revenue collection for the same.

**Date of launch of the Project**

Under FRS (Functional Requirement Specification) level

**Geographical Coverage**

Tamil Nadu

**Beneficiary of the Project**

Public

**Project Objectives**

This is for the allotment of hire purchase and self-finance schemes and revenue collection for the same

**Project scope approach and Methodology**

**Scope:**

- Hire-Purchase Basis Revenue Collection
- Outright Basis Revenue Collection
- Self-Finance Scheme Revenue Collection
  (Under FRS level)
## 15.4 Directorate of Town and Country Planning - e-Governance

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<td>1</td>
<td>Name of the Department</td>
<td>Directorate of Town and Country Planning</td>
</tr>
<tr>
<td>2</td>
<td>Status of the host / Owner</td>
<td>Tamil Nadu State Data Centre</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Department of Town and Country Planning</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>E-Governance</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>S. Inbasekaran</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Directorate of Town and Country Planning Planning, 807, Anna Salai, Chennai 600 002.</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / eMail</td>
<td>044-2852 1115, 044-28520582, <a href="mailto:projectdtcp@tn.gov.in">projectdtcp@tn.gov.in</a></td>
</tr>
</tbody>
</table>

### 8. Project Summary

**Land use Information System**

Online building plan permission issued.

Linked with single window portal of MSME and Guidance Bureau Portal

Implementation of special projects

1. Education institutional building concurrence.
2. Plot regularization scheme

### 9. Date of launch of the Project

- Building plan permission 20-09-16
- Regularization of Layouts - 22.05.17
- Concurrency of education buildings - 13.07.18

### 10. Geographical Coverage

DTCP Area (other than CMDA area)

### 11. Beneficiary of the Project

Public

### 12. Problem Statement

NIL

### 13. Project Objectives

Planning permission, application process and disposal, online submission - all communications through electronic mode.
Land use information system for DTCP planning area. This facility is created for the public to verify the land use and other details like CRZ etc. through the website.

Integration of single window portal- for speedy industrial building approval

**Special schemes** -

- Regularization of layouts and buildings
- Concurrence for Education institutional buildings

14. **Project Scope, Approach and Methodology**

The scope of the project is offering end to end solutions

Time bound issue of planning permission

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project**

Total number of application received for regularization of plots and layout through online — 435,556

School concurrence scheme applications received through online — 1131

Number of viewers to land use systems — 6428

Total number of applications received for planning permission received online - 5418

Number of viewers of land use system - 6428

Building regularization scheme total applications received - 140
15.5 Land Use Information System (LUIS)

1. Name of the Department: Chennai Metropolitan Development Authority
2. Status of the Host / Owner: Chennai Metropolitan Development Authority
3. Name of the Owner Organization: Chennai Metropolitan Development Authority
4. Name of the Project: Land Use Information System (LUIS)
5. Name of the Contact Person: Ms. Gowri
6. Contact Address: No. 1, Gandhi Irwin Road, 'Thalamuthu Natarajan Building' Egmore, Chennai-600008.
7. Telephone/Fax/Email: Telephone No.: 28414855 extn:244 email id: mscmda@tn.gov.in

8. Project Summary:

Land Use information System (LUIS) is a Web-enabled application software service to the Public was developed by NIC. This facility supports the public by providing information relating to Second Master Plan (SMP) Land use for the specific survey numbers and other information of Street Alignment (SA), Coastal Regulation Zone (CRZ), Redhills Catchment Area (ASI) sites etc., The above information can be viewed and retrieved for the entire village also with specific query. This facility can also support super-imposing of (i) Google Streets, (ii) Google Satellite, (iii) Google Hybrid and (iv) Open street Map layers over the land use map and the Public can view and retrieve the details exactly as per their requirement.

9. Date of launch of the project:

15.02.2016

10. Geographical Coverage:

The LUIS is available for the entire Chennai Metropolitan Area (CMA) excluding the areas falling in Detailed Development Plan (DDP) to an extent of about 100 sq.km area (8.50%). The remaining area within CMA is 1089 sq.km (92.50%) has been covered.

11. Beneficiary of the Project:

General Public

12. Problem Statement:

-

13. Project Objectives:

To provide survey number-wise Land Use details for Online Submission of Planning Permission Application.

14. Project Scope, Approach and Methodology:

The Application was developed by NIC.
15. Results achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project:

Public can view the Land Use details online from their place and need not come to CMDA in person.
### 15.6 Web-enabled Online Planning Permission Application Submission, Processing and Disposal

1. Name of the Department
   - Chennai Metropolitan Development Authority
2. Status of the Host / Owner
   - Chennai Metropolitan Development Authority
3. Name of the Owner Organization
   - Chennai Metropolitan Development Authority
4. Name of the Project
   - Web-enabled Online Planning Permission Application Submission, Processing and Disposal
5. Name of the Contact Person
   - Thiru. Kamal
6. Contact Address
   - No. 1, Gandhi Irwin Road, ‘Thalamuthu Natarajan Building’ Egmore, Chennai-600008.
   - Telephone No.: 28414855 extn:244
   - email id: mscmda@tn.gov.in

8. Project Summary:

   ‘Web-enabled Online Planning Permission Application Submission, Processing and Disposal’ Software enables the public to apply the Planning Permission Application (PPA) through online and can track the status of Processing of PPA.

9. Date of launch of the project:
   - 11.10.2017

10. Geographical Coverage:

    The entire Chennai Metropolitan Area (CMA) area to an extent of about 1189 sq.km area.

11. Beneficiary of the Project:

    General Public

12. Problem Statement:

    -

13. Project Objectives:

    Online Submission of Planning Permission Application and Transparency

14. Project Scope, Approach and Methodology:

    The Application was developed by NIC.
15. Results achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project:

Public can apply PPA online from their place and need not come to CMDA in person.
15.7 Online Filing of Plan Permission Application (PPA) for CMDA

1. Name of the Department
   Chennai Metropolitan Development Authority

2. Status of the host / Owner
   Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organization
   Chennai Metropolitan Development Authority

4. Name of the Project
   Online PPA
   https://www.ppacmda.tn.gov.in/
   Mrs. Lakshmi Praba, System Analyst, CMDA, 'Thalamuthu-Natarajan Maaligai', No.1, Gandhi Irwin Road, Egmore, Chennai 600 008

5. Name of the Contact Person
   Ms Santhi Ramamurthi, Technical Director, NIC
   santiram@nic.in
   Chennai Metropolitan Development Authority, 'Thalamuthu-Natarajan Maaligai', No.1, Gandhi Irwin Road, Egmore, Chennai 600 008

6. Contact Address
   Chennai Metropolitan Development Authority, 'Thalamuthu-Natarajan Maaligai', No.1, Gandhi Irwin Road, Egmore, Chennai 600 008

7. Telephone / Fax / eMail
   044-28414855, mscmda@tn.gov.in

8. Project Summary
   This Online system permits the general public to submit Applications for Planning Proposal and it has the complete workflow involved in the processing of the PP Applications. The Applicant is able to view the status of the Application at any point of time at his door step.

9. Date of launch of the Project
   11/10/2017

10. Geographical Coverage
    Chennai, (selected Areas of Tiruvallur, Kancheepuram districts).

11. Beneficiary of the Project
    General Public

12. Problem Statement
    A door step service to the public to submit PPA Application Online and also to make the processing more transparent.

13. Project Objectives
    A web based system has been developed to provide Online Filing of PP Applications for the public at his door step without need to visit CMDA, integration with the existing intranet based workflow system.

14. Project Scope, Approach and Methodology
    The system permits Online filing of PPA Application to get plan approval to construct a building within CMDA jurisdiction. Also speeding up the processing of application through digitized workflow.

So far 802 Applications received Online. 569 Applications verified by the CMDA and pulled into Intra-CMDA for further processing.
15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project**

So far 802 Applications received Online. 569 Applications verified by the CMDA and pulled into Intra-CMDA for further processing.
16. INDUSTRIES DEPARTMENT
16.1 ERP (Highly Integrated)

<table>
<thead>
<tr>
<th>No.</th>
<th>Information</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the Department</td>
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<td>Status of the Host / Owner</td>
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<td>4</td>
<td>Name of the Project</td>
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<td>5</td>
<td>Name of the Contact Person</td>
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<td>Contact Address</td>
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<td>Telephone/Fax/eMail</td>
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</tbody>
</table>

8. Project Summary

1. Plant information System
2. Purchase Order System
3. Inventory Management System
4. Financial Management System
5. Sales and Distribution Management System
6. Enterprise Asset Management System
7. Payroll Process Management System
8. Leave Management System
11. ESB-Dashboard

9. Date of Launch of Project
09-03-2011

10. Geographical coverage
Application hosted in TNSWAN (INTRANET)

11. Beneficiary of the Project
TANCEM

12. Problem Statement
- No Tracking of Purchase Request
• No Data capturing at Road and Railway Weigh Bridge
• No Data Entry of Raw Materials D Weekly
• No system to identify the damaged stocks across the chain and initiate action in a timely manner
• Most of the entries are done manually arc not through system
• No Item history for previous Purchases in the system
• Rail Weigh Bridge works as a standalone system
• Road Weigh Bridge works as a standalone system and data is not captured correctly
• Road / Rail Weigh Bridge details to be integrated with the existing system
• Item Codification is not categorized and not common across the plants.
• There is no integration of GR with Raw Material Purchase order
• Lab Results is not integrated with Ravi. Material GR’S
• Physical verification of Stock is too complicated
• User Request or Material Request is raised by the user without knowing the availability of the stock.
• The user department is handling the repair request and doing the follow up for the same

13. Project Objectives
• Quick Decision Making as the information is available real time
• 360 ° view and Better financial control communicates with systems running on heterogeneous platforms

14. Project Scope, Approach and Methodology
• To integrate all ERP modules (Corporate Office, all manufacturing units and Marketing Regional offices)
  Generated dashboards to display production/ sales / Financial status in real time to the MD and top officials.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project
• All entries entered through inventory management system
• Items separated as Stock and Direct Debit
• Integration of all the sub systems which were done manually
• Separate Repair Order System (a sub system of inventory management system)
• New Item code generation through inventory management system
• The Organization will achieve an inventory record accuracy (book stocks correctly reflecting physical stocks)
• Turnover time of purchase has come down.
• Maintain minimum stock level
• Consolidated NUS view of stock across all the plants
• Effective utilization of stock between all the plants
• Net weight cannot be modified at any point of time, as Inventory Management System is directly integrated with the weigh bridge
• Captures the moisture, purity, etc and will make sure the bill is passed as per purchase terms.
• Facility to pass the Transporter Supplier Bills is available
• Current Stock Value can be taken at -7- point
• Tracking of Purchase Request to Bill FS details will be provided
• Repair Details are routed thro stores department for better control
• Material, Transport and Other Cost can maintained separately
• Structured codification of inventor/ resulted in decreasing the number of items in stores, thereby enabling operation of virtual inventory and reducing inventory holding cost
• Ability to track quantity and of all materials
• Ease of performing physical inventory checks
• Optimization of Store resources
• Increased supply chain efficiency
• Fewer unavailability surprises due to real-time access of item availability
• Increased job efficiency of purchase department with reduction in time for creation and tracking of purchase orders.
• Improvements in Lead time adjustments in procurement
• All type of MIS reports
• Raw Material, Fuel and Consumption on a daily basis
• Production of the process material on a daily basis
• Power Consumption, section wise and feed into the system on a daily basis
• The system will generate the stock status of all the Raw Material, Fuel and Process Material.
• Provision is provided for Process per Ton of Cement in various processes. Provides Quantity and Quality statistics
• The Ratio Analysis helps to study the production and performance trends.
• Production Statistics on Stock Levels
• Inspection/Quality Reports
• Equipment Performance
  o Stoppage Analysis
  o Trend analysis of key cost parameters.
  o Power consumption
• Ratio Analysis
• Also integrated with Lab to maintain the various Lab analysis details of the process material (i.e. LsF, C2S, C3S, etc in clinker production)
1.6.2 Plant Integration and Performance Improvement System

1. Name of the Department: Industries Department
3. Name of the Owner Organization: Tamil Nadu Cements Corporation Limited
4. Name of the Project: Plant Integration and Performance Improvement System
5. Name of the Contact Person: Kannan Ja.R
6. Contact Address: EDP-IT Department, Tamil Nadu Cements Corporation Limited, LLA Buildings, 2nd floor, 735 Anna Salai, Chennai-600002.
7. Telephone/Fax/eMail: 044-28522014, 044-28523991, edp@tancem.com

8. Project Summary
   - Complete plant performance optimization of 2 line
   - Kiln Section
   - Mill Section (Raw mill and cement mills)

9. Date of Launch of Project: 20-07-2011

10. Geographical coverage
    - TNSWAN and VPN

11. Beneficiary of the Project: TANCEM

12. Problem Statement
    - Lack of Integration between the plant and corporate office with the ERP for all production, inventory and maintenance related parameters
    - Quality control and Performance Efficiency

13. Project Objectives
    To improve the plant performance efficiency in terms of production improvement and reduction in specific Energy Consumption (SEC) with respect to coal as per the expected and guaranteed figures

14. Project Scope Approach and Methodology
    - Provided a system that integrates both the cement manufacturing lines end-to-end from weighbridge to the packing plant with the corporate ERP server situated 300 miles away from the plant.
    - Generated dashboards to display production status in real time to the CMD and the technical department of the Corporate office.
    - Automated the Quality control and the Kiln, Mill operations

15. Result Achieved/value delivered to the beneficiary of the project and other district feature /accomplishment of the project
    - Accurate real time information of raw material consumption – Quality and quantity.
    - Better Quality control
• 3% increase in productivity
• 4% reduction in the Specific Power consumption.
• Less than 1 year Return on Investment.
### 16.3 Amma Cement Supply Scheme – Supply Chain Management

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<td>Name of the Contact Person</td>
</tr>
</tbody>
</table>
| 6 | Contact Address                                                  | EDP-IT Department  
Tamil Nadu Cements Corporation Limited,  
LLA Buildings, 2nd floor, 735 Anna Salai,  
Chennai-600002. |
| 7 | Telephone/Fax/eMail                                              | 044-28522014, 044-28523991,  
edp@tancem.com |

#### 8. Project Summary

Implementation of Highly integrated web application for Supply Chain Management System comprising Finance, Purchase, Sales, Supplier and Godown for Amma Cement Supply Scheme.

#### 9. Date of Launch of Project

24-06-2017

#### 10. Geographical coverage

Application hosted in cloud and is accessible from any part of the world.

#### 11. Beneficiary of the Project

Nodal Office – Scheme Monitoring Officers, District Level – Scheme Monitoring Officers, Godown Users, Cement Suppliers, Scheme Beneficiaries

#### 12. Problem Statement

- Delay in knowing the status of their supply.
- Only option for enrolment is to visit the godown or warehouses in person for Registration process.
- Difficulty in knowing the pending quantity against purchase orders and tracking details of despatches from suppliers.
- Difficulty in consolidating the Purchase Requests from Godowns / Warehouses.
- Difficulty in analysing the individual godown wise demand position at any point of time.
- Difficulty in arriving supplier wise cement bags allocation for various godowns.
- Difficulty in knowing the DD collection and deposit status.
- Non availability of Dash Boards and MIS reports for analysis and decision making purpose.

#### 13. Project Objectives

- Improve the quality of AMMA Cement Supply scheme deliverables and offer these services with optimal effectiveness and transparency.
- Allow data sharing across different department thus, bringing about the efficiency in administration functioning.
- Facilitate the decision making, process of top management by furnishing, the right information at right time.
- Harness the use of technology to create sense of achievement amongst employees and Beneficiaries.
- Integration and rollout out beneficiary
- service delivery platforms like e-Seva Online, Web registration and direct registration at the godowns.
- Improving godown centre's efficiency and citizen friendliness.
- Improve and automate backend procedures in Line Departments and improve their integration with frontend interfaces.
- Developing a more responsive decision making system.
- Effective implementation for various communication channels to inform the stakeholders via features like SMS Alerts, emails.
14. **Project Scope Approach and Methodology**

- The project can be broadly divided into five modules. i.e. Purchase, Inventory, Sales, Finance and Admin.
- Purchase module takes care of Godown-Supplier Mapping, consolidation of godown wise demands, supplier wise allocation of cement and purchase order generation
- Inventory module takes care of Cement Receipts Inward, Receipts Certification/Approval, stock maintenance and generating alerts/emails.
- Sales module takes care of Customer Registration, Sale of Cement on FIFO basis to Registered Customers on receipt of payment through DD mode from them and Payment Deposits to Bank.
- Finance module takes care of Supplier Bills Entry, Bill Certification / Approval by competent authority, generation of payment advice against the respective Supplier Bill.
- Admin module takes care of role creation, user creation, user-role mapping, defining access rights and configuring Dash Boards for users.

15. **Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project**

- Beneficiary Registration through online / e-Seva Services.
- Customer Portal.
- Demand Consolidation
- Alerts and Notification at all stages to all
- Fully Integrated with All Modules
- MIS Analytics
- MIS Reports on Mobile
- Various Dashboards for top level executives.
- aadhaar Linking
- Transparency on Order and Delivery Position in MIS Dashboards on Mobile (Top Officials)
16.4 e-Solution to Tamil Nadu Salt Corporation Limited

8. Project Summary
- Software solution to automate activities happening in various depts. at Corporate Office, Chennai and factory at (MVSC) Ramanathapuram Dist.
- It is cloud enabled web based software as a Service (SaaS) model capable of handing the functionality for a list of domains in TNSC.

9. Date of Launch of Project
01-04-2018

10. Geographical coverage
- Application hosted in TNSWAN (INTRANET)

11. Beneficiary of the Project
Tamil Nadu

12. Problem Statement

13. Project Objectives
- To eliminate redundant work among inter-department for efficient governance.
- To increase operational efficiency
- To increase staff utilization
- To remove the dependency on previous employees inputs.

14. Project Scope Approach and Methodology
- The Servers hosting the e-solution application will be collocated in Tamil Nadu State data Centre(TNSDC).
- To establish a Local Area Network (LAN) in MVSC, Ramanathapuram.
- The network at Corporate office at Chennai and the MVSC, Ramanathapuram connected to the TNSDC through TNSWAN connectivity.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features/accomplishments of the project
- Project is being utilized
16.5 Power Builder Application, TIIC Website, TIIC Web-centric Application, TIIC Mobile App, TIIC Video Conferencing

1. Name of the Department: Industries Department
2. Status of the Host / Owner: TIIC / M/s. Webindia Internet Services (Chennai) Pvt. Ltd.
3. Name of the Owner Organization: The Tamil Nadu Industrial Investment Corporation Limited
   1. PowerBuilder Application
   2. TIIC Website
   3. TIIC Web-centric Application
   4. TIIC Mobile App
   5. TIIC Video Conferencing
4. Name of the Project: 1. PowerBuilder Application
   2. TIIC Website
   3. TIIC Web-centric Application
   4. TIIC Mobile App
   5. TIIC Video Conferencing
5. Name of the Contact Person: Thiru R. Kisorekumar, Assistant General Manager
6. Contact Address: The TIIC Limited, New No.692, (Old No.473), Anna Salai, Nandanam, Chennai 600 035.
7. Telephone/Fax/eMail: Telephone: 044-24306124
   Fax: +91-044-24347150
   E-mail: systems@tiic.org
8. Project Summary:
   1. PowerBuilder Application
   2. TIIC Website
   3. TIIC Web-centric Application
   4. TIIC Mobile App
   5. TIIC Video Conferencing
9. Date of Launch of Project:
   2. TIIC Website (1999-2000)
   4. TIIC Mobile App (2018)
   5. TIIC Video Conferencing (2018)
10. Geographical coverage: Tamil Nadu in particular for our customers and our country for general public.
11. Beneficiary of the Project:
   1. Organisation, Management, Staff, Customers, Statutory organization and Government and the general public.
12. Problem Statement:
   1. PowerBuilder Application – It is in de-centralized mode and outdated version of software. Hence a centralized web-centric application is under implementation from the year 2015.
   2. TIIC Website – It contains only static pages and updated periodically. A web-portal with CMS is planned.
   3. TIIC Web-centric Application – under implementation.
13. Project Objectives:
   1. To provide an up-to-date and hands-on information to the Management for effective decision-making and provide relevant data / information to our customers and the general public.
14. Project Scope, Approach and Methodology

1. PowerBuilder Application – Loan / Financial Accounting / HRM, EPF and EGF modules

2. TIIC Website – Corporate website (www.tiic.org)

3. TIIC Web-centric Application – All the functional and operational areas of the Corporation are integrated to this online application


5. TIIC Video Conferencing – Video conferencing facility to facilitate one-to-one / one-to-man meeting with the Regional / Branch Officials and Customers.

15. Result Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

1. PowerBuilder Application – 70% of the results achieved.

2. TIIC Website – 60% of the Value delivered.

3. TIIC Web-centric Application – 70% of the results Achieved.

4. TIIC Mobile App – 100 transactions per day on an average.

5. TIIC Video Conferencing – 80% Results achieved.
### 17. INFORMATION TECHNOLOGY DEPARTMENT

#### 17.1 Electronics Corporation of Tamil Nadu Limited (ELCOT) – eMarket

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<thead>
<tr>
<th>Name of the Department</th>
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<th>Name of the Contact Person</th>
<th>Thiru.R. Madhavan</th>
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<tr>
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<th>Electronics Corporation of Tamil Nadu Limited, 692, M.H.U. Complex, II Floor, Anna Salai, Nandanam, Chennai-600 035.</th>
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<td>E-Mail: <a href="mailto:gmproc@elcot.in">gmproc@elcot.in</a></td>
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</tbody>
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#### Project Summary

- Develop a shopping cart website for the products supplied by ELCOT
- Show casing the products supplied by ELCOT
- The Government departments/Organizations/Boards to be given provision to generate pro-forma for Hardware/software requirements
- Payment gateway integration through Pay Gov payment gateway.
- Complete order tracking till the delivery.
- Integrate the shopping cart website with the ERP system.

#### Date of Launch of the Project

To be launched (Under UAT).

#### Geographical Coverage

Tamil Nadu.

#### Beneficiary of the Project

Government Departments/Organizations/Boards and other government units.

#### Problem Statement

- Product Rate cards are available in PDF by category and hence viewing the details of rate/validity of the required Hardware or Software is difficult for the department.
- Delay in Proforma generation for the products to be procured from ELCOT by various government departments.
- ELCOT has to generate the Proforma after understanding and further clarification of the requirement if any required.
- Cheque/DD is sent to ELCOT for Funds transfer against the Proforma.
- No tracking system available to the customers.

#### Project Objectives

The main objective is to provide an online e-commerce portal which:

- Showcases all the products available through rate contract.
17.1 Electronics Corporation of Tamil Nadu Limited (ELCOT) – e-Market

1 Name of the Department: Electronics Corporation of Tamil Nadu Limited (ELCOT)

2 Status of the host/owner:
   - URL: http://218.248.44.52/e-Market/
   - Hosted: Server, ELCOT Nandanam
   - Status: Active

3 Name of the Owner Organization: Information Technology Department

4 Name of the Project: ELCOT e-Market

5 Name of the Contact Person: Thiru.R. Madhavan

6 Contact Address:
   Electronics Corporation of Tamil Nadu Limited,
   692, M.H.U. Complex, II Floor, Anna Salai,
   Nandanam, Chennai-600 035.
   Phone: 044-66401400 / 044-24330612
   E-Mail: gmproc@elcot.in

7 Telephone/Fax/E-Mail

8 Project Summary

Develop a shopping cart website for the products supplied by ELCOT

- Show casing the products supplied by ELCOT
- The Government departments/ Organizations/ Boards to be given provision to generate pro-forma for Hardware/ software requirements
- Payment gateway integration through Pay Gov payment gateway.
- Complete order tracking till the delivery.
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Government Departments/Organizations/Boards and other government units.

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- Product Rate cards are available in PDF by category and hence viewing the details of rate / validity of the required Hardware or Software is difficult for the department.
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- ELCOT has to generate the Proforma after understanding and further clarification of the requirement if any required.
- Cheque / DD is sent to ELCOT for Funds transfer against the Proforma.
- No tracking system available to the customers.

13 Project Objectives

The main objective is to provide an online e-commerce portal which:

- Showcases all the products available through rate contract.
• Department users can select the required hardware / software and generate pro-forma on their own.
• Pay / transfer Funds online.
• Track the status of order, supply an delivery installation, fund utilisation etc.,
• Better funds utilisation.

14 Project Scope, Approach and Methodology

Waterfall with key defined milestones

15 Results achieved/Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

• The portal displays the products catalogue along with the price and specification for easy search, compare and enable the Dept. officials to select appropriate product of their requirement
• Complete shopping cart features for the ELCOT procurement process which reduces the turnaround time.
• User-friendly dash board for monitoring supplies and payments, tracking of order, delivery and Fund utilization for the department users.
• Integration with Pay Gov – Payment Gateway.
• Dashboard to display the Proforma status, payment details, order status and fund details.

Tools/Applications and infrastructure:

<table>
<thead>
<tr>
<th>Server Environments</th>
<th>Linux</th>
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<tr>
<td>Defect Tracking</td>
<td>Defect Tracking Excel Sheet</td>
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<td>Subversion (SVN)</td>
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<td>Internal Project Management</td>
<td>Waterfall Methodology</td>
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<td>Build Stack</td>
<td>Maven</td>
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<td>Automated Builds</td>
<td>Jenkins</td>
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The Application Size:

<table>
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<tbody>
<tr>
<td>Modules</td>
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<tr>
<td>Dynamic Pages</td>
<td>110+</td>
</tr>
<tr>
<td>Java Classes</td>
<td>210+ Java classes into 10+ Packages</td>
</tr>
<tr>
<td>Source statements</td>
<td>200000+</td>
</tr>
<tr>
<td>Database Tables</td>
<td>220+</td>
</tr>
<tr>
<td>Script Files</td>
<td>100+</td>
</tr>
<tr>
<td>CSS Files</td>
<td>50+</td>
</tr>
<tr>
<td>XML Files</td>
<td>290+</td>
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<tr>
<td>Properties Files</td>
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</tr>
<tr>
<td>Configurable application parameters</td>
<td>70+</td>
</tr>
</tbody>
</table>
Department users can select the required hardware / software and generate pro-forma on their own.

- Pay / transfer Funds online.
- Track the status of order, supply & delivery, installation, fund utilisation, etc.,
- Better funds utilisation.

Project Scope, Approach and Methodology

Waterfall with key defined milestones

Results achieved/Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

- The portal displays the products catalogue along with the price and specification for easy search, compare and enable the Dept. officials to select appropriate product of their requirement
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- User-friendly dashboard for monitoring supplies and payments, tracking of order, delivery and fund utilization for the department users.
- Integration with Pay Gov – Payment Gateway.
- Dashboard to display the Proforma status, payment details, order status and fund details.

Tools/Applications and infrastructure:
- Server Environments: Linux
- Defect Tracking: Excel Sheet
- Version Control: Subversion (SVN)
- Internal Project Management: Waterfall Methodology
- Build Stack: Maven
- Automated Builds: Jenkins

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<td>Properties Files</td>
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Application Screen Shots:
1. Name of the Department: Electronics Corporation of Tamil Nadu Limited (ELCOT)
2. Status of the host/owner:
   - Hosted: Server ELCOT Nandanam Premises
   - Status: Active
3. Name of the Owner Organization: Information Technology Department
4. Name of the Project: ELCOT-ERP
5. Name of the Contact Person: Thiru.R. Madhavan
7. Telephone/Fax/E-Mail:
   - Phone: 044-66401400 / 044-24330612
   - E-Mail: gmproc@elcot.in
8. Project Summary:
   Develop a comprehensive solution to improvise the existing ERP system and to automate the current manual processes of ELCOT across various verticals.
9. Date of Launch of the Project:
   - Procurement module and e-market application integration rolled out on 01/09/2018.
   - Other Modules: UAT in progress.
10. Geographical Coverage: Tamil Nadu
12. Problem Statement:
   - Lack of flexibility and information availability in the existing system. Complex and challenging to support and maintain.
   - Existing ERP does not handle all the verticals of ELCOT.
   - Improvise the reporting system and availability of real-time information reducing the administrative and operational delays involving various stakeholders such as ELCOT, department, delivery locations, and vendors.
13. Project Objectives:
   - To deliver seamless services covering all the activities of ELCOT and address the problems, issues in the existing application and provide solutions to the gaps identified in the existing applicant and processes.
   - Processes across verticals to be automated in the proposed application, thus eliminating human errors in the paper-based manual works to establish an integrated solution.
14. Project Scope Approach and Methodology:
   - Waterfall with key defined milestones.
### 17.2 Electronics Corporation of Tamil Nadu Limited (ELCOT) – ERP

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Electronics Corporation of Tamil Nadu Limited (ELCOT)</th>
</tr>
</thead>
</table>
| 2 | Status of the host/owner | Hosted : Server ELCOT Nandanam Premises  
Status : Active |
| 3 | Name of the Owner Organization | Information Technology Department |
| 4 | Name of the Project | ELCOT-ERP |
| 5 | Name of the Contact Person | Thiru.R. Madhavan |
| 6 | Contact Address | Electronics Corporation of Tamil Nadu Limited,  
692, M.H.U. Complex, II Floor, Anna Salai,  
nandanam, Chennai-600 035. |
| 7 | Telephone/Fax/E-Mail | Phone : 044-66401400 / 044-24330612  
E-Mail : gmproc@elcot.in |

#### 8 Project Summary

Develop a comprehensive solution to improvise the existing ERP system and to automate the current manual processes of ELCOT across various verticals.

#### 9 Date of Launch of the Project

- Procurement module and e-market application integration- rolled out on 01/09/2018.
- Other Modules UAT in progress.

#### 10 Geographical Coverage

Tamil Nadu

#### 11 Beneficiary of the Project

Government Departments/Organizations/Boards, Suppliers/Vendors.

#### 12 Problem Statement

- Lack of flexibility and information availability in the existing system. Complex and challenging to Support and Maintain.
- Existing ERP does not handle all the verticals of ELCOT.
- Improvise the reporting system and availability of real time information reducing the administrative and operational delays involving various stakeholders such as ELCOT, department, delivery locations and vendor.

#### 13 Project Objectives

- Is to deliver seamless services covering all the activities of ELCOT and address the problems, issues in the existing application and provide solutions to the gaps identified in the existing applicant and processes.
- Processes across verticals to be automated in the proposed application, thus eliminating human errors in the paper based manual works to establish an integrated solution.

#### 14 Project Scope Approach and Methodology

Waterfall with key defined milestones.
15 Results achieved/Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

- Integrated environment covers core activities of various ELCOT department verticals and thus results in reducing redundancies in work, time consuming workarounds.
- Integration with ELCOT e-Market portal.

**Technology Stack:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Linux</td>
</tr>
<tr>
<td>Platform</td>
<td>JDK 1.7x</td>
</tr>
<tr>
<td>Framework</td>
<td>Spring MVC 4x</td>
</tr>
<tr>
<td>Presentation Tier Framework</td>
<td>Java J2EE</td>
</tr>
<tr>
<td>Object-Relational Mapping (ORM)</td>
<td>Hibernate 4x</td>
</tr>
<tr>
<td>Database</td>
<td>postgresql 9.1</td>
</tr>
<tr>
<td>Web server</td>
<td>Apache</td>
</tr>
<tr>
<td>Application Server</td>
<td>jBoss 7.1x</td>
</tr>
<tr>
<td>Web service</td>
<td>RESTful Web service</td>
</tr>
<tr>
<td>Scripting Technology</td>
<td>JavaScript and jQuery</td>
</tr>
<tr>
<td>UI</td>
<td>HTML 5 and CSS 3</td>
</tr>
<tr>
<td>Reports</td>
<td>Jasper Reports</td>
</tr>
<tr>
<td>Email</td>
<td>Java Mail API</td>
</tr>
</tbody>
</table>

**Tools/Applications and infrastructure:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Environments</td>
<td>Linux</td>
</tr>
<tr>
<td>Defect Tracking</td>
<td>Defect Tracking Excel Sheet</td>
</tr>
<tr>
<td>Version Control</td>
<td>Subversion (SVN)</td>
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<tr>
<td>Internal Project Management</td>
<td>Agile Methodology</td>
</tr>
<tr>
<td>Build Stack</td>
<td>Maven, JDK 1.6</td>
</tr>
</tbody>
</table>
15 Results achieved/Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

- Integrated environment covers core activities of various ELCOT department verticals and thus results in reducing redundancies in work, time consuming workarounds.
- Integration with ELCOT e-Market portal.

Technology Stack:

**Tools/Applications and infrastructure:**
- OS Linux
- Platform JDK 1.7x
- Framework Spring MVC 4x
- Presentation Tier Framework Java J2EE
- Object-Relational Mapping (ORM) Hibernate 4x
- Database postgreSQL 9.1
- Web server Apache
- Application Server jBoss 7.1x
- Web service RESTful Web service
- Scripting Technology JavaScript and jQuery
- UI HTML 5 and CSS 3
- Reports Jasper Reports
- Email Java Mail API

**Server Environments**
- Server Environments Linux

**Defect Tracking**
- Defect Tracking Excel Sheet

**Version Control**
- Subversion (SVN)

**Internal Project Management**
- Agile Methodology

**Build Stack**
- Maven, JDK 1.6

---

**Application Screen Shots:**

[Image of application screen shots]
Tamil Nadu e-Governance Agency | 229
17.3 Laptop ERP

1. Name of the Department: Electronics Corporation of Tamil Nadu Limited (ELCOT)

2. Status of the host/owner: <http://117.239.70.115/e2s/> @ SDC

3. Name of the Owner Organization: Information Technology Department

4. Name of the Project: Laptop ERP

5. Name of the Contact Person: C. S. Narayanan, GM (i/c)


7. Telephone/Fax/E-Mail: 044-66401400 / 044-24330612 / csnarayanan@elcot.in

8. Project Summary:

The Laptop ERP system captures details of all the ready to dispatch Laptops, third party inspection agencies, suppliers, schools to be distributed etc. The system is a repository of Phase-wise suppliers, TPAs, Schools, Beneficiaries, Payment processed and released etc.

9. Date of Launch of the Project:

01-09-2011

10. Geographical Coverage:

Tamil Nadu

11. Beneficiary of the Project:

ELCOT, SPI, Suppliers, Institutions and Students

12. Problem Statement:

- Manual handling of the planning, procurement, distribution of Laptops to beneficiaries was cumbersome.
- Monitoring of distribution and redistribution were difficult.
  - Scheme monitoring was difficult for the department and different stakeholders involved such as Special

13. Project Objectives:

Project Implementation (SPI) department and Institutions. The main objective is to execute the Government scheme without any hurdles by streamlining the activities involved in the procurement and delivery of Priceless Laptops to the students in a seamless way. To have a complete track on the project from the stage of issue of work order to the rate contract of vendors till the delivery to the assigned schools.

13. Project Scope, Approach and Methodology:

Waterfall with key defined milestones
15. Results achieved/Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project:

- Suppliers are benefited by proper tracking system.
- Students are benefited by the proper distribution and monitoring.
- ELCOT users are benefited by successful implementation of schemes through the data collected in the system.
- Complete data on Laptop distribution scheme is maintained online.
- MIS Reports to Government officials is provided by the system.
- Improved Planning, Procurement, Monitoring distribution, random inspection, mapping beneficiaries and redistribution.
- Comprehensive data maintenance

<table>
<thead>
<tr>
<th>Institutions</th>
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<tbody>
<tr>
<td>Schools</td>
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<tr>
<td>Arts and Science Colleges</td>
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<td>Polytechnic</td>
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<td>Engineering Colleges</td>
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</table>

Vendors : 8  Third Party Agency: 3

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<tr>
<th>Phase</th>
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<td>I</td>
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<td>II</td>
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<td>IV</td>
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<tr>
<td>V</td>
<td>459,743</td>
<td>3,188</td>
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<td>VI</td>
<td>544,614</td>
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Technology stack:
<table>
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<tr>
<th>Software</th>
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</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Linux</td>
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<td>Platform</td>
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<tr>
<td>Framework</td>
<td>Struts 1.2.9</td>
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<tr>
<td>Presentation Tier Framework</td>
<td>Java J2EE</td>
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<tr>
<td>Object-Relational Mapping (ORM)</td>
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<td>Reports</td>
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</table>
Tools/Applications and infrastructure

Server Environments  Linux  
Defect Tracking  Defect Tracking Excel Sheet  
Version Control  CVS  
Internal Project Management  Agile Methodology  
Build Stack  ANT, JDK 1.6  
Automated Builds  ANT  

The Application Size

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Size</th>
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<tbody>
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<td>Modules</td>
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<tr>
<td>Dynamic Pages</td>
<td>70+</td>
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<tr>
<td>Java Classes</td>
<td>150+ Java classes into 10+ Packages</td>
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<tr>
<td>Source statements</td>
<td>150000+</td>
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<tr>
<td>Database Tables</td>
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<td>10+</td>
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<td>XML Files</td>
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<tr>
<td>Configurable application parameters</td>
<td>50+</td>
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</tbody>
</table>
**Project Summary**

The e-Office project is one of the Mission mode Projects. e-Office is a tool of applications for conducting office procedures electronically which is expected to transform Government functioning in a more efficient manner and support quicker decision-making processes.

The e-Office product aims at supporting governance by assisting in more effective and transparent inter- and intra-Government processes.

The e-Office is built on Open Architecture which makes it a reusable framework and a standard reusable product amenable to replication across the Governments, at the Central, State and District levels.

**Date of Launch of the Project**

Implemented on March, 2016

**Geographical Coverage**

Government of Tamil Nadu

**Beneficiary of the Project**

Departments of Government of Tamil Nadu

**Project Objectives**

- Enhance transparency
- Increase accountability
- Assure data security and data integrity
- Transform the government work culture and ethics
- Promote innovation by releasing staff energy and time from unproductive procedures
17.4 e-Office - Commissionerate of e-Governance

1. Name of the Department: Commissionerate of e-Governance
2. Status of the Host / Owner: Commissionerate of e-Governance
3. Name of the Owner Organization: Commissionerate of e-Governance
4. Name of the Project: e-Office
5. Name of the Contact Person: Commissioner of e-Governance/ Joint CEO
6. Contact Address: Commissionerate of e-Governance, 5/9, Kavignar Bharathidasan Road, Alwarpet Chennai 600 018
7. Telephone/Fax/eMail: 044-2437381/ ceotnega@tn.gov.in

8. Project Summary

e-Office project is one of the Mission mode Project. e-Office is a tool of applications for conducting office procedures electronically which is expected to transform Government functioning in a more efficient manner and support quicker decision making process.

e-Office product aims at supporting governance by assisting in more effective and transparent inter- and intra-Government processes.

The e-Office is built on Open Architecture which makes it a reusable framework and a standard reusable product amenable to replication across the Governments, at the Central, State and District levels.

9. Date of Launch of the Project

Implemented on March, 2016

10. Geographical Coverage

Government of Tamil Nadu

11. Beneficiary of the Project

Departments of Government of Tamil Nadu

12. Project Objectives

- Enhance transparency
- Increase accountability
- Assure Data security and Data integrity
- Transform the government work culture and ethics
- Promote innovation by releasing staff energy and time from unproductive procedures
- Minimize processing delays
- Ensures the timely handling of file
- Enables officials to work from anywhere, anytime

13. Project Scope, Approach and Methodology

e-Office application is to transform the government environment into a paper-less office which yields to enhanced transparency, accountability for each employee and smooth file flow between Government departments.

Methodology:
- e-Office application awareness and demo workshop
- Pre-assessment of readiness of user
- Coordination with Department to gather their required user information to build the e-Office environment
- Training on use of e-Office application
- Handholding support and troubleshooting
- Post-implementation support
- Project Monitoring

14. Results achieved / Value delivered to the beneficiary of the project and other distinct features / Accomplishment of the project

Departments implemented e-Office: 5

Departments soon to go-live on e-Office: 6

Departments proposed for implementing e-Office: 14
17.5 Citizen Portal

8. Project Summary:
   1. Name of the Department: Information Technology
   2. Status of the host/owner: Tamil Nadu e-Governance Agency
   3. Name of the Owner Organization: Tamil Nadu e-Governance Agency
   4. Name of the Project: Citizen Portal (Open Portal)
   5. Name of the Contact Person: Tamil Nadu e-Governance Agency
   6. Contact Address: Tamil Nadu e - Governance Agency
                    No. 5/9, TNHB Building,
                    Kavingar Bharathidasan Road,
                    Crescent Street,
                    Alwarpet
                    Chennai 600 018
                    044- 24337381,
                    ceotnega@tn.gov.in, mngrttnega@tn.gov.in
   7. Telephone/Fax/E-Mail: To provide easy access to government services, the Citizen Portal of e-Sevai services (open portal to public) has been developed which will provide e-Sevai services to the citizens at their doorsteps.

9. Date of Launch of the Project: 02.07.2018

10. Geographical Coverage: Any part of the World

11. Beneficiary of the Project: Citizens

12. Problem Statement:
   At present, e-Sevai portal is providing 70 online services and it is operated only through Common Service Centres (CSC). During May to August peak time, CSCs are heavily crowded. To avoid this rush during peak season, the Citizen portal of e-Sevai services has been developed.

13. Project Objectives:
   Citizen can avail the e-Sevai services of various department at their door steps.

14. Project Scope, Approach and Methodology:
   The offered services through Open portal are already offered through the e-Sevai CSC portal. After the stabilization of the services in e-Sevai portal, then the services moved to Open portal for the Citizen to utilize the services at their Doorsteps.

15. Results achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project:
   As on date around 1 Lakh Applications were received and processed for the various services of Revenue department.
17.6 e-District Portal (e-Sevai)

1. Name of the Department: Information Technology
2. Status of the host/owner: Tamil Nadu e-Governance Agency
3. Name of the Owner Organization: Tamil Nadu e-Governance Agency
4. Name of the Project: e-District Project (e-Sevai)
5. Name of the Contact Person: Tamil Nadu e-Governance Agency
6. Contact Address: Tamil Nadu e - Governance Agency , No. 5/9, TNHB Building, Kavingar Bharathidasan Road, Crescent Street, Alwarpet Chennai 600 018
7. Telephone/Fax/E-Mail: 044-24337381, ceotnega@tn.gov.in, mngr1tnega@tn.gov.in

8. Project Summary
   This project is one of the Mission Mode Projects (MMP) in our state under the National e-Governance Plan (NeGP), being implemented by TNeGA. e-Sevai project aims at electronic delivery of identified high volume citizen centric services, at district and sub-district level.

9. Date of Launch of the Project:
   Within Tamil Nadu.

10. Beneficiary of the Project:
    Common Citizen of Tamil Nadu

11. Problem Statement
    At present, various departments provide the services (Certificate/License) manually. The main aim of this project to provide the electronic delivery of services through CSC portal and make the transparency of the concerned department.

12. Project Objectives
    The primary objective of the scheme is to provide IT enablement services to increase functional efficiency, automation of workflow and internal processes, seamless integration of the departments for providing services to the citizens at their door steps and infusion of transparency and accountability in government operations.

13. Project Scope Approach and Methodology
    The Project was implemented in 2 phases:
    - Phase I:
      o Phase I of e-Sevai project is successfully delivering 59 citizen centric services of various departments through the Common Service Centres (CSCs) / eSevai Centres.
      o Especially 20 high volume services of Revenue department, 6 services of Civil and Supply department, 4 services of Employment and Training, 5 services of Drug Control department, 5 services of Fire and Rescue are provided through this application
    - Phase II:
      o The former Hon'ble Chief Minister of Tamil Nadu had announced that under the phase II of eSevai project additional 300 services of various departments would be delivered to public through e-Sevai Centres.
17. District Portal (e-Sevai)

Project Summary

This project is one of the Mission Mode Projects (MMP) in our state under the National e-Governance Plan (NeGP), being implemented by TNeGA. e-Sevai project aims at electronic delivery of identified high volume citizen centric services, at district and sub-district level.

Date of Launch of the Project:

Geographical Coverage:

Within Tamil Nadu.

Beneficiary of the Project:

Common Citizen of Tamil Nadu

Problem Statement

At present, various departments provide the services (Certificate/License) manually. The main aim of this project to provide the electronic delivery of services through CSC portal and make the transparency of the concerned department.

Project Objectives

The primary objective of the scheme is to provide IT enablement services to increase functional efficiency, automation of workflow and internal processes, seamless integration of the departments for providing services to the citizens at their doorsteps and Infusion of transparency and accountability in government operations.

Project Scope Approach and Methodology

The Project was implemented in 2 phases:

- **Phase I:**
  - Phase I of e-Sevai project is successfully delivering 59 citizen centric services of various departments through the Common Service Centres (CSCs) / eSevai Centres.
  - Especially 20 high volume services of Revenue department, 6 services of Civil and Supply department, 4 services of Employment and Training, 5 services of Drug Control department, 5 services of Fire and Rescue are provided through this application.

- **Phase II:**
  - The former Hon'ble Chief Minister of Tamil Nadu had announced that under the phase II of eSevai project additional 300 services of various departments would be delivered to public through e-Sevai Centres.

Methodology:

- **Study:** The existing system was studied.
- **Pilot:** The developed application was made pilot live in 2 to 6 districts.
- **Roll out:** after the pilot project, the services are rolled out through the entire state.

15. Results achieved/value delivered to the beneficiary of the project and other distinct features/accomplishments of the project:

As on date around 37+ Lakh transactions were made through the CSCs.
17.7 Tamil Nadu Geographic Information system Project

1. Name of the Department
   1. Dept. of Information Technology, Govt. of Tamil Nadu
   2. Tamil Nadu e-Governance Agency
   3. National Informatics Centre, TNSC

2. Status of the host/owner
   Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organisation
   Dept. of Information Technology, Govt. of Tamil Nadu.

4. Name of the Project
   Tamil Nadu Geographic Information system (TNGIS)

5. Name of the Contact Person
   CEO, TNeGA, Government of Tamil Nadu
   Dr. A Mohan, Senior Technical Director, NIC
   Arjunan.mohan@nic.in

6. Contact Address
   Tamil Nadu e-Governance Agency
   5/9 TN Housing Board Building
   KavignarBharathidasanSalai, Alwarpet – Chennai -18

7. Telephone/Fax/Email
   Ph.: 044-3223464   Email: ceo@tn.gov.in
   http://tngis.tn.gov.in
   https://tnssdi.tn.gov.in

8. Project Summary
   - TNGISPortal is a one-stop-source for all the geospatial data for the state of Tamil Nadu. The project has been successfully able to establish common platform for all the Departments to harmonize data and overlay their information both in spatial and non-spatial formats.
   - GIS based decision support systems has been implemented for the Dept. of School Education for optimum allocation of schools and also Accident Analysis for relocating ambulances effectively for RTA cases and accessibility to Trauma Care for the Dept. of Health.

9. Date of launch of the Project
   05-08-2016

10. Geographical Coverage
    - Since this is a State level portal, geo-spatial data for the entire state of Tamil Nadu has been collated / organised and processed for dissemination.
    - Portal is being used by State Level officers of various departments and also by District administration for planning and scheme monitoring systems.

11. Beneficiary of the Project
    The Stakeholders of this project comprise around 30 State Govt. Departments.

12. Problem Statement
    - Non-existence of Standards for Spatial data.
    - Islands of data in various departments those were not shareable / reusable

13. Project Objectives
    - To ensure the required standardization for spatial data;
- Create a spatial data repository and enable access on vital datasets through Geo-Spatial Web Services with appropriate securities and authentications; and
- Provide a framework for Departments to use spatial data for analysis and support decision making process.

14 Project Scope, Approach and Methodology

- Design and develop web portal to meet the requirements of all users with appropriate security measures.
- TN GIS web Service adopts global standards and is complaint with Open Geospatial Consortium (OGC)/ISO specifications.
Results achieved /Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

- Standardized geospatial data repository has been built by collating of spatial data from Resource Departments.
- Institutionalized the TNSSDI procedures for sustenance of the platform viz. regular updation, usage, reporting, etc.
- Designed and developed web GIS portal as per the requirements of users with appropriate security measures.
- Addressing departments’ requirements individually / collectively.
- Health Department - 108 Ambulance Services use Online GIS for relocation / placement of new 108 Ambulances through Online Analysis.
- Spatial Decision Support Module for Schooling / Hostel Access for Dept. of School Education.
17.8 Tamil Nadu State Portal

1 Name of the Department Information Technology Department, Tamil Nadu

2 Status of the host/owner Government of Tamil Nadu

3 Name of the Owner Organisation Information Technology Department

4 Name of the Project Tamil Nadu State Portal https://www.tn.gov.in

5 Name of the Contact Person Secretary to Government, IT Department Dr. M Balasubramaniam, Sr. Technical Director, NIC bala.tn@nic.in

6 Contact Address Secretariat, Fort St. George, Chennai

7 Telephone/Fax/Email secyit.tn@nic.in

8 Project Summary

State Portal is a Mission Mode Project under the National E-Governance Plan being implemented by the NIC. The objective behind the Portal is to provide a single window ‘Any Time, Any Where’ access to the information and services of the State Government for the Citizens. The Portal provides comprehensive, accurate and reliable and one stop source of information about Tamil Nadu and its various facets. The information in the Portal has been well classified to provide a holistic view to the visitor. On the whole, State Portal and its infrastructure shall contribute towards the fulfilment of the Government’s mission of ‘Good Governance’.

This web portal is considered as a repository of Government information with around 50,000 documents and 100,000 pages which include:

- Acts / Ordinances
- Announcements made in the Legislative Assembly for different Departments
- Citizens Charters
- Policy Notes
- Performance Budget
- Government Orders
- Press Releases

The Tamil Nadu Government Portal has registered about 2,000,000 hits per day on an average from more than 165 countries and accessed from various devices like Mobile phones, Smart phones, Tablets, Laptops etc., and browsers like Internet Explorer, Google Chrome, Mozilla Firefox, Safari, Opera etc.

9 Date of launch of the Project

May, 2013

10 Geographical Coverage

All over Tamil Nadu

11 Beneficiary of the Project

Citizens, Department officials

12 Problem Statement
Citizens were not able to know the day-to-day events of the Government

13  **Project Objectives**

To provide a single window 'Any Time, Any Where' access to the information and services of the State Government for the Citizens

14  **Project Scope, Approach and Methodology**

Around 35 Departmental officials are hosting the particulars of their respective Departments in the State Portal.

15  **Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project**

Tamil Nadu Government Portal has registered about 2,000,000 hits per day from various countries and devices. Citizens are using the Portal to download the Government Orders, various form for availing the services of the Government.
Citizens were not able to know the day-to-day events of the Government.

**Project Objectives**

To provide a single window ‘Any Time, Any Where’ access to the information and services of the State Government for the Citizens.

**Project Scope, Approach and Methodology**

Around 35 Departmental officials are hosting the particulars of their respective Departments in the State Portal.

**Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project**

Tamil Nadu Government Portal has registered about 2,000,000 hits per day from various countries and devices. Citizens are using the Portal to download the Government Orders, various form for availing the services of the Government.

18. Labour and Employment Department
### 18.1 e-Biz Project

<table>
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<th>Name of the Department</th>
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<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Commissionerate of Labour Department</td>
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<tr>
<td>4</td>
<td>Name of the Project</td>
<td>e-Biz</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Commissioner of Labour/ Addl. Commissioner of Labour (Conciliation)</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>O/o Commissioner of Labour, DMS, Complex, Teynampet Chennai - 600 006</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>044-24321438 Extn.111/ <a href="mailto:jcc.tnlabour@nic.in">jcc.tnlabour@nic.in</a></td>
</tr>
</tbody>
</table>

**8. Project Summary**

Promoting services through online web portal Registration/ Licensing/ Renewal/ Amendments/ Transfer/ Closer and online Inspection Scheme under various Labour Legislation and Legal Metrology Acts.

**9. Date of Launch of the Project**

Under development

**10. Geographical Coverage**

Tamil Nadu State

**11. Beneficiary of the Project**

Public can easily access/apply to Labour Legislation and Legal Metrology Act through online mode

**12. Problem Statement**

On UAT

**13. Project Objectives**

Ease of Doing Business for Labour Dept

**14. Project Scope, Approach and Methodology**

Promoting services through online web portal Registration/ Licensing/ Renewal/ Amendments/ Transfer/ Closer and Inspection Scheme under various Labour Legislation and Legal Metrology Acts.
18.2 Online Case Management System

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Labour Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the Host / Owner</td>
<td>Labour Department</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Commissionerate of Labour Department</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Online Case Management System</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Commissioner of Labour / Addl. Commissioner of Labour (Conciliation)</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>O/o Commissioner of Labour, DMS, Complex, Teynampet Chennai 600 006</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>044-24321438 Extn.111 / <a href="mailto:jcc.tnlabour@nic.in">jcc.tnlabour@nic.in</a></td>
</tr>
</tbody>
</table>

8. Project Summary

These department officials are handling quasi judiciary and conciliation activities under various Labour Acts and also during industrial accidents, the workers or the legal heirs of the deceased workers are approaching this department officials for getting legal remedy under Employees Compensation Act.

The current system of manual work takes long time for receiving the applications from the Labours or from the legal heirs of the deceased labours and all other works like assigning the case number, sending information to the concern and employers relating to trails, issue of final orders, follow ups for receiving compensation amount from the employers or from the insurance companies and disbursing compensation amounts to the injured labours or to the legal heirs of the deceased labours.

Currently the labour are submitting their documents and receiving information related to their compensation cases either by approaching directly to this department offices or getting information through phone. Hence all manual works done by this department can be done through online and details related to trails and final orders can also be digitalized through online case management system introduced.

Accordingly, this department is planning to implement online system for this department quasi-judicial function, which will facilitate the concerned person to view the status of case, hearing dates, trails, final orders etc., through portal.

9. Date of Launch of the Project

Under development

10. Geographical Coverage

Tamil Nadu State

11. Beneficiary of the Project

Injured and legal heirs of the deceased labours will get their compensation amounts easily through online from Labour Department from Insurance Co.

12. Problem Statement
Under SRS

13. Project Objectives

1. To facilitate applicants and defendants to get hassle free access to the information.
2. To have access to timely and accurate MIS Reports.
3. To efficiently manage case records.
4. To monitor case status, compliance of court orders and time tracking.
5. To reduce workload of Department Officials and facilitate them to provide hassle-free legal services.
6. In Compensation Act, Streamline the departmental activities of renewal of deposits in time and also helpful for final settlement to the dependents and audit purpose.
18.3 Legal Metrology Complaint Tracking System

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Labour Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the Host / Owner</td>
<td>Labour Department</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Commissionerate of Labour Department</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>LMCTS</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Commissioner of Labour / Addl. Commissioner of Labour (Concililation)</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>O/o Commissioner of Labour, DMS, Complex, Teynampet, Chennai - 600 006</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>044-24321438 Extn.111 / <a href="mailto:jcc.tnlabour@nic.in">jcc.tnlabour@nic.in</a></td>
</tr>
</tbody>
</table>

8. Project Summary
The Labour Department is implementing the Legal Metrology Act and Tamil Nadu Legal Metrology (Enforcement) Rules in Tamil Nadu. For effective implementation and for better protection of the interest of consumers a Legal Metrology Complaint Tracking System (LMCTS) linked with department portal online with SMS provisions was proposed as a solution.

9. Date of Launch of the Project
04.03.2017

10. Geographical Coverage
Tamil Nadu State

11. Beneficiary of the Project
Mobile App to redress the consumer grievances in Legal Metrology

12. Project Objectives
Popularize the TN-LMCTS Mobile App and to create awareness among the consumers and public various awareness generation programmes were organized by the Labour Department officials in co-ordination with the District Collectors and related Departments Officials throughout the State.

13. Project Scope Approach and Methodology
A short film to create awareness among Consumers and the Public on Legal Metrology Act and Rules and the effective use of LMCTS Mobile App has been produced at a cost of Rs.5 Lakh and launched.

14. Results achieved/value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
So for 1080 complaints were received through the TN-LMCTS Mobile App, in which 1030 complaints were disposed of and redressed effectively.
18.4 Integrated Application Software for Unorganised Workers Welfare Board

1. Name of the Department: Labour Department

2. Status of the Host / Owner: Tamil Nadu Unorganised Workers Welfare Boards

3. Name of the Owner Organization: Tamil Nadu Construction Workers Welfare Boards (TNCWWB) and Tamil Nadu Unorganised Workers Welfare Boards (TNMWWB)

4. Name of the Project: Integrated application Software

5. Name of the Contact Person: Secretary, TNCWWB / Secretary, TNMWWB

<table>
<thead>
<tr>
<th>Name of the Contact Person</th>
<th>Contact Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>TNCWWB</td>
<td>8, ValluvarKottam High Rd, Nungambakkam, Chennai- 600 034</td>
</tr>
<tr>
<td>TNMWWB</td>
<td>G/133, I Main Road, II and III Floor, TNHB Chinthamani Super Market Shopping Complex, Anna Nagar East, Chennai-600 102</td>
</tr>
</tbody>
</table>

6. Contact Address: TNCWWB 044-28264950, 51, 52 / 044-28232052 / tncwwbhead@gmail.com |

7. Telephone/Fax/eMail: TNMWWB 2663 1147/2663 1150 / 2663 1149 FAX : 2663 1148 manualboards@gmail.com

8. Project Summary

Introduction of online facility to enable the unorganised workers to submit applications for registration, renewal and claims and get the welfare benefits easily and to remit the cess amount payable to the Tamil Nadu Unorganised Workers Welfare Board directly.

9. Date of Launch of the Project

Under Development

10. Geographical Coverage

Tamil Nadu State

11. Beneficiary of the Project

Unorganised Workers Welfare Boards

12. Project Objectives

i.) To enable online approval including registration, renewal, claims and sanctioning with the backend workflow.

ii.) To reduce manual processing and to increase efficiency and transparency

iii.) To provide MIS reports and dash board at every level.

iv.) To provide online Cess collection
13. Project Scope, Approach and Methodology
An integrated software application for the Tamil Nadu Construction Workers Welfare Board (TNCWWB), Tamil Nadu Manual Workers Social security Scheme and Welfare Board and other Boards.
18.5 Online portal of Directorate of Industrial Safety and Health.

1. Name of the Department: Directorate of Industrial Safety and Health.

2. Status of the Host / Owner: The online portal has been developed by ELCOT.

3. Name of the Owner Organization: Director, Directorate of Industrial Safety and Health.

4. Name of the Project: Online portal of Directorate of Industrial Safety and Health.

5. Name of the Contact Person: Thiru. S. ANANTH, B.E, Nodal Officer, Joint Director, Industrial Safety and Health, Kancheepuram.

6. Contact Address: Directorate of Industrial Safety and Health, 47/1, Thiru.Vi.Ka. Industrial Estate, Guindy, Chennai-32

7. Telephone/Fax/eMail: Phone No. 044 22502103/04, cif@tn.gov.in

8. Project Summary

The following services of this Directorate of Industrial Safety and Health are available in online mode with digital signature of the concerned officials.

1. Issue of license under Factories Act, 1948.

9. Date of Launch of the Project

04.03.2017

10. Geographical Coverage

Tamil Nadu

11. Beneficiary of the Project

Factories and Contractor establishments
12. Project Objectives

To provide online services to the Factory managements in respect of services listed in item 8.

13. Results achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project

The services listed in item 8 are available online mode to the beneficiaries.
Application Architecture / Flow

1. **User Registration**
   - User Signup
   - Enter Occupier Details and submit
   - Email Verification
   - Login

2. **Factories Act Registration and Licensing**
   - Add Factory / Apply
   - Select Service - "Factory registration and Licensing application"
   - Provide Particulars
     - Factory Details
     - Occupier Details
     - Manager Details
     - Owner of Premises Details
     - Plan approval application

3. **Licensing application submission and Fee Payment**
   - Payment Mode:
     - SBI
     - Online
     - DD
     - Offline
   - Registration License fees details
   - Failure
   - Success
   - Submission licensing details to appropriate Authority

4. **Application Scrutiny and approval process**
   - Review the Document by JD
   - Approve or Reject by JD/ADDU/Director
   - Forward approved Licence to the Occupier by online
   - Approved
   - Occupier
License generation

Online Payment
Project Empower. (Networking of Employment Exchanges) Virtual Learning Portal

1. Name of the Department
   Department of Employment and Training

2. Status of the Host / Owner
   1. Project Empower – Successfully running. Owner: Commissioner of Employment and Training (Employment Wing)
   2. Virtual Learning Portal – Yet to host Owner: Commissioner of Employment and Training

3. Name of the Owner Organization
   Commissioner of Employment and Training, (Employment Wing)

4. Name of the Project
   1. Project Empower
   2. Virtual Learning Portal

5. Name of the Contact Person
   Thiru. T. Vijayakumar, Joint Director (Employment)

6. Contact Address
   Old Alandur Road, Guindy, Chennai 32.

7. Telephone/Fax/eMail
   044-22500900 /044-22501002
   jdemployment2017@gmail.com

8. Project Summary
   1. Project Empower
   All Employment Exchange activities can be done online, viz., Registration, Renewal, Updation and ID card printing. These activities are also done through e-sevaicentres. At the exchange level online list of candidates are generated from the centralized data for the vacancies notified by the employer.

   2. Virtual Learning Portal
   To develop a virtual Learning Portal for beneficiaries to cater to their needs of preparation for competitive exam, Interview preparation, Certificate Skill training courses to enhancing their skill for employment and updating the knowledge in their chosen field of study / education.

9. Date of Launch of the Project
   2. Virtual Learning Portal will be launched soon.

10. Geographical Coverage
   Tamil Nadu

11. Beneficiary of the Project
   1. Project Empower – Unemployed Youth those who want to get job in Public/Private sector.

QR Code

- Scan
- Read
18.6 Project Empower. (Networking of Employment Exchanges) Virtual Learning Portal

1. Name of the Department
   Department of Employment and Training

2. Status of the Host / Owner
   1. Project Empower – Successfully running.
      Owner: Commissioner of Employment and Training (Employment Wing)
   2. Virtual Learning Portal – Yet to host
      Owner: Commissioner of Employment and Training

3. Name of the Owner Organization
   Commissioner of Employment and Training, (Employment Wing)

4. Name of the Project
   1. Project Empower. (Networking of Employment Exchanges)
   2. Virtual Learning Portal

5. Name of the Contact Person
   Thiru.T. Vijayakumar, Joint Director (Employment)

6. Contact Address
   Old Alandur Road, Guindy, Chennai 32.

7. Telephone/Fax/eMail
   044-22500900 /044-22501002
   jdemployment2017@gmail.com

8. Project Summary
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   2. Virtual Learning Portal
      To develop a virtual Learning Portal for beneficiaries to cater to their needs of preparation for competitive exam, Interview preparation, Certificate Skill training courses to enhancing their skill for employment and updating the knowledge in their chosen field of study / education.

9. Date of Launch of the Project
   2. Virtual Learning Portal will be launched soon.

10. Geographical Coverage
    Tamil Nadu

11. Beneficiary of the Project
    1. Project Empower – Unemployed Youth those who want to get job in Public/Private sector.
2. **Virtual Learning Portal** - Unemployed Youth those who want to participate for competitive Exams they can enrol as candidate and get question paper materials that are available in the website. Through this mock interviews are conducted. Online classes are taken by the faculties for various competitive exams.

12. **Project Objectives**

1. **Project Empower:**
   
i. Centralized repository of employment registrants.
   
   ii. Online access to candidate and employer.
   
   iii. Reduce manual processing and paper work
   
   iv. Increase efficiency
   
   v. Generate customized reports

2. **Virtual Learning Portal**
   
i. To access the online learning environment from any location, any time and through a multitude of all electronic devices.
   
   ii. To help eligible youth to develop and enhance employability skills.
   
   iii. Through this system, training for competitive exams, online tests, mock interviews, group discussion, skill assessment, career Guidance and Mentoring support.

13. **Results achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project**

   **Project Empower**
   
   All the activities are carried over online, candidates’ transportation and time to visiting Employment offices are minimized.
2. Virtual Learning Portal

Unemployed Youth those who want to participate for competitive Exams they can enrol as candidate and get question paper materials that are available in the website. Through this mock interviews are conducted. Online classes are taken by the faculties for various competitive exams.

12. Project Objectives

1. Project Empower:
   i. Centralized repository of employment registrants.
   ii. Online access to candidate and employer.
   iii. Reduce manual processing and paperwork
   iv. Increase efficiency
   v. Generate customized reports

2. Virtual Learning Portal
   i. To access the online learning environment from any location, any time and through a multitude of all electronic devices.
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   iii. Through this system, training for competitive exams, online tests, mock interviews, group discussion, skill assessment, career Guidance and Mentoring support.

13. Results achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project

Project Empower

All the activities are carried over online, candidates' transportation and time to visiting Employment offices are minimized.
Application Screen Shots

Candidate Registration

Print Card
18.7 Online Admission System for ITIs

1. Name of the Department: Directorate of Employment and Training

2. Status of the Host / Owner:
   - URL: http://skilltraining.tn.gov.in
   - Hosting: BSNL CtrlS Cloud
   - Status: Active

3. Name of the Owner Organization: Department of Labour and Employment

4. Name of the Project: Web portal with online admission system for ITIs, MIS and Online verification of exam system for Directorate of Employment and Training wing.

5. Name of the Contact Person: Joint Director CT
   Thiru. T.Rajashekar, M.Tech.,

6. Contact Address: Department of Employment and Training
   Thiru.Vi.Ka Industrial Estate
   Alandur Road, Guindy
   Chennai 600032

7. Telephone/Fax/eMail: Phone: 044-22501002 / 22501006 / 22500900
   Mail: egovskilltrainingdet@gmail.com

8. Project Summary
   - Web portal is developed for Students, Institutes, District offices and State Directorate to enable youth employable by imparting skills. The system ensures transparency in Industrial school recognition, admission process and extension of various assistance to students. Also supports in internal departmental activities.

9. Date of Launch of Project: 11 / 07 / 2017

10. Geographical coverage: All districts of Tamil Nadu.

11. Beneficiary of the Project: Students and Department employees.

12. Problem Statement

   Existing system had,
   - Manual candidate registration and counselling process across districts.
   - Manual Industrial school registration and approval process.
   - Offline system for managing the department internal activities like auditing, establishment, inventory, freebies.
   - Offline and disconnected systems.

13. Project Objectives

   - Website for Skill training wing of the department reflecting vision, mission is developed. It provides information to various stakeholders including industrial schools, students, etc.

The system enables the following functionalities:
- Online registration and approval of industrial schools.
- Online candidate registration and counselling process.
- Government and private ITI registration and approval.
- Dashboard with reporting system for the Department Employees to track the progress for each activity.
- Web enabled certificate verification.
- Establishment and internal audit process.
- Online department communication system for inventory with freebies integrated (Student beneficiaries).

14. Project Scope Approach and Methodology

- Waterfall with key defined milestones.

15. Results Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project

- Online monitoring of freebies – helped the students benefited with the free schemes.
- Online counselling and registration – Made students to register and participate from remote villages.
- Counselling process made easy and transparent.
- Trade test tracker - Enable the department to plan for the test by generating hall tickets, evaluating test papers and issuing results.
- Seamless industrial school registration and approval.

**Registration done through the application**

<table>
<thead>
<tr>
<th></th>
<th>Year 2017</th>
<th>Year 2018</th>
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</thead>
<tbody>
<tr>
<td>Candidate Registration</td>
<td>68,750</td>
<td>66,400</td>
</tr>
<tr>
<td>Candidates counseled</td>
<td>45,500</td>
<td>40,000</td>
</tr>
<tr>
<td>Candidates admitted</td>
<td>23,500</td>
<td>20,000</td>
</tr>
<tr>
<td>Industrial school Registration</td>
<td>453</td>
<td>In process</td>
</tr>
<tr>
<td>Industrial school approved</td>
<td>385</td>
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</tr>
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</table>
Technology Stack

<table>
<thead>
<tr>
<th>OS</th>
<th>Linux</th>
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<tbody>
<tr>
<td>Platform</td>
<td>JDK 1.6x</td>
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<tr>
<td>Framework</td>
<td>Struts 1.3</td>
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<tr>
<td>Presentation Tier Framework</td>
<td>Java J2EE</td>
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<td>Object-Relational Mapping (ORM)</td>
<td>Hibernate 3x</td>
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<tr>
<td>Database</td>
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<tr>
<td>Web server</td>
<td>Apache</td>
</tr>
<tr>
<td>Application Server</td>
<td>jBoss 7.1x</td>
</tr>
<tr>
<td>Web service</td>
<td>RESTful Web service</td>
</tr>
<tr>
<td>Scripting Technology</td>
<td>JavaScript and jQuery</td>
</tr>
<tr>
<td>UI</td>
<td>HTML 5 and CSS 3</td>
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<tr>
<td>Reports</td>
<td>Jasper Reports</td>
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</tbody>
</table>

The Application Size

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>Modules</td>
<td>10</td>
</tr>
<tr>
<td>Dynamic Pages</td>
<td>380+ Web pages</td>
</tr>
<tr>
<td>Java Classes</td>
<td>1000+</td>
</tr>
<tr>
<td>Database Tables</td>
<td>550+</td>
</tr>
<tr>
<td>Script Files</td>
<td>20+ Java scripts</td>
</tr>
<tr>
<td>Properties Files</td>
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<tr>
<td>Configurable application parameters</td>
<td>10+</td>
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</tbody>
</table>
## Tools/Software Application and Infrastructure

<table>
<thead>
<tr>
<th>Category</th>
<th>Tool/Software</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Environments</td>
<td>Linux</td>
</tr>
<tr>
<td>Defect Tracking</td>
<td>MantisBT</td>
</tr>
<tr>
<td>Version Control</td>
<td>Subversion (SVN)</td>
</tr>
<tr>
<td>Internal Project Management</td>
<td>Waterfall Methodology</td>
</tr>
<tr>
<td>Build Stack</td>
<td>Maven</td>
</tr>
<tr>
<td>Automated Builds</td>
<td>Jenkins</td>
</tr>
</tbody>
</table>

![Diagram of Employment and Training](image)
Tools/Software Application and Infrastructure

- Linux
- Defect Tracking: MantisBT
- Version Control: Subversion (SVN)
- Internal Project Management: Waterfall Methodology
- Build Stack: Maven
- Automated Builds: Jenkins

Application Screen Shots
18.8 Welfare Boards – Construction Workers’ and Manual Workers’ Application

1. Name of the Department
   Tamil Nadu Construction Workers Welfare Board

2. Status of the Host / Owner
   URL: http://unorganisedboards.tn.gov.in
   Hosted at: State Data Centre
   Status: Active

3. Name of the Owner Organization
   Labour and Employment Department

4. Name of the Project
   Registration, Renewal and Claim processing of Unorganized Workers

5. Name of the Contact Person
   Thiru. M.Baskaran

6. Contact Address
   No-8, Valluvar Kottam Highroad, Nungambakkam, Chennai 600 034.
   Phone: 28264950 / 28264951 / 28264952
   E-mail: tncwwbhead@gmail.com

8. Project Summary
   The web application is developed to automate the following:

   • The application forms are filled by the eligible workers and submitted at the District Level offices of the Labour Department/Board, along with the necessary documents.
   • Issue of Identity cards in the form of a passbook with personal details with photo of the worker captured through the web camera.
   • The application forms are scrutinized by the District Level staff and they perform data entry into the system.
   • The eligible claim forms for various assistances are submitted by the workers.
   • Upon submission of the forms, the processing is undertaken by the Board members.

9. Date of Launch of Project
   15/09/2009

10. Geographical coverage
    All Districts of Tamil Nadu

11. Beneficiary of the Project
    Unorganized Construction and Manual Workers, Department employees

12. Problem Statement
    Through manual process,

    • There was delay in manual registration process and extension of financial assistance under various schemes.
    • Validation of the registration and claim across 17 different boards was cumbersome.
    Registration and claim processing handled by head office only.

13. Project Objectives
    Web application is developed to address the following:
• Details about Member, Family Members, Legal Heir and Bank Details are captured.
• Facilitate receipt/capture of application at District Level staff and enable scrutiny of applications to extend various financial assistances by the Government of Tamil Nadu under different Schemes.
• Identity card is issued in the form of a passbook with personal details with photo of the worker captured through the web camera.

14. Project Scope, Approach and Methodology

Waterfall with key defined milestones.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project

• Through the integrated application, registrations are happening at district level offices.
• The beneficiary can register himself/herself as a member at district level.
• Able to validate and scrutinize the application across various boards.
• Registration data made available to all district and head office at centralized location.
• Able to generate management information reports for monitoring the registrations and claim process.

Member registration: 4,449,499

Types of claims and disbursements

<table>
<thead>
<tr>
<th>Type of claim</th>
<th>Beneficiary Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistance for Studying</td>
<td>279,846</td>
</tr>
<tr>
<td>Grant for Completion of Studies</td>
<td>251,520</td>
</tr>
<tr>
<td>Assistance for Higher Education</td>
<td>472,440</td>
</tr>
<tr>
<td>Assistance for Marriage</td>
<td>18,977</td>
</tr>
<tr>
<td>Assistance for Child Birth and Abortion</td>
<td>13,269</td>
</tr>
<tr>
<td>Assistance for Purchase of Spectacles</td>
<td>3,018</td>
</tr>
<tr>
<td>Financial Assistance for Natural Death and Funeral Expenses</td>
<td>4,692</td>
</tr>
<tr>
<td>Financial Assistance for Accidental Death and Physical Disability</td>
<td>131</td>
</tr>
</tbody>
</table>
## Technology Stack

<table>
<thead>
<tr>
<th>OS</th>
<th>Linux</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform</td>
<td>JDK 1.6x</td>
</tr>
<tr>
<td>Framework</td>
<td>Structs 1.2.9</td>
</tr>
<tr>
<td>Presentation Tier Framework</td>
<td>Java J2EE</td>
</tr>
<tr>
<td>Database</td>
<td>postgresQL 9.1</td>
</tr>
<tr>
<td>Web server</td>
<td>Apache 2.0</td>
</tr>
<tr>
<td>Application Server</td>
<td>jBoss 7.1x</td>
</tr>
<tr>
<td>Scripting Technology</td>
<td>JavaScript and jQuery</td>
</tr>
<tr>
<td>UI</td>
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<td>Dynamic Pages</td>
<td>100+ Web pages</td>
</tr>
<tr>
<td>Java Classes</td>
<td>200+</td>
</tr>
<tr>
<td>Database Tables</td>
<td>80+</td>
</tr>
<tr>
<td>Script Files</td>
<td>20+ Java scripts</td>
</tr>
<tr>
<td>Properties Files</td>
<td>1</td>
</tr>
<tr>
<td>Configurable application parameters</td>
<td>10+</td>
</tr>
</tbody>
</table>
Application Architecture / Flow

Application Screen Shots
### 18.9 TNSDC Job Portal – Skill Registry

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Tamil Nadu Skill Development Corporation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the Host / Owner</td>
<td>State Data Centre @ SDC- Cloud/ ELCOT</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Tamil Nadu Skill Development Corporation</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>TNSDC Job Portal – Skill Registry</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Dr S. Mani, Addl.Project.Director</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>TAMIL NADU SKILL DEVELOPMENT CORPORATION</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Integrated Employment Offices Campus(1st Floor)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Thiru. Vi .Ka Industrial Estate,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Guindy, Chennai-600 032</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/eMail</td>
<td>Tel: 044 – 22500107 044-22500107</td>
</tr>
</tbody>
</table>

#### 8. Project Summary
The Tamil Nadu Skill Development Corporation (TNSDC) has created a skill registry and job portal application for skilled professionals in Tamil Nadu.

#### 9. Date of Launch of the Project
4-3-2017

#### 10. Geographical Coverage
Tamil Nadu

#### 11. Beneficiary of the Project
Unemployed Youth

#### 12. Problem Statement
Further enhancement required

#### 13. Project Objectives
- Create a skill registry and job portal application for skilled professionals in Tamil Nadu.
- Maintain the Information on training organization and courses conducted to the candidate.
- Creation of a web-based interactive Job portal for skilled, semi-skilled and all technical professionals for getting employment in private sector

#### 14. Project Scope Approach and Methodology
Technical Training Institutes and their student details

- Upload student details
- Managing student details

Implementation of a web based interactive Job portal for skilled, semi-skilled and all technical professionals for getting employment in private sector.

- Candidate registration
  - Search jobs
  - Apply for jobs and view status
  - Search for course
  - Enroll course
- Employer registration
  - Post jobs
  - Search candidates
- Training Organization

Reports of various activities

- Separate dash board for different stakeholder's Aggregate reports on the trained resources, overall qualified skilled manpower availability, capacities by trade and Employment Opportunities details. Further drill down to placement, admission, Capacity Utilization, etc.

- Ability to message and cascade information down to all channels, ability to seek feedback etc.

13. **Results achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishments of the project**

- Uploading student details
- Managing student details
- Candidate registration
- Search jobs
- Apply for jobs and view status
- Search for course
- Enrol in course
- Employer registration
- Post jobs
- Search candidate
- Training Organization

**Process Flow**
SOFTWARE COMPONENTS

The various major components of the web portal are described in the below image:
SOFTWARE COMPONENTS

The various major components of the web portal are described in the below image:

19. LAW DEPARTMENT
19.1 Law Admissions

1. Name of the Department
   The Tamil Nadu Dr.Ambedkar Law University, Chennai.

2. Status of the host/owner
   The Registrar, The Tamil Nadu Dr.Ambedkar Law University, Chennai

3. Name of the Owner Organization
   The Tamil Nadu Dr.Ambedkar Law University, Chennai.

4. Name of the Project
   Law Admissions

5. Name of the Contact Person
   Registrar

6. Contact Address
   No.5, Poompozhil, Dr.D.G.S. Dinnakaran Salai, R.A.Puram, Chennai-600 028.
   044-24641919, registrar@tndalu.ac.in

8. Project Summary:
   Law Admissions of candidates to various Law Degree Courses offered in the School of Excellence in Law, The Tamil Nadu Dr.Ambedkar Law University and also in the affiliated Government Law Colleges in Tamil Nadu from the Academic year 2018-2019.

9. Date of Launch of the Project:
   Academic Year 2018-2019

10. Geographical Coverage:

11. Beneficiary of the Project:
   Students

12. Problem Statement:

13. Project Objectives:
   Law Admissions of candidates to various Law Degree Courses offered in the School of Excellence in Law, The Tamil Nadu Dr.Ambedkar Law University and also in the affiliated Government Law Colleges in Tamil Nadu from the Academic year 2018-2019 through online.

14. Project Scope Approach and Methodology

15. Results achieved/value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project
8. Project Summary:
Law Admissions of candidates to various Law Degree Courses offered in the School of Excellence in Law, The Tamil Nadu Dr.Ambedkar Law University and also in the affiliated Government Law Colleges in Tamil Nadu from the Academic year 2018-2019.

9. Date of Launch of the Project:
Academic Year 2018-2019

10. Geographical Coverage:

11. Beneficiary of the Project:
Students

12. Problem Statement:

13. Project Objectives:
Law Admissions of candidates to various Law Degree Courses offered in the School of Excellence in Law, The Tamil Nadu Dr.Ambedkar Law University and also in the affiliated Government Law Colleges in Tamil Nadu from the Academic year 2018-2019 through online.

14. Project Scope Approach and Methodology

15. Results achieved/value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project

19.1 Law Admissions
1. Name of the Department
The Tamil Nadu Dr.Ambedkar Law University, Chennai.

2. Status of the host/owner
The Registrar, The Tamil Nadu Dr.Ambedkar Law University, Chennai

3. Name of the Owner Organization
The Tamil Nadu Dr.Ambedkar Law University, Chennai.

4. Name of the Project Law Admissions

5. Name of the Contact Person Registrar
Registrar

6. Contact Address
No.5, Poompozhil, Dr.D.G.S. Dinnakaran Salai, R.A.Puram, Chennai-600 028.

7. Telephone/Fax/E-Mail
044-24641919, registrar@tndalu.ac.in
<table>
<thead>
<tr>
<th><strong>Name of the Department</strong></th>
<th>Tamil Nadu Legislative Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Status of the host / Owner</strong></td>
<td>Government of Tamil Nadu, Software support by NIC</td>
</tr>
<tr>
<td><strong>Name of the Owner Organization</strong></td>
<td>Tamil Nadu Legislative Assembly</td>
</tr>
<tr>
<td><strong>Name of the Project</strong></td>
<td>Web Portal and ICT Application for Tamil Nadu Legislative Assembly</td>
</tr>
<tr>
<td><strong>Name of the Contact Person</strong></td>
<td>Joint Secretary (Editor), TNLA Dr. M. Balasubramaniam, Sr. Technical Director, NIC</td>
</tr>
<tr>
<td><strong>Telephone / Fax / eMail</strong></td>
<td><a href="mailto:vishbalaravi@gmail.com">vishbalaravi@gmail.com</a></td>
</tr>
<tr>
<td><strong>Project Summary</strong></td>
<td></td>
</tr>
<tr>
<td>i. Online ICT application enables</td>
<td></td>
</tr>
<tr>
<td>- The officials can upload the daily debates and Papers Laid On Table (PLOT)</td>
<td></td>
</tr>
<tr>
<td>- The Members and the Citizens to can view the daily debates (proceedings) of Assembly.</td>
<td></td>
</tr>
<tr>
<td>ii. ICT application enables the officials of Tamil Nadu Legislative Assembly to Search a string in the Debates and PLOTs.</td>
<td></td>
</tr>
<tr>
<td><strong>Date of launch of the Project</strong></td>
<td>15/04/18</td>
</tr>
<tr>
<td><strong>Geographical Coverage</strong></td>
<td>Tamil Nadu</td>
</tr>
<tr>
<td><strong>Beneficiary of the Project</strong></td>
<td>Citizens, Department officials of Tamil Nadu Legislative Assembly, Press</td>
</tr>
<tr>
<td><strong>Problem Statement</strong></td>
<td></td>
</tr>
<tr>
<td>Prior to the implementation of this project, the daily Debates were printed and kept in the Library. So anybody wants to read the Debates he/she had to go to Library and read it. And the documents were printed and put on the tables. The volume of Books (documents) is large, it takes greater cost for printing and time taken to do so.</td>
<td></td>
</tr>
<tr>
<td><strong>Project Objectives</strong></td>
<td></td>
</tr>
<tr>
<td>To overcome the above problem, an online system was developed. Now the Debates and PLOTs are being uploaded without any expenditure. Moreover they can read from anywhere through the portal.</td>
<td></td>
</tr>
<tr>
<td><strong>Project Scope, Approach and Methodology</strong></td>
<td></td>
</tr>
</tbody>
</table>
### 20.1 Web Portal and ICT Application for Tamil Nadu Legislative Assembly.

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Tamil Nadu Legislative Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the host / Owner</td>
<td>Government of Tamil Nadu, Software support by NIC</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Tamil Nadu Legislative Assembly</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Web Portal and ICT Application for Tamil Nadu Legislative Assembly</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Joint Secretary (Editor), TNLA, Dr. M. Balasubramaniam, Sr. Technical Director, NIC <a href="mailto:bala.tn@nic.in">bala.tn@nic.in</a></td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Tamil Nadu Legislative Assembly, Fort St. George, Chennai</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / eMail</td>
<td><a href="mailto:vishbalaravi@gmail.com">vishbalaravi@gmail.com</a></td>
</tr>
</tbody>
</table>

#### 8. Project Summary

i. Online ICT application enables
   - The officials can upload the daily debates and Papers Laid On Table (PLOT)
   - The Members and the Citizens to can view the daily debates (proceedings) of Assembly.
   - The Members and the Citizens to view the Papers Laid On Table (PLOT) of Assembly.

ii. ICT application enables the officials of Tamil Nadu Legislative Assembly to Search a string in the Debates and PLOTs.

#### 9. Date of launch of the Project

15/04/18

#### 10. Geographical Coverage

Tamil Nadu

#### 11. Beneficiary of the Project

Citizens, Department officials of Tamil Nadu Legislative Assembly, Press

#### 12. Problem Statement

Prior to the implementation of this project, the daily Debates were printed and kept in the Library. So anybody wants to read the Debates he/she had to go to Library and read it. And the documents were printed and put on the tables. The volume of Books (documents) is large, it takes greater cost for printing and time taken to do so.

#### 13. Project Objectives

To overcome the above problem, an online system was developed. Now the Debates and PLOTs are being uploaded without any expenditure. Moreover they can read from anywhere through the portal.

#### 14. Project Scope, Approach and Methodology
Around 5 user credentials have been created for usage for 3 different types of roles across the Department.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

Citizens have started to use the application
21. MUNICIPAL ADMINISTRATION AND WATER SUPPLY DEPARTMENT
21.1 Information System and Technology Planning (ISTP) of Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)

1. Name of Department Metropolitan Water Supply and Sewerage Board (CMWSSB)

2. Status of the host / owner CMWSSB

3. Name of the Owner Organization CMWSSB

4. Name of Project ISTP (Information System and Technology Planning)

5. Name of the Contact Person G. Ramachandran, Data Processing Manager

6. Contact Address No.1, Pumping station road, Chintadripet, Chennai 600 002.

7. Telephone / Fax / E-Mail 28451300 – Ext 252 / 28458181 / dpmcmwssb@gmail.com

8. Project Summary:

ISTP - Online computerization of Billing and Collection, Bill passing, Inventory, Project, Cash, Payroll, GPF, Pension, General Ledger accounting and Complaints monitoring, Online payment of water tax and charge through website, Book a water tanker lorry through website, Book a septic tank clearance through website, Registration of new water / sewer connection for Residential and Industries through website.

9. Year of Launch of the Project:

2017

10. Geographical Coverage:

426.00 sq.km

11. Beneficiary of the Project:

Chennai Citizens

12. Problem Objectives

To overcome the difficulty of getting information and data from different applications and platforms

13. Project Objectives

To maintain online activities for providing better services to the Citizens, achieve policy goals, and to increase efficiency and transparency

14. Project Scope Approach and Methodology

To implement the computerization of all the activities in CMWSSB in time, a readymade application Oracle ERP has been implemented. To avoid the consumers visiting Metrowater Offices, CMWSSB has facilitated certain online functions which can be availed using Metrowater website at anywhere / anytime.

15. Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
1. Consumer can pay at any of the Metrowater collection counters. Updated arrears could be seen by the consumer through website. To receive and send the consumer complaints to the respective Depot offices immediately through online to rectify in time.
2. Consumer can pay water tax and charge through Debit card / Credit card / Internet banking using website at any time / any where
3. Consumer can book a water tanker lorry through website for their requirement. They need not go to Metrowater Offices.
4. Consumer can book a septic tank clearance through website. They need not go to Metrowater Offices.
5. Consumer can register online for new water / sewer connection for Residential property and Industries. They need not visit Metrowater Offices.
21.2 Urban Tree Information System-(UTIS)

1. Name of the Department: Municipal Administration and Water Supply Department
2. Status of the Host / Owner: Head of the Department
3. Name of the Owner Organization: Commissioner of Municipal Administration
4. Name of the Project: Urban Tree Information System-(UTIS)
5. Name of the Contact Person: Tmt. K. Gunadevi. System Analyst
6. Contact Address: 6th Floor, Ezhilagam Annex, Kamarajar Road, Chepauk, Chennai-05.
7. Telephone/Fax/Email: 044-28524286, isec.tncma@nic.in

8. Project Summary:
   It is an integrated Web Enabled Software Application covering of 29 functionalities of ULBs. It is being implemented in phased manner, now Phase-I consist of 14 modules completed and Phase-II consists of 15 Modules are being implemented in all ULBs. The project provides facilities for Officials: It is workflow based, top level management can monitor the day to day activities of ULBs through dynamic dashboard with MIS Reports.

For Citizens:
- Can apply through online for downloading of Birth and Death Certificates.
- Can apply through online for Building Plan Approval/Trade License/Road Cutting/profession tax with Payment.
- Online Payment for Property tax/Water Charges/Non-Tax/Profession/UGD.
- Can apply for NOC for New Water Supply Connection/UGD connection/Tree cutting.

9. Date of launch of the project:
   09.09.2015

10. Geographical Coverage:
   All Municipalities and Corporations (Except Greater Chennai Corporation)

11. Beneficiary of the Project:
   Citizen, Public and Government

12. Problem Statement:
   - Implementation of project in ULBs is being a challenging venture which includes lack of end users involvement
   - Faced connectivity issues

13. Project Objectives:
“Make all Urban Local Bodies Services accessible to the common man from anywhere, anytime through service delivery outlets and ensure efficiency, transparency and reliability of such services at affordable costs to realize the basic needs of the common man”.

14. Project scope Approach and Methodology:

Covering 29 functionalities of ULBs – Integrated Web Enabled Software Application with availability on 24x7.

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:

The accomplishment:

- To monitor the day to day activities of ULB level/Regional level and State level through dynamic dashboard.
- Citizen can avail the services 24x7 basis
- Most of the services can be accessed through online
- Demand notice/Intimation (SMS) to the citizen can be done through online
- It is workflow based office automation
- citizen can monitor the status of the request through online
- Citizen can download the license/receipt
- Citizen can file grievances through online
- Bio-Metric is implemented for security.
21.3 e-Town panchayats

1. Name of the Department  Directorate of Town Panchayats
2. Status of the Host/Owner  M/s. Prematix Software Solution Pvt Ltd
3. Name of the Owner Organization  Director of Town Panchayats
4. Name of the Project  eTownpanchayats
5. Name of the Contact Person  M.Nasar Basha
6. Contact address  4th Floor, Kuralagam, Chennai-108
7. Telephone/Fax/eMail  dtptsystem@gmail.com
   9444117737

8. Project Summary:

eTownpanchayat is a software application which is web based and App based solution given to all Town Panchayats as well as public to pay their Taxes like (Property Water, Professional, Non tax etc.) through online. Also the solution includes Day book, General Ledger, Journal Registers and all Tax Collection, Building License and Trade License.

9. Date of the Launch of the Project:

01/10/2010.

10. Geographical Coverage:

528 Town Panchayats across Tamil Nadu.

11. Beneficiary of the Project:

Public and Town Panchayats department.
12. **Project Objectives:**
To ensure accountable transparent and people-friendly civic administration.

13. **Project Scope approach and Methodology:**
Scope: To implement the digitalization of e-taxation and e-accounting principles in all etown panchayat to avoid manual errors and time consumption.

14. **Results achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project:**
Town Panchayats according System is maintained error free. Annual accounts are submitted by Town Panchayats on or before 30th of March every year. Taxation and all the services can be applied through online. With the use of etowns app(Android and iOS) public can pay their Taxes (Property, Water, Professional, etc.) on time. With the help of this software etown panchayat revenue has been increasing day by day through online payment as well as door to door collection through Handled POS machine.
21.4 TWADNEST – TWAD integrated e-Governance System

1. **Name of the Project**
   TWADNEST – TWAD integrated e-Governance System

2. **Name of the Contact Person**
   Managing Director, TWAD Board

3. **Project Summary:**
   - TWADNEST integrated e-Governance System was developed with the following functional areas
     - Project Monitoring System
     - Financial Accounting System
     - Human Resources Management System
   - NIC was entrusted with the design and development and implementation of TWADNEST taken up in 2005.
   - Phase 1 TWADNEST was Rolled during 2006 Phase 2 TWADNEST was Rolled during 2010.

4. **Date of the Launch of the Project:**
   2006.

5. **Geographical Coverage:**
   State wide all offices of TWAD Board.

6. **Beneficiary of the Project:**
   TWAD internal use.

7. **Project Scope approach and Methodology:**
   1. Details of the software used in this project
      - Oracle 10g Enterprise Edition for Linux Web Server as Databases and Application Server
      - Apache-Tomcat 5.5
   2. Details of the services and support utilized for this project
      - NIC, Chennai – Application Software Development
      - ELCOT Chennai – TNSWAN connectivity
      - BSNL – Last mile Connectivity
   3. Details of key technologies that were used in this project Java/J2EE Technologies, AJAX, HTML, CSS XML etc / Windows XP, JDK 1.3/ 1.5, Jasper / iReport 20.2

8. **Results achieved value delivered to the beneficiary of the project and other distinct feature accomplishment of the project:**

   **Users and beneficiaries of the project**
   This eGov Project initiative is meant internal usage for employees, Officers and top level management of TWAD Board.

   The users for this project are the engineers (JE/ AE/ AEE/ EE/ SE/ CE), Accounting Officers (Acct. Asst./ AAO/ AO/ DCAO/ CAO) Administrative Officials (JA/ Assit./ Supt./ Admin Officer) and top level management of TWAD Board.
Project Summary:

● TWADNEST integrated e-Governance System was developed with the following functional areas
  ● Project Monitoring System
  ● Financial Accounting System
  ● Human Resources Management System

NIC was entrusted with the design and development and implementation of TWADNEST taken up in 2005.

Phase 1 TWADNEST was Rolled during 2006
Phase 2 TWADNEST was Rolled during 2010.

Date of the Launch of the Project:
2006.

Geographical Coverage:
State wide all offices of TWAD Board.

Beneficiary of the Project:
TWAD internal use.

Project Scope approach and Methodology:
1. Details of the software used in this project
   a. Oracle 10g Enterprise Edition for Linux Web Server as Databases and Application Server
   b. Apache-Tomcat5.5

2. Details of the services and support utilized for this project
   a. NIC, Chennai — Application Software Development
   b. ELCOT Chennai – TNSWAN connectivity
   c. BSNL — Last mile Connectivity

3. Details of key technologies that were used in this project
   Java/J2EE Technologies, AJAX, HTML, CSS, XML etc

Windows XP, JDK 1.3/ 1.5, Jasper / iReport 20.2

Results achieved value delivered to the beneficiary of the project and other distinct feature accomplishment of the project:

Users and beneficiaries of the project:
This eGov Project initiative is meant internal usage for employees, Officers and top level management of TWAD Board. The users for this project are the engineers (JE/AE/AEE/EE/SE/CE), Accounting Officers (Acct.Asst/AAO/AO/DCAO/CAO) Administrative Officials (JA/Assit./Supt./Admin Officer) and top level management of TWAD Board.

Name of the Project:
TWADNEST – TWAD integrated e-Governance System

Name of the Contact Person:
Managing Director, TWAD Board

Information on details of scheme executed and maintained, accounting operation of payments, receipts and monthly and yearly account compilation, service particulars of all employees. integrated payroll system for whole of TWAD. Pension payment for all pensioners of TWAD Board.
21.5 OIMS – Online Inspection Monitoring System

3. Project Summary:

1. Name of the Project
   OIMS — Online Inspection Monitoring System

2. Name of the Contact Person
   Managing Director, TWAD Board

Tamil Nadu Water Supply and Drainage Board (TWAD) aim to implement an Android cum portal based solution for field inspection monitoring and management. The software will enable authorized users to record field inspection components status. The android application is used to add inspection details in the field.

4. Date of the Launch of the Project:
   2015

5. Geographical Coverage:
   State wide all offices of TWAD Board

6. Beneficiary of the Project:
   TWAD internal use

7. Project Scope approach and Methodology:

   Objective is to centralized monitoring by Top level management of the scheme execution progress and inspection system from inception to till completion of the scheme through dynamic live images of the site of execution.

   The android mobile application is given to the field officers to take photo during their inspection time.

   In the web portal various reports are available to view component progress, officer’s inspection to the projects and number of days inspected to the scheme,

   The Android application has been provided as an executable APK file. Download the file into any Android phone from TWADNEST and install.

8. Results achieved value delivered to the beneficiary of the project and other distinct feature accomplishment of the project:

   Online Inspection Module Software (OIMS) is having the following features

   The Management can visually see and check the veracity of officers informed status of the project component throughout the photo.

   The Management can monitor whether the field officers are inspecting the schemes.

   The users for this project are the engineers (AEE (QATA)/EE/SE/CE), and top level management of TWAD Board.
21.6 TWAD Board — web portal

3. Project Summary

The web portal of TWAD Board in the complete source of information for dissemination on
- organization structure
- Act and regulations, policy Notes, Delegation of powers, schedule of rates, norms followed
- schemes completed, under execution
- current tenders and Board related GOs and BPs adopted

4. Date of launch of the Project

1998

5. Geographical Coverage

Web portal

6. Beneficiary of the Project

Both public and other Government agencies concerned

7. Project Scope Approach and Methodology

The web portal contains a web based application for online hosting of tender notices and free downloading of tender document by the interested persons to enable them to participate in the tenders.

The portal is also periodically updated on the water supply scheme status, sewerage scheme status and other activities of the Board.

8. Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project

Any interested person can understand about the Board, Water supply, sewerage schemes carried out by the Board, schemes in formulation and District water supply status.

Current tenders floated by the Board can be downloaded from the portal at free of cost.
21.7 Greater Chennai Corporation - Work Model

1. Name of the Department: Greater Chennai Corporation
2. Status of the Host/Owner: Greater Chennai Corporation
3. Name of the Owner Organization: Greater Chennai Corporation
4. Name of the Project: Work Model
5. Name of the Contact Person: M.V.KRISHNA KUMARI, Senior System Manager
6. Contact address: Greater Chennai Corporation Rippon Building, Chennai 3.
7. Telephone/Fax/eMail: 9444173345 / edp@chennaicorporation.gov.in

8. Project Summary:

The Works Project is for Creation, Implementation, Managing and Maintaining the Assets of the Corporation of Chennai.

The Major aspects covered under the scope for the works Project are

2. Tender Notice and Tender Schedule
3. E-Tender and Tender Negotiation
4. Letter of Intent and Work Order Issue
5. Abstract Mbook creation
6. Contractor Bills
7. Centralized Concurrence for the Payments
8. RTGS Payments
9. Completion Certificate
10. Assetization of the Expenses incurred including the overhead expenses.

Unique features in the Works Module

- Tablet Based Solution for Mbook Recording and Provision to take snaps of the Work in progress
- Schedule of Rates with Date range is used in creation of Estimates
- Linking of Assets at the Estimate Stage with a unique project code to account the expenses
- Validation of the work order quality during the Contractor Billing
- Budget Control and Validation during planning the billing stages

Advantages and Benefits of the Project

1. Validation of the Schedule of Rates across Estimates from all the Departments
2. Control and Validation of the Order Quantity on release of Bills
3. Completion Certificate and Assetization of the Expenses
4. Consolidated MIS for Review of ongoing works

9. Date of the Launch of the Project:

2011-2012.

10. Geographical Coverage:
The Geographical coverage of the Module is within the jurisdiction of Corporation of Chennai which extends upto 426 Square KM.

11. Beneficiary of the Project:

I. Contractors
- Transparency in the Tender Process through e-Tender
- Complete details about the Security Deposits, EMD and other payments due for the Contractor with timeline
- RTGS Payments for the Bills

II. Corporation of Chennai Officials
- Unified Schedule of Rates with effective dates across Corporation of Chennai
- Preparation of Abstract Estimate is easy and time saving
- Error Creeping in Computation is brought to NIL
- Online Budgetary Appropriation and Budget Appropriation Register helps the Officials to plan the Works effectively.
- Contractor Bill verification and control is atomized
- Budget check for payment is atomized
- Completion Certificate and Assetization is atomized
- MIS of the ongoing works can be generated as and when required. Effort spent in Collation of Data is reduced
- Review of the ongoing works across Departments and Nature of Activities are clear with consolidated Data Views

III. Service Departments
- The Service Departments can know the plans and progress of the Works to be taken up by Corporation of Chennai. With this they can plan their works which involves interaction and permission from Corporation of Chennai.

12. Problem Statement:
- Creating Estimates for same time of works in a time consuming process
- User can make mistakes in entering correct schedule of rates in the estimate.
- There can be calculation error during estimate creation.
- Estimate is not integrated with financials.
- Estimate integration to asset is not possible
- Estimate technical, financial and administrative sanction is a time consuming activity as it should go through several designation and departments for approval.
- Project tracking with mile stone is difficult user cannot track the project with its current status.
- Work package, work order abstract, MB abstract, contact certificate, completion certificate should be created manually
- Tracking advance paid to contractor, EMD and security deposit issued to a contractor manually is complex.
- Generating MIS reports for a project is time consuming process as the engineer will have to fetch the data for multiple to register.

13. Project Objectives:
- To overcome the problem faced in manual work process, like estimate number preparation, Time consuming in estimate preparation, Monitoring the fund availability, Report Generation, Monitoring physical and financial progress, status of work completion etc., the project WORK MODULE is created.
14. **Project Scope Approach and Methodology:**

Abstract Estimate Creation with the standardized Schedule of Rates. Technical, Budgetary and Administrative Approval Online Work flow process

- Tender Process, Negotiation Process and Work Order Issuial
- Physical Monitoring of the Works by Officials and provision to record the progress with an online Abstract Mbook.
- Contractor Bill Generation using the Mbook
- Payments to the Contractor through RTGS
- Completion Certificate Generation

15. **Result achieved Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project:**

- Throughput of 1,500 estimates /month
- Reduction in estimate creation time from 4 hours to 10 minutes Average estimate approval cycle reduced from 7-10 days lo 1-2 days
- Reduction in creating measurement book entry from 6 hours to 15 minutes Generation of Weekly reports (4000 pages within 10 mins)
- Elimination of Excess Payments, Reduction in Audit Query Validation of Tender Rate/Qty
- MIS Reports reflects Real Time Data. No option to modify/tinker the report
14. Project Scope Approach and Methodology:

Abstract Estimate Creation with the standardized Schedule of Rates. Technical, Budgetary and Administrative Approval Online Work flow process

- Tender Process, Negotiation Process and Work Order Issual
- Physical Monitoring of the Works by Officials and provision to record the progress with an online Abstract Mbook.
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22. MICRO, SMALL AND MEDIUM ENTERPRISES DEPARTMENT
22.1 NEEDS (New Entrepreneur-Cum-Entrepreneurship Development Scheme)

1. Name of the State Ministry: Tamil Nadu/Department of Industries and Commerce, Govt. of Tamil Nadu
2. Status of the host/owner: National Informatics Centre (NIC), Besant Nagar, Chennai-90
3. Name of the Owner Organization: Department of Industries and Commerce
4. Name of the Project: 1. NEEDS (New Entrepreneur-Cum-Entrepreneurship Development Scheme)
   www.msmeonline.tn.gov.in/needs
5. Name of the Contact Person: A.S. Purushothaman, System Analyst/Assistant Director (e-Gov)
6. Contact Address: Department of Industries and Commerce, SIDCO Corporate Office Building,
   Thiru-Vi-Ka Industrial Estate, Guindy, Chennai 600 032.
7. Telephone /Fax/E-Mail: Ph:044-22502016, FAX:044-22505003, e-mail: indcom@tn.gov.in

8. Project Summary:
NEEDS - to enable the first generation entrepreneur to obtain a subsidy linked financial assistance from
financial institutions up to Rs.5.00 Crore to establish their own enterprises

9. Date of Launch of the Project:
26.02.2015

10. Geographical Coverage:
Anywhere within the State

11. Beneficiary of the Project:
16,154 beneficiaries applied through online

12. Project Objectives:
To enable the entrepreneurs to file their applications online from their door step at any time

13. Project Scope Approach and Methodology:
The Flows involved in the Scheme are as follows:
- Application filed by the entrepreneur through online is verified and called for Task Force Committee Meeting
  (TFC). Application will be recommended to the bank based on the recommendations of the TFC
- Bank will issue provisional sanction order
- Based on the provisional sanction order, EDP training will be imparted to the individual through EDII.
- On completion of training, final sanction order will be issued by the bank to release the loan.
- On disbursement of loan, state subsidy component will be adjusted with the loan
- The subsidy component will be released to the bank as per NEEDS guidelines.

Results achieved /Value delivered to the beneficiary of the project and other distinct feature/accomplishment
of the project:
i) Applicant can file the application online and track the status of the applicant at any time.
ii) Transparency in processing and disbursement of subsidy.
iii) Administration can monitor the scheme implementation.
22.1 NEEDS (New Entrepreneur-Cum-Entrepreneurship Development Scheme)

8. Project Summary:
NEEDS - to enable the first generation entrepreneur to obtain a subsidy linked financial assistance from financial institutions up to Rs.5.00 Crore to establish their own enterprises.

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- The subsidy component will be released to the bank as per NEEDS guidelines.

14. Results achieved /Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:

i) Applicant can file the application online and track the status of the applicant at any time.

ii) Transparency in processing and disbursement of subsidy.

iii) Administration can monitor the scheme implementation.
22.2 UYEGP (Unemployed Youth Employment Generation Programme)

1. Name of the Department: Department of Industries and Commerce.
2. Status of the host/owner: National Informatics Centre (NIC), Besant Nagar, Chennai-90
3. Name of the Owner Organization: Department of Industries and Commerce
4. Name of the Project: UYEGP (Unemployed Youth Employment Generation Programme)  
   [www.msmeonline.tn.gov.in/uyegp]
5. Name of the Contact Person: A.S. Purushothaman, System Analyst/ Assistant Director (e-Gov)
6. Contact Address: Department of Industries and Commerce, SIDCO Corporate Office Building, Thiru-Vi-Ka Industrial Estate, Guindy, Chennai 600 032.
7. Telephone /Fax/ E-Mail: Ph:044-22502016 FAX:044-22505003 e-mail: indcom@tn.gov.in

8. Project Summary:
   UYEGP - to enable the unemployed youth to obtain a financial assistance up to Rs.10.00 Lakh to establish their own enterprise

9. Date of Launch of the Project:
   01.08.2017

10. Geographical Coverage:
    Anywhere within the State

11. Beneficiary of the Project:
    20,144 beneficiaries applied through online

12. Project Objectives:
    To enable the entrepreneurs to file their application through online from their door step at any time

13. Project Scope Approach and Methodology:
    The Flow involved in the Scheme are as follows:
    - Application filed by the entrepreneur through online is verified and called for Task Force Committee Meeting (TFC). Application will be recommended to the bank based on the recommendations of the TFC
    - Bank will issue sanction order
    - Based on the sanction order, EDP training will be imparted to the individual through EDII.
    - On completion of training, loan will be disbursed by the bank.
    - On disbursement of loan, subsidy component will be released to the bank and kept in the TDR account of the beneficiary for 3 years and on completion of 3 years subsidy component will be adjusted in the loan amount.
14. **Results achieved /Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:**

- Applicant can able to file the application through online and track the status of the applicant at any time.
- Transparency in processing and disbursement of subsidy.
- Administration can able to monitor the scheme implementation.

---

**22.3 SWP (Single Window Portal for MSME)**

1. Name of the Department: Department of Industries and Commerce
2. Status of the host/owner: State Data Centre
3. Name of the Owner Organization: Guidance Bureau
4. Name of the Project: SWP(Single Window Portal for MSME) [https://easybusiness.tn.gov.in/msme](https://easybusiness.tn.gov.in/msme)
5. Name of the Contact Person: A.S. Purushothaman, System Analyst/ Assistant Director(e-Gov)
6. Contact Address: Department of Industries and Commerce, SIDCO Corporate Office Building, Thiru-Vi-Ka Industrial Estate, Guindy, Chennai 600 032.
7. Telephone /Fax/E-Mail: Ph:044-22502016 FAX:044-22505003 e-mail: indcom@tn.gov.in

**8. Project Summary:**

SWP for MSME- to enable the entrepreneurs to file a common application to get NOC/Clearance/ Approval from various line departments like, Director of Town and Country Planning, Tamil Nadu Pollution Control Board, Chief Electrical Inspectorate, TANGEDCO, Dept. of Industrial Safety and Health (DISH) and Local Bodies under one platform.

**9. Date of Launch of the Project:**

04.05.2018

**10. Geographical Coverage:**
11. **Beneficiary of the Project:**

175

12. **Project Objectives:**

To enable the entrepreneurs to file their application online from their door step at any time

13. **Project Scope Approach and Methodology:**

Investor would be able to file a common application to get various clearances/approvals/NOCs from various line departments through single online Platform without visiting various departments.

14. **Results achieved /Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project:**

- More transparency in processing the application and enabling the investor to know each stage of the application.
- Investor can obtain the approval within the time frame fixed under the Tamil Nadu Business Facilitation Act, 2018.
- Department can monitor the status.
22.4 Upgradation of department website new Social media platform such as Facebook, Twitter and Youtube

1. Name of the Department
   Department of Industries and Commerce

2. Status of the host/owner
   NIC Server

3. Name of the Owner Organization
   Department of Industries and Commerce

4. Name of the Project
   Upgradation of department website new Social media platform such as Facebook, Twitter and Youtube

5. Name of the Contact Person
   A.S. Purushothaman,
   System Analyst/ Assistant Director(e-Gov)

6. Contact Address
   Department of Industries and Commerce,
   SIDCO Corporate Office Building,
   Thiru-Vi-Ka Industrial Estate,
   Guindy,
   Chennai 600 032.

7. Telephone /Fax/E-Mail
   Ph:044-22502016 FAX:044-22505003
   e-mail: indcom@tn.gov.in,

8. Project Summary:
   Redesigned and Upgraded Department website
   www.indcom.tn.gov.in

9. Date of Launch of the Project
   04.05.2018

10. Geographical Coverage
    Anywhere within the State

11. Beneficiary of the Project
    MSMEs

12. Project Objectives
    User friendly and easy to know about the departmental activities and the schemes implemented by the Department

13. Project Scope Approach and Methodology
    Disseminate the information relating to departmental schemes and activities through social media platforms.

14. Results achieved /Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project:
    - More information about departmental activities are easily available to entrepreneurs and citizens.
    - Greater transparency and accountability in the department’s activities.
வெளியிலும், குழுவிலும் வழிபாட்டு உரை, மாணவர்கள் 4.5.2018 இன்று வசாக மொழிபாட்டுகள் நடத்தியது. இவ்வுடன் நிறைவாக வெளியிலும் குழுவிலும் வழிபாட்டு உரை மற்றும் வழிபாட்டு குழுவிலும் வழிபாட்டு உரை அறிவிக்கப்பட்டது. இது மேற்கொள்ளும் காலங்களில் வழிபாட்டு உரைகளுக்கு உதவும் வழிபாட்டு உரைகள் நடைபெறுகின்றன. இவ்வுடன் நிறைவு பெற்ற வழிபாட்டு உரை மற்றும் வழிபாட்டு குழுவிலும் வழிபாட்டு உரை அறிவிக்கப்பட்டது.
23. PLANNING, DEVELOPMENT AND SPECIAL INITIATIVES
23.1 e-Evaluation System

1. Name of the Department: Evaluation and Applied Research Department
2. Status of the Host / Owner: Government
   Director (Full Additional Charge)
4. Name of the Project: E-Evaluation System
5. Name of the Contact Person: C.S. Viknesh Kumar
   Research Officer
6. Contact Address: 3rd Floor, Kuralagam Building, Broadway, Chennai – 108.
7. Telephone / Fax / E-Mail: 25340442 / 25351910 / direar@tn.nic.in
8. Project Summary:

E-Evaluation system intends to carry out digital data collection of data from the government scheme beneficiaries and preparation of reports to the Government for course corrections and assessment of the impact of the schemes. The total project cost sanctioned is Rs.78.84 Lakhs for a period of four years 2015-16, 2016-17,2017-18,2018-19 and an amount of Rs.59.33 Lakhs has been spent so far under TANII

9. Date of Launch of the Project:

Awaiting completion of hoisting formalities in the State Data Centre (SDC)

10. Geographical Coverage:

Tamil Nadu

11. Beneficiary of the Project:

E and AR Departmental functions are digitized and speeded up for a timely submission of evaluation reports to the Government.

12. Problem Statement:

Paperless, time line data collection

13. Project Objectives:

Service to tackle the identified issue /problem that would lead to a substantial improvement in developmental/governance outcomes

14. Project Scope Approach and Methodology:

1. Collection of data using tablets with our own Data Collection Software Dear Data Collection Kit (DDK)
2. Online storage in our own dedicated website and retrieval, analysis of data of data by using advanced Statistical package such as SPSS.
3. Using the service of consultant and train the technical staff for sustaining the project.
15. Results achieved / Value Delivered to the Beneficiary of the Project and other District feature / Accomplishment of the Project:

1. Dear Data Collection Kit (DDK) is in use and being tested using Demo. Server and dedicated server in ELCOT will be shortly used.
2. Our own website contents are ready. Security audit and SSL (Secure Sockets Layer) certificate obtained.
23.2 Website and Survey Application Portal

1. Name of the Department: Department of Evaluation and Research

2. Status of the Host / Owner:
   - Hosting: Server at State Data Centre
   - Status: Active (https://www.direar.tn.gov.in/)
   - (https://www.direar.tn.gov.in/survey)

3. Name of the Owner Organization: Department of Finance (Planning).

4. Name of the Project: Website and Survey Application portal

5. Name of the Contact Person: Mr. Vignesh Kumar


7. Telephone/Fax/eMail: 044-25340442

8. Project Summary
   Department of Evaluation and Applied Research – DEAR has been undertaking Evaluation of different programmes and projects for better formulation and implementation. For the past 40 years, Dept. E and AR has undertaken 729 evaluation studies in various sectors.

   Department of E and AR conducts evaluation studies: the major activity is to collect primary data from the beneficiaries at the field level across Tamil Nadu. The surveyed data are processed and various reports are generated.

9. Date of Launch of Project
   16.08.2018

10. Geographical coverage
    Tamil Nadu State

11. Beneficiary of the Project
    Department Staff and its own organization

12. Problem Statement
    The entire process was carried out manually in papers (as hard copies).

    1. Only at the end of every survey, survey results verified and mismatch/wrong data was not able to correct since survey was conducted in remote locations.
    2. Loss of data since survey was conducted with hard copies (Papers).
    3. Completing a survey taking long period.

    There was no website for department and hence public was not able to view detailed information about the department and its services.

13. Project Objectives
The main objective is to enable the Department to create various survey forms which can be pushed /assigned to different to field officers to conduct survey. Also enables the surveyor to submit the completed survey records through Tablet online.

Website for Department of E and AR with provision to update/maintain content dynamically.

14. Project Scope, Approach and Methodology

1. Dedicated website for DEAR department in CMS technology so that content of the website can be updated by DEAR department staff itself whenever required.
2. Survey web application where DEAR department Admin user of this application to create different users and roles for creating Questions and Multiple answer types. The department users will have permission to create surveys and post surveys to users assigned for taking surveys.
3. Tablet device application for accessing survey forms assigned and answer the questions through this tablet device from various locations for various Tamil Nadu State government departments. Centralized data sync with Tablet App and web app for data reports.

15. Results Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project

Simplified department work. Reports can be viewed online and enables proper decision making. Within 4 months after implementation, completed 21 Surveys types out of 25.

<table>
<thead>
<tr>
<th></th>
<th>Web application</th>
<th>Tablet application</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Red hat</td>
<td>Android</td>
</tr>
<tr>
<td>Framework</td>
<td>PHP, MVC Framework</td>
<td>RX java, MVC Framework</td>
</tr>
<tr>
<td>Database</td>
<td>MY SQL</td>
<td>SQLite</td>
</tr>
<tr>
<td>Web server</td>
<td>Apache</td>
<td>Java</td>
</tr>
<tr>
<td>UI</td>
<td>HTML, JavaScript, jquery, CSS3</td>
<td>XML</td>
</tr>
</tbody>
</table>

The Product/Application Size

<table>
<thead>
<tr>
<th>Modules</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic Pages</td>
<td>90 + Web pages</td>
</tr>
<tr>
<td>PHP Classes</td>
<td>150+</td>
</tr>
<tr>
<td>Database Tables</td>
<td>67+</td>
</tr>
<tr>
<td>Source Statements</td>
<td>1200+</td>
</tr>
<tr>
<td>Java script</td>
<td>40+</td>
</tr>
<tr>
<td>Jquery Scripts</td>
<td>100+</td>
</tr>
</tbody>
</table>
Configurable work flow 45+
Configurable application parameters 425+
Tablet application 14 Screens
Database Tables 14+

Tools/Software Application and Infrastructure

<table>
<thead>
<tr>
<th>Server Environment</th>
<th>LINUX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defect Tracking Tool</td>
<td>Burp Suite</td>
</tr>
<tr>
<td>Project Management (Internal application)</td>
<td>ActivCollab</td>
</tr>
<tr>
<td>Build Stack</td>
<td>Apache, PHP, MySQL</td>
</tr>
<tr>
<td>Automated builds</td>
<td>Apache Continuum</td>
</tr>
</tbody>
</table>

**APPLICATION FLOW - WEB and TABLET Devices**

![Diagram of application flow between web and tablet devices](image-url)
Data Push Workflow

- Tablet Devices
  - Answer for Questions in Survey forms
    - If Answers Completed
      - Submit Form
      - Incomplete
        - Save completed answers and edit/submit later
    - If Answers Not Completed
      - Save data offline
- Admin/Department Users
  - Save Reports to Database
- Web Application Database
  - Submit Data When Internet is ON
- Tablet App Offline Database
  - If Internet is Off
    - No Internet
Application Screenshot

Web Application

Dashboard

Report Generation

Web Application
24. PUBLIC DEPARTMENT

Tamil Nadu e-Governance Agency

24.1 e-Governance application to the Department of Ex-Servicemen Welfare Board

1. Name of the Department: Public Department
2. Status of the host/owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organisation: Department of Ex-Servicemen Welfare Board
4. Name of the Project: e-Governance application to the Department of Ex-Servicemen Welfare Board
5. Name of the Contact Person: Director, Directorate of Ex-Servicemen Welfare Board, Shri Chandrasekaran, Technical Director, NIC, chandra.tn@nic.in
6. Contact Address: Director, Directorate of Ex-Servicemen Welfare Board, 22, Raja Muthiah Salai, Chennai 600 003.
7. Telephone/Fax/Email: 9445568177, exweldte@tn.gov.in
8. Project Summary: e-Governance application to the Department of Ex-Servicemen Welfare Board
9. Date of launch of the Project: May, 2014
10. Geographical Coverage: All Over Tamil Nadu
11. Beneficiary of the Project: Ex-Service Personnel across the State, all O/o The Joint Directors of Ex-Service personnel Welfare Board in the State and the O/o The Director, Ex-Service Personnel Welfare board, Tamil Nadu
12. Problem Statement: Census/Profile details of about 175,000 Ex-Service Personnel are to be compiled and registered first. Then, automation of issue of various Certificates to Ex-Service Personnel and their kith and kin is to be automated. Moreover, Registration of Employment to Ex-Service Personnel is to be automated.
13. Project Objectives: Census/Profile details of about 175,000 Ex-Service Personnel are to be compiled and registered first. Then, automation of issue of various Certificates to Ex-Service Personnel and their kiths and kinns is to be automated. Moreover, Registration of Employment to Ex-Service Personnel is to be automated.
14. Project scope approach and methodology: A web enabled solution (RWD complied) is developed using open source Technology. A workflow based system is developed with the purpose of capturing, processing, storing disseminating information and monitoring at various levels. Following activities are covered: Ex-Servicemen Registration, Certificate Generation and Registration of Employment.
15. Results achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishment of the project:

http://esmwel.tn.gov.in
### 24.1 e-Governance application to the Department of Ex-Servicemen Welfare Board

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Name of the Department</td>
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<tr>
<td>2</td>
<td>Status of the host/owner</td>
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<tr>
<td>3</td>
<td>Name of the Owner Organisation</td>
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<tr>
<td>4</td>
<td>Name of the Project</td>
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<tr>
<td>5</td>
<td>Name of the Contact Person</td>
</tr>
<tr>
<td></td>
<td>Shri Chandrasekaran, Technical Director, NIC</td>
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<tr>
<td>6</td>
<td>Contact Address</td>
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<td>Telephone/Fax/Email</td>
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<td><a href="mailto:exweldte@tn.gov.in">exweldte@tn.gov.in</a></td>
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<td>10</td>
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<td>Project scope approach and methodology</td>
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<td>15</td>
<td>Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishment of the project</td>
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</table>
Census Details about 175,000 Ex-Service Personnel are made available digitally. 2509 beneficiaries have received respective certificates.
# 24.2 Court Cases Monitoring System for all Departments in the Secretariat

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<tbody>
<tr>
<td>1</td>
<td>Name of the Department</td>
<td>All 32 Departments in Secretariat</td>
</tr>
<tr>
<td>2</td>
<td>Status of the host/owner</td>
<td>Government of Tamil Nadu, Software support by NIC</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organisation</td>
<td>Public Department</td>
</tr>
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<td>Name of the Project</td>
<td>Court Cases Monitoring System for all Departments in the Secretariat</td>
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<tr>
<td></td>
<td></td>
<td><a href="http://www.agaram.tn.gov.in/ccmsnew">http://www.agaram.tn.gov.in/ccmsnew</a></td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Special Secretary, Public Department</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shri Chandrasekaran, Technical Director, NIC</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:chandra.tn@nic.in">chandra.tn@nic.in</a></td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Public (CCMS) Department, Fort St.George, Secretariat, Chennai 600 009</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/Email</td>
<td>044-25670101</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:pubccms@tn.gov.in">pubccms@tn.gov.in</a></td>
</tr>
</tbody>
</table>

### Project Summary

Court Cases Monitoring System for all Departments in the Secretariat

### Date of launch of the Project

October, 2016

### Geographical Coverage

All 32 Secretarial Departments

### Beneficiary of the Project

All 32 Secretariat Departments.

### Problem Statement

Monitoring the progress of court cases in Government – High Court and above and to have a vigil over Contempt Cases.

### Project Objectives

To Monitor the progress of court cases in Government – High Court and above. A Web enabled system collects information on court cases of a department in the Secretariat on various categories like General Information, Interim Order, Draft reply affidavit/remarks/stay vacation petition, Pending with Court for Final Order, Final Order, Writ Appeal and Supreme Court Order, with suitable reports.

### Project scope approach and methodology

Web enabled system developed in open source technology (RWD complied) collects information on court cases of all the Department in the Secretariat. It generates various Queries/Reports and Dash Board based on Court, Case, Subject, Seat, etc. Dash Board for all Levels. Assistance to deal with Contempt cases exclusively. Various types of Reports and Queries Alert on Contempt.
15 Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishment of the project

The Chief Secretary to Government reviews the cases periodically and contempt cases are monitored regularly.
24.3 Public Grievances Redressal Monitoring System (CMCELL)

1. Name of the Department: Chief Minister's Special Cell
2. Status of the host / Owner: Government of Tamil Nadu
3. Name of the Owner Organization: Chief Minister's Special Cell
4. Name of the Project: Public Grievances Redressal Monitoring System
   Online Petition Filing System
   CMCELL Online Reply System
5. Name of the Contact Person: Special Officer, CMCELL, Secretariat, Chennai.
   Ms Gomathi, Scientist D, NIC
gomathi@nic.in
6. Contact Address: Special Officer, CMCELL, Secretariat, Chennai.
7. Telephone / Fax / eMail: cmcell@tn.gov.in

8. Project Summary
   Petitions submitted by Citizens at CMCELL counter, through Online, by POST, email and various other sources are accepted and forwarded to concerned officers for grievance redressal. The replies given by the concerned officers are verified and updated in the database. Hard copy of the replies are sent to the petitioners by the concerned offices.

9. Date of launch of the Project
   11.08.2012

10. Geographical Coverage
    All over Tamil Nadu.

11. Beneficiary of the Project
    Citizens

12. Problem Statement
    Grievance Redressal

13. Project Objectives
    • Citizens can submit their grievances to Chief Minister's Special Cell and then they are digitally and manually forwarded to the concerned officers.
    • Citizens can submit petitions Online and can view the status of the Online petitions.
    • District Offices/ Departments/Subordinate Officers have individual logins and they can view the petitions forwarded to them. They can also submit the action taken report using the system.
    • Various types of reports are made available for Citizens, Concerned Officers and CMCELL officers.

14. Project Scope, Approach and Methodology
    This online application was designed, developed and implemented all over Tamil Nadu by NIC.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project
    Effective redressal of CMCELL grievances has been achieved using the software.
No. of Online users – 237,661
No. of Online Petitions – 263,940
No. of Feedbacks received – 25,788
No. of Petitions received – 2,177,573
25. REVENUE DEPARTMENT
25.1 Survey and Land Records.

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>The Revenue and Disaster Management Department, Survey and Land Records.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Statue of the host/Owner</td>
<td>State Government</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Survey and Land Record Department</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>TamilNilam (Rural and Urban), Collabland and 'Amma' Mobile application.</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Additional Director of Survey and Land Records (Computerization and Schemes)</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Directorate of Survey and Settlement, Survey House, Chepauk, Chennai-5.</td>
</tr>
</tbody>
</table>
| 7 | Telephone/Fax/E-mail | for Director  
Fax – 28520894  
Phone No: 28511210  
for ADOS (CandS)  
Fax – 28520894  
Phone No: 28544095 |

8. Project Summary

e-service of Land Records (Patta, Chitta, FMS, TSLR)

9. Date of Launch of the Project

09.11.2014

10. Geographical Coverage

Whole Tamil Nadu

11. Beneficiary of the Project

General Public

12. Problem Statement

-

13. Project Objectives

-

14. Project Scope approach and Methodology

-
15. Results achieved /Value delivered to the beneficiary of the project and other distinct feature/ accomplishment of the project.

(i) Receipt of OPT application through CSCs.
(ii) Online Processing of the application by department officials
(iii) Approval of application using Digital Signature of Zonal Deputy Tahsildar and Tahsildar.
(iv) Provision for viewing / downloading of Patta/Chitta/FMS/TSLR through e-service "Anytime and Anywhere"
   http://eservices.tn.gov.in

No. of applications approved from 09.11.14 to 14.09.18 – 23,79,442
25.2 e-District Project for Revenue Services

1. Name of the Department: Revenue Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Revenue Department
4. Name of the Project: Revenue Services
   https://edistricts.tn.gov.in
5. Name of the Contact Person:
   1. Shri J. Arunkumar, Senior Technical Director, NIC
   2. Smt. Ramana Saraswathi, JCEO, TNeGA
6. Contact Address:
   TNeGA, Alwarpet, Chennai
7. Telephone / Fax / eMail:
   1. 044-24917850, j.arunkumar@nic.in
   2. 044-24336643, ramanasaraswathi@tn.gov.in

8. Project Summary
   eDistrict for Revenue Services enables the Citizens to provided login for registering their applications.

9. Date of launch of the Project
   10/10/2010

10. Geographical Coverage
    All over Tamil Nadu

11. Beneficiary of the Project
    Citizen and Revenue Department

12. Problem Statement
    To provide digitally signed revenue certificates for Income, Nativity, Community, Deserted Women and First Graduate

13. Project Objectives
    To computerize the workflow system and internal process of the administration and delivery of the services to the Citizens through CSCs.

14. Project Scope Approach and Methodology
    Online System has been developed and integrated with Indian Overseas Bank Payment Gateway which has interface for 50+ Net Banking, Credit Card and Debit Card.
    The system has been successfully implemented.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project
    On an average 50,000 applications are submitted at CSC per day across 11,000 CSC's. Citizens can login and check their status by using this System. Revenue Department is also viewing the contribution details online.
1. Name of the Department: Revenue Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Revenue Department
4. Name of the Project: Revenue Services
5. Name of the Contact Person:
   1. Shri J. Arunkumar, Senior Technical Director, NIC
   2. Smt. Ramana Saraswathi, JCEO, TNeGA
6. Contact Address: TNeGA, Alwarpet, Chennai
7. Telephone / Fax / eMail:
   1. 044-24917850, j.arunkumar@nic.in
   2. 044-24336643, ramanasaraswathi@tn.gov.in
8. Project Summary:
eDistrict for Revenue Services enables the Citizens to register their applications.
9. Date of launch of the Project: 10/10/2010
10. Geographical Coverage: All over Tamil Nadu
11. Beneficiary of the Project: Citizen and Revenue Department
12. Problem Statement: To provide digitally signed revenue certificates for Income, Nativity, Community, Deserted Women and First Graduate
13. Project Objectives:
   To computerize the workflow system and internal process of the administration and delivery of the services to the Citizens through CSCs.
14. Project Scope Approach and Methodology:
   Online System has been developed and integrated with Indian Overseas Bank Payment Gateway which has interface for Net Banking, Credit Card and Debit Card. The system has been successfully implemented.
15. Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project:
   On an average 50,000 applications are submitted at CSC per day across 11,000 CSC's. Citizens can login and check their status by using this System. Revenue Department is also viewing the contribution details online.
25.3 Social Security Scheme Computerisation

1. Name of the Department: Revenue Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Revenue Department, Commissioner of Revenue Administration
4. Name of the Project: Social Security Scheme
   https://oap.tn.gov.in/
5. Name of the Contact Person:
   1. Mr. Stephen C. Amirtharaj, Senior Technical Director, NIC
   2. Mr. Senthil, Assistant Commissioner
6. Contact Address: Namakkal Kavignar Maaligai, Fort St. George, Chennai 600 009
7. Telephone / Fax / eMail:
   1. 044-24917850, stephen@nic.in
   2. 044-28525034, ad-cra@nic.in

8. Project Summary
   A State Government back office software for fund management and processing of schedule preparation.

9. Date of launch of the Project
   1/6/2014

10. Geographical Coverage
    All over Tamil Nadu

11. Beneficiary of the Project
    Women, Physically Challenged Person and Srilankan Refugees.

12. Problem Statement
    To prepare the monthly schedules for disbursement of pension through ECS(beneficiaries bank account) through Treasury. To do the fund allocation from State to District, District to Taluks.

13. Project Objectives
    To maintain the database of the OAP Beneficiaries and monitor the fund and disbursement of each installment of the Scheme

14. Project Scope Approach and Methodology
    Online System has been developed and integrated with Indian Overseas Bank Payment Gateway which has interface for 50+ Net Banking, Credit Card and Debit Card. The system has been successfully implemented since 1/1/2016 onwards.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project.
    • 29.42 lakh beneficiaries are being paid an amount of Rs.1000 per month through Banks
- Fund management across District / Taluk is done through this system.

- 99.67 % beneficiaries have been seeded with Aadhaar Number. More than 17,000 Crore distributed through this software from June 2014.
# 25.4 Chief Minister’s Uzhavar Padhukappu Thittam (CMUPT)

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Land Reforms</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Status of the host / Owner</td>
<td>Government of Tamil Nadu, Software support by NIC</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Revenue Department</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Chief Minister’s Uzhavar Padhukappu Thittam (CMUPT)</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="https://oap.tn.gov.in/cmupt">https://oap.tn.gov.in/cmupt</a></td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>1. Mr. Stephen C. Amirtharaj, Senior Technical Director, NIC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Mr. John, Superintendent</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Ezhilagam, Chepauk, Chennai - 5</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / eMail</td>
<td>1. 044-24917850, <a href="mailto:stephen@nic.in">stephen@nic.in</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. 9445402827, <a href="mailto:landreforms@nic.in">landreforms@nic.in</a></td>
</tr>
</tbody>
</table>

8. **Project Summary**

A State Government back office software for fund management and processing of schedule preparation

9. **Date of launch of the Project**

13/09/2015

10. **Geographical Coverage**

All over Tamil Nadu

11. **Beneficiary of the Project**

Citizens

12. **Problem Statement**

To generate schedules for beneficiaries of Farmer Security Scheme and monitor the disbursement of funds from State to Districts, Districts to Taluks

13. **Project Objectives**

To maintain the database of the CMUPT Beneficiaries and for monitoring the fund and disbursement of each instalment of the Scheme

14. **Project Scope Approach and Methodology**

Online System has been developed and integrated with all Banks.

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project**

- Total Number of beneficiaries is 9.58 lakhs.
- Schedules for all 31 Districts have been generated.
- Assistance deposited through ECS.
- 23.74% Beneficiaries updated with Aadhaar
- More than 800 Crore has been disbursed till date
**Chief Minister's Uzhavar Padhukappu Thittam (CMUPT)**

1. **Name of the Department**
   Land Reforms

2. **Status of the host / Owner**
   Government of Tamil Nadu, Software support by NIC

3. **Name of the Owner Organization**
   Revenue Department

4. **Name of the Project**
   Chief Minister's Uzhavar Padhukappu Thittam (CMUPT)

5. **Name of the Contact Person**
   1. Mr. Stephen C. Amirtharaj, Senior Technical Director, NIC
   2. Mr. John, Superintendent

6. **Contact Address**
   Ezhilagam, Chepauk, Chennai - 5

7. **Telephone / Fax / eMail**
   1. 044-24917850, stephen@nic.in
   2. 9445402827, landreforms@nic.in

8. **Project Summary**
   A State Government back office software for fund management and processing of schedule preparation

9. **Date of launch of the Project**
   13/09/2015

10. **Geographical Coverage**
    All over Tamil Nadu

11. **Beneficiary of the Project**
    Citizens

12. **Problem Statement**
    To generate schedules for beneficiaries of Farmer Security Scheme and monitor the disbursement of funds from State to Districts, Districts to Taluks

13. **Project Objectives**
    To maintain the database of the CMUPT Beneficiaries and for monitoring the fund and disbursement of each instalment of the Scheme

14. **Project Scope Approach and Methodology**
    Online System has been developed and integrated with all Banks.

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project**
    - Total Number of beneficiaries is 9.58 lakhs.
    - Schedules for all 31 Districts have been generated.
    - Assistance deposited through ECS.
    - 23.74% Beneficiaries updated with Aadhaar
    - More than 800 Crore has been disbursed till date
25.5 e-District Project for Revenue Courts

1. Name of the Department: Revenue Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Revenue Department
4. Name of the Project: Revenue Courts
5. Name of the Contact Person: Mr K N Ramesh Babu
6. Contact Address: Commissionerate of Land Reforms, Ezhilagam, Chepauk
7. Telephone / Fax / eMail: 9994621475 landref@nic.in

8. Project Summary

The Special Deputy Collectors (Revenue Courts) are appellate authorities who decide appeals against the orders of the Tahsildars concerned in respect of the Tamil Nadu Agricultural Lands (Record of Tenancy Rights) Act, 1969.

9. Date of launch of the Project

Feb 2016

10. Geographical Coverage

10 Revenue Courts (Cuddalore, Mayiladuthurai, Tiruvarur, Thanjavur, Tiruchirapalli, Madurai, Lalgudi, Mannargudi, Tirunelveli and Nagapattinam with their jurisdiction)

11. Beneficiary of the Project

The appeal against the orders of Tahsildar on Tenancy Laws

12. Problem Statement

To prepare the cause list and proceedings

13. Project Objectives

To monitor the file disputes in Tenancy Laws cases / Mutation appeal cases along with the Back Office processing

14. Project Scope Approach and Methodology

Online System has been developed and brings out transparency on hearing date, proceedings and judgments/orders

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project

Complete workflow involved in Case filing/ Updation/ Proceedings and uploading the orders
MIS for State / District level officers are provided and used for monitoring the implementation of the project
25.5 e-District Project for Revenue Courts

1. Name of the Department: Revenue Department
2. Status of the host/Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Revenue Department
4. Name of the Project: Revenue Courts
5. Name of the Contact Person: Mr. K N Ramesh Babu
6. Contact Address: Commissionerate of Land Reforms, Ezhilagam, Chepauk
7. Telephone/Fax/eMail: 9994421475, landref@nic.in
8. Project Summary:
The Special Deputy Collectors (Revenue Courts) are appellate authorities who decide appeals against the orders of the Tahsildars concerned in respect of the Tamil Nadu Agricultural Lands (Record of Tenancy Rights) Act, 1969.

9. Date of launch of the Project: Feb 2016
10. Geographical Coverage: 10 Revenue Courts (Cuddalore, Mayiladuthurai, Tiruvarur, Thanjavur, Tiruchirapalli, Madurai, Lalgudi, Mannargudi, Tirunelveli and Nagapattinam with their jurisdiction)
11. Beneficiary of the Project: The appeal against the orders of Tahsildar on Tenancy Laws
12. Problem Statement: To prepare the cause list and proceedings
13. Project Objectives: To monitor the file disputes in Tenancy Laws cases/Mutation appeal cases along with the Back Office processing
14. Project Scope, Approach, and Methodology: Online System has been developed and brings out transparency on hearing date, proceedings, and judgments/orders
15. Results Achieved/Value delivered to the beneficiary of the project and other distinct feature/ accomplishment of the Project: Complete workflow involved in Case filing/ updation/ proceedings and uploading the orders.

MIS for State/District level officers are provided and used for monitoring the implementation of the project.
25.6 e-District Grievance Day Petition (GDP) /Petition Processing Portal

1. Name of the Department
   Revenue Department

2. Status of the host / Owner
   Government of Tamil Nadu , Software support by NIC

3. Name of the Owner Organization
   Revenue Department

4. Name of the Project
   e-District Grievance Day Petition (GDP) / Petition Processing Portal

5. Name of the Contact Person
   Shri V.P. Kannan, Senior Technical Director, NIC
   vpkannan@nic.in

6. Contact Address
   Commissioner (SSS), CRA Office, Ezhilagam, Chennai 600 005.

7. Telephone / Fax / eMail
   Telephone: 28525034
   Mobile: 944446881
   dirssss.cra@tn.gov.in

8. Project Summary

   The application facilitates the public to submit the petitions of their grievance as well as to view the status of the petitions at Collectorate counters, CSCs and online. The petitions are processed by the Collectorate and the concerned offices of all the Departments by forwarding the petitions back and forth hierarchically down the line till the action taken by the concerned officer is accepted by the Collectorate.

9. Date of launch of the Project
   July 2016

10. Geographical Coverage
    All over Tamil Nadu

11. Beneficiary of the Project
    Citizens

12. Problem Statement

    To facilitate the public to submit petitions, officers to process the petitions and the senior officers to monitor and review the petition processing.

13. Project Objectives

    - To facilitate the citizens to submit their petitions of grievance to the Collectorates and other Government Offices at Office Counters, CSCs and Online.
    - To see the status of the petitions online or through SMS or at one of the office counters stated above.
    - To forward the petitions to back-offices of different Government Departments to process the petitions. To facilitate the senior officers like Collectors, Directors and Commissioners to monitor the petition processing.

14. Project Scope, Approach and Methodology

    The application was designed, developed and implemented with Agile SDLC Methodology across Tamil Nadu and enhanced and maintained with Iterative SDLC Model by the NIC.
15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project.

e-District GDP system handles all the petitions related to the State Government Offices in the districts.

The following are the various categories of petitions covered:

1) Land and Allied Subjects  
2) Social Security Scheme  
3) Social Welfare Scheme/Other Schemes  
4) Civil Supplies  
5) Adi Dravidar/Backward Classes Welfare  
6) Government Servants/Appointments  
7) Licenses  
8) Law and Order / Complaints  
9) Rural/Urbane Development (Infrastructure)  
10) Loans / Financial Assistance  
11) Basic Amenities / Transport / Public Health  
12) Agriculture / Animal Husbandry / Fisheries  
13) Education  
14) Natural Disaster / Calamities  
15) Certificates  
16) Registration Office Subjects  
17) Ex-Servicemen Subjects  
18) Service Related (CRA Office)  
19) Court Cases Related (CRA Office)  
20) Land Related (CRA Office)  
21) RTI Related (CRA Office)  
22) Disaster Management Related (CRA Office)  
The following Transactions are available in the System:
• Submission of petition  
• Forwarding the petition  
• Returning the petition if unrelated  
• Taking Action on the petition and returning  
• Forwarding for further action  
• Endorsing the Subordinate's reply and returning  
• Disposing the petition as accepted or rejected  
• Temporary Action on the petition  

Features

1) Multi-departmental with multi-organizational patterns.  
2) Flow of petitions across multi-levels of offices.  
3) Subject-oriented GDPs like Agriculture GDP in addition to the General GDP.  
4) Printed / SMS (Tamil / English) acknowledgement to the petitioner.
5) QR Code on acknowledgements.
6) Status of petition at counters / CSCs / online.
7) SMS (Tamil / English) for disposal of the petition to the petitioner.
8) Uploading the scanned petitions and the final office order against the petitions.
9) OTP authentication for uploading office order.
10) Day-to-day Reports like Registers, Disposal Letters, Duplicate Petition Reports, Search Reports with parameters and pattern matching.
11) MIS Reports at all levels to monitor the petition processing within the respective jurisdiction.
12) Automated SMS and weekly e-mail on the pendency status of petitions to the senior officers.
13) Closed petitions can be reopened, if required.
14) e-District CAS and Central Log.
15) e-Wallet integration to test whether the CSC operator has enough funds before permitting him to enter new petitions.
16) A web service to provide the status of petition for PULL SMS run by BSNL.
17) Dashboard with two-layered graph and drill-down facility for the Coordinating Officers to monitor the petition processing status at various levels.
18) Listed in NIC Service Desk whose tickets, if any, are attended regularly.

Implementation Status

• Operational in all 12000+ CSCs, 32 District Collectorates, 85 RDO offices, 290 Taluk offices, 385 Blocks, 720 Urban bodies, and other offices of other departments like Agriculture, Education, Health, Engineering, Co-operative, and etc. in the district.
• Also implemented at State Level in some departments, viz., Commissioner of Land Records, Registration, Ex-Servicemen Welfare, etc.
• It involves about 1,200,000 petitions; 3,600,000 processing records per year and 13,500 users from multiple departments.
• Used for Governor’s visit to districts. Conducted State-level Workshops through VC.
5) QR Code on acknowledgements.
6) Status of petition at counters / CSCs / online.
7) SMS (Tamil / English) for disposal of the petition to the petitioner.
8) Uploading the scanned petitions and the final office order against the petitions.
9) OTP authentication for uploading office order.
10) Day-to-day Reports like Registers, Disposal Letters, Duplicate Petition Reports, Search Reports with parameters.
11) MIS Reports at all levels to monitor the petition processing within the respective jurisdiction.
12) Automated SMS and weekly e-mail on the pendency status of petitions to the senior officers.
13) Closed petitions can be reopened, if required.
14) e-District CAS and Central Log.
15) e-Wallet integration to test whether the CSC operator has enough funds before permitting him to enter new petitions.
16) A web service to provide the status of petition for PULL SMS run by BSNL.
17) Dashboard with two-layered graph and drill-down facility for the Coordinating Officers to monitor the petition processing status at various levels.
18) Listed in NIC Service Desk whose tickets, if any, are attended regularly.

Implementation Status
- Operational in all 12000 CSCs, 32 District Collectorates, 85 RDO offices, 290 Taluk offices, 385 Blocks, 720 Urban bodies, and other offices of other departments like Agriculture, Education, Health, Engineering, Co-operative, and etc. in the district.
- Also implemented at State Level in some departments, viz., Commissioner of Land Records, Registration, Ex-Servicemen Welfare, etc.
- It involves about 1,200,000 petitions and 3,600,000 processing records per year and 13,500 users from multiple departments.

District Level Petition Processing Dashboard

FIGURES FOR THE STATE:
- Received: 352302
- Accepted: 230161
- Rejected: 94789
- Pending: 27352

State Level Performance
- State-level Details
- Bar graph showing distribution of petitions across districts.
25.7 Taluk Online Petitions Monitoring System (TOPMS)

1. Name of the Department: Revenue Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Revenue Department
4. Name of the Project: Taluk Online Petition Monitoring System (TOPMS)
   http://gdp.tn.gov.in
5. Name of the Contact Person: Commissioner (SSS), CRA Office, Ezhilagam, Chennai 600 005.
   Shri V P Kannan, Senior Technical Director, NIC
   vpkannan@nic.in
6. Contact Address: Commissioner (SSS), CRA Office, Ezhilagam, Chennai 600 005.
7. Telephone / Fax / eMail: Telephone: 044-28525034
   Mobile: 9444446881
dirsss.cra@tn.gov.in

8. Project Summary

It is a customized version of e-District GDP for accepting applications to the various services provided by the Taluk Office. It uses the same organizational structure of the Revenue Department and the same user credentials of e-District GDP / Petition Processing Portal. The applications can be forwarded back and forth to the different officers within Taluk as well as to the Firkas. It has the facility to generate the registers of different types of applications.

9. Date of launch of the Project

July 2016

10. Geographical Coverage

All over Tamil Nadu

11. Beneficiary of the Project

Citizens

12. Problem Statement

To facilitate the public to submit applications for the taluk services, officers to process the applications and the senior officers to monitor and review the applications processing.

13. Project Objectives

- To accept the applications/petitions from the public at Taluk Level.
- To see the status of these petitions online or through SMS or at Taluk office counters.
- To forward the petitions to the officials in the Taluk Office and the Firka offices to process the petitions.
To facilitate the Tahsildars and other officers in the Taluk Office to monitor the petition processing.

14. Project Scope Approach and Methodology

The application was designed, developed and implemented with Agile SDLC Methodology across Tamil Nadu and, enhanced and maintained with Iterative SDLC Model by NIC.
15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

TOPMS system handles all the applications related to the Taluk Offices in the districts.

The following are the various categories of petitions covered:

1) Land and Allied Subjects
2) Social Security Scheme
3) Social Welfare Scheme/Other Schemes
4) Civil Supplies
5) Adi Dravidar/Backward Classes Welfare
6) Licenses
7) Law and Order / Complaints
8) Natural Disaster / Calamities
9) Certificates

The following Transactions are available in the System:

- Submission of application
- Forwarding the application
- Returning the application if unrelated
- Taking Action on the application and returning
- Forwarding for further action
- Endorsing the Subordinate’s reply and returning
- Disposing the application as accepted or rejected
- Temporary Action on the application

Features

1) Flow of petitions across multi-levels of offices.
2) Printed / SMS (Tamil / English) acknowledgement to the petitioner.
3) QR Code on acknowledgements.
4) Status of petition at counters / CSCs / online.
5) SMS (Tamil / English) for disposal of the petition to the petitioner.
6) Uploading the scanned petitions and the final office order against the petitions.
7) OTP authentication for uploading office order.
8) Day-to-day Reports like Registers, Disposal Letters, Duplicate Petition Reports, Search Reports with parameters and pattern matching.
9) MIS Reports at all levels to monitor the petition processing within the respective jurisdiction.
10) Closed petitions can be reopened, if required.
11) e-District CAS and Central Log.
12) A web service to provide the status of petition for PULL SMS run by BSNL.
13) Listed in NIC Service Desk whose tickets, if any, are attended regularly.

Implementation Status

- Operational in all 292 Taluk offices and 1352 Firka Offices.
- It involves about 700,000 petitions, 2,100,000 processing records per year and 7000 users.

Conducted State-level Workshops through VC.
1. Name of the Department: Revenue Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Revenue Department
4. Name of the Project: AMMA Thittam Application
   http://ammathittam.tn.gov.in/
5. Name of the Contact Person: Commissioner (SSS), CRA Office, Ezhilagam, Chennai 600005.
   Shri Arunkumar, Sr. Technical Director NIC
   j.arunkumar@nic.in
6. Contact Address: Commissioner (SSS), CRA Office, Ezhilagam, Chennai 600005.
7. Telephone / Fax / eMail: Telephone: 28525034, Mobile: 9444446881
   dirsss.cra@tn.gov.in
8. Project Summary:
   It is also a Taluk level software to capture the summary details of the camps conducted by the Taluk Offices at the revenue villages to provide the services of Taluk office at the door steps of the villagers themselves. The camps are conducted in phases such that after a phase covers all the villages, the next phase will start to conduct camps in villages once again in turn and so on. It generates district-wise summary report at the State level, taluk-wise at the District level, and the village-wise at the Taluk level.
9. Date of launch of the Project: August 2014
10. Geographical Coverage: All over Tamil Nadu
11. Beneficiary of the Project:
   - Revenue Department (CRA) Office
   - Collectorates - 32 and Taluk Offices – 292
   - Citizens of Tamil Nadu
12. Problem Statement:
   To facilitate the taluk officers to capture the consolidated figures of the applications received in the village camps, and to facilitate the district and state officers to monitor and review how many petitions are received, disposed and pending.
13. Project Objectives:
   - To capture the consolidated figures of the number of the applications received, disposed and pending in each camp.
   - To prepare the consolidated reports at the district level and state level.
14. Project Scope, Approach and Methodology:
   The application was designed, developed and implemented with Agile SDLC Methodology across Tamil Nadu, and enhanced and maintained with Iterative SDLC Model by NIC.
15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project:
25.8 Amma Thittam Application

1. Name of the Department
   Revenue Department

2. Status of the host / Owner
   Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organization
   Revenue Department

4. Name of the Project
   AMMA Thittam Application
   http://ammathittam.tn.gov.in/

5. Name of the Contact Person
   Commissioner (SSS), CRA Office, Ezhilagam, Chennai 600 005.
   Shri Arunkumar, Sr. Technical Director NIC
   j.arunkumar@nic.in

6. Contact Address
   Commissioner (SSS), CRA Office, Ezhilagam, Chennai 600 005.

7. Telephone / Fax / eMail
   Telephone: 28525034, Mobile: 9444446881
   dirss.cra@tn.gov.in

8. Project Summary

   It is also a Taluk level software to capture the summary details of the camps conducted by the Taluk Offices at the revenue villages to provide the services of Taluk office at the door steps of the villagers themselves. The camps are conducted in phases such that after a phase covers all the villages, the next phase will start to conduct camps in villages once again in turn and so on. It generates district-wise summary report at the State level, taluk-wise at the District level, and the village-wise at the Taluk level.

9. Date of launch of the Project

   August 2014

10. Geographical Coverage

   All over Tamil Nadu

11. Beneficiary of the Project

   - Revenue Department (CRA) Office
   - Collectorates - 32 and Taluk Offices – 292
   - Citizens of Tamil Nadu

12. Problem Statement

   To facilitate the taluk officers to capture the consolidated figures of the applications received in the village camps, and to facilitate the district and state officers to monitor and review how many petitions are received, disposed and pending.

13. Project Objectives

   - To capture the consolidated figures of the number of the applications received, disposed and pending in each camp.
   - To prepare the consolidated reports at the district level and state level.

14. Project Scope, Approach and Methodology

   The application was designed, developed and implemented with Agile SDLC Methodology across Tamil Nadu and, enhanced and maintained with Iterative SDLC Model by NIC.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project
- Consolidated reports are generated periodically by taluks and districts.
- At state level, reports are generated for the whole state.

Implementation Status: Operational in CRA Offices and all 292 Taluk offices in Tamil Nadu.
25.9 Free House Site Patta System (FHSP)

1. Name of the Department: Revenue Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Revenue Department
4. Name of the Project: Free House Site Patta System (FHSP)  
   [http://www.ammathittam.tn.gov.in/fhsp](http://www.ammathittam.tn.gov.in/fhsp)
5. Name of the Contact Person: JCLA, CLA Office, Ezhilagam, Chennai. Shri Stephen Amirtharaj, Sr. Technical Director, NIC  
   stephen@nic.in
6. Contact Address: JCLA, CLA Office, Ezhilagam, Chennai 600 005.
7. Telephone / Fax / eMail: Telephone: 044-28525575  
   jcla.computer@gmail.com

8. **Project Summary**

It is used by the Taluk offices to capture the village-wise beneficiary details of the Free House Site Patta Scheme every financial year. In addition, the targets for the districts can be fixed by the CLA office, and the Taluk targets can be fixed by the Collectorate. It generates the registers of beneficiaries list and the summary report of achievement against the targets within the respective jurisdiction. It uses the organizational structure and the user credentials of AMMA Thittam. In addition, district level summary figures are depicted on thematic maps using TNGIS.

9. **Date of launch of the Project**
   January 2016

10. **Geographical Coverage**
    All over Tamil Nadu

11. **Beneficiary of the Project**
    Citizens

12. **Problem Statement**
    To facilitate the taluk officers to capture the individual beneficiary details with the land details of the Free House Site Patta scheme and to facilitate the district and state officers to monitor and review how many free house site patta are issued and whether the target is achieved or not.

13. **Project Objectives**
    - To capture the beneficiaries of the Free House Site Patta Scheme financial year-wise
    - To generate the concerned registers.
    - To enter the yearly target to the Districts that, in turn, can enter the yearly targets to the Taluks.
    - To prepare the summary reports for the CLA office and the Districts
    - To monitor the achievement of the target in comparison to the actual number of beneficiaries benefitted by the scheme within the respective jurisdiction.

14. **Project Scope, Approach and Methodology**
The application was designed, developed and implemented with Agile SDLC Methodology across Tamil Nadu and, enhanced and maintained with Iterative SDLC Model by NIC.

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project**

- The beneficiaries of the Free House Site Patta Scheme financial year-wise are captured.
- The concerned registers are registered.
- The yearly target to the Districts are entered, and the yearly targets to the Taluks districts are, in turn, entered by the districts.
- The summary reports for the CLA office and the Districts are submitted.
- The achievement of the target in comparison with the actual number of beneficiaries benefitted by the scheme within the respective jurisdiction is monitored.
- Implementation Status: Operational in JCLA Office, all 32 Districts and 292 Taluk offices in Tamil Nadu.
25.10 Web Based Tamil Nilam (Urban)

1. Name of the Department
   Revenue and Disaster Management Department

2. Status of the host / Owner
   Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organization
   Revenue and Disaster Management Department

4. Name of the Project
   TamilNilam-Urban

5. Name of the Contact Person
   Shri J. Ramesh Kumar, Sr. Technical Director, NIC
   j.rameshkumar@nic.in
   National Informatics Centre (NIC) Tamil Nadu State Unit (NIC-TNSU),
   A-Block, First Floor, Rajai Bhavan, Besant Nagar,
   Chennai600090.
   e-mail: j.rameshkumar@nic.in
   Mobile No : +91 9445022888/IP Phone No.:45043
   http://urbantamilnilam.tn.gov.in/Urban

8. Project Summary

   The basic objectives of the Web Based TamilNILAM-Urban (Tamil Nadu Information system on Land
   Administration and Management-Urban) application is aimed to modernize management of Land
   Records, minimize scope of land/property disputes, and enhance transparency in the Land Records maintenance system.

9. Date of launch of the Project
   09-06-2016

10. Geographical Coverage
    All over Tamil Nadu.

11. Beneficiary of the Project
    Citizens

12. Problem Statement

13. Project Objectives

   The basic objectives of the Web Based TamilNILAM-Urban (Tamil Nadu Information system on Land
   Administration and Management-Urban) application is aimed to modernize management of Land
   Records, minimize scope of land/property disputes, and enhance transparency in the Land Records maintenance system. The system provides a facility for citizens to file application for Patta Transfer / Sub division along with requisite backend processing.

14. Project Scope, Approach and Methodology

   - The system provides a facility for citizen to file application for Patta Transfer, Sub division and TSLR extract with Sketch along with requisite backend processing through CSCs.
   - Public can View / Print digitally signed “Town Survey Land Register” extract with 2D barcode encrypted land details through website.
   - Patta Transfer Order / Subdivision Order can be generated at any time.
   - Workflow based System.
   - Citizen can track Status of the Application online.
   - Monitoring report for Taluk, District and State Level Officers has been provided.
15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

Nearly 250 Patta transfers are done on a daily basis using this software. Nearly 300 Patta transfer applications are filed by citizen at CSC centers. The Web Based TamilNILAM(Urban) Software has been implemented in 9 Corporation and 75 Towns of Tamil Nadu State and around 12 towns are under online correction for implementation.
Result Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

Nearly 250 Patta transfers are done on a daily basis using this software. Nearly 300 Patta transfer applications are filed by citizens at CSC centers. The Web-based TamilNILAM (Urban) Software has been implemented in 9 Corporations and 75 Towns of Tamil Nadu State and around 12 towns are under online correction for implementation.
**25.11 Web based Tamil Nilam (Online Patta Transfer System)**

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8. **Project Summary**

System enables the Online Patta Transfer for Land Parcels with options like ISD (Including Sub-divisions) and NISD (Not involving Sub-divisions). Citizen submits application at CSCs and the processing is work flow based and handled by the Department officials using their Credentials.

Status of each stage is intimated to the applicant via SMS and the Patta Transfer Order is generated in the System which is secured with 2D barcode and can be viewed in ‘Anytime Anywhere’ System also.

9. **Date of launch of the Project**

10/09/2014

10. **Geographical Coverage**

All over Tamil Nadu.

11. **Beneficiary of the Project**

Citizen and COSS Department

12. **Problem Statement**

Prior to the implementation of this project, citizen has to approach the Taluk office for filing the application. There was no mechanism to track the status of the application and there is no transparency. Whoever has the password of the system can change the data, so there was no integrity of data.

13. **Project Objectives**

1) The application is citizen centric – This software enables the citizens to do the name transfer or subdivision of their land parcels by approaching the nearest CSC centre. Citizen has to submit an application and an acknowledgment will be given on successful submission with an application ID. Using this application ID citizen can check the status of their application at any time. Once the application is submitted, it will be routed to the corresponding official for processing based on the nature of the application.

2) It is a Web Enabled Application using Open source Technologies.

3) Citizen can know the status of the application at any time using the application ID.
4) Application process stage is informed to the citizen through SMS.
5) Rest based Web Services provided to ‘eDistrict Anytime Anywhere’ software to View the Chitta / A-Register Copy Online by the Citizen.

14. Project Scope, Approach and Methodology

A mobile app is also developed for this system and the citizen can know the status of the application and View A-Register/ Chitta Extract using this app. Application is integrated with registration Department through Rest based web services - The mutation happened at registration department is reflected instantaneously in Tamil Nilam Software through web services. This will help Citizen to get the Record of right – Patta Copy without the need of visiting the CSC for the updation of Revenue Records.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

The system helps the citizen to great extent as it is highly transparent. Also the system is secured as all the Orders are digitally signed by the concerned authority and each level use their credentials. On an average daily around 8000-12000 applications are getting received at all CSCs and the approval rate is 60%.
## 25.12 Priceless Saree and Dhoti Distribution Beneficiary Information System

1. **Name of the Department**: Revenue and Disaster Management Department
2. **Status of the host/owner**: Government of Tamil Nadu, Software support by NIC
3. **Name of the Owner Organisation**: Revenue Administration, Disaster Management and Mitigation Department
4. **Name of the Project**: Priceless Saree and Dhoti Distribution Beneficiary Information System
   
5. **Name of the Contact Person**: Principal Secretary/Commissioner
   
   Mrs. S Gayatri Devi, Sr. Technical Director, NIC
   
   [s.gayatri@nic.in](mailto:s.gayatri@nic.in)
6. **Contact Address**: Ezhilagam Building, Chepauk
   
   Chennai 600005
7. **Telephone/Fax/Email**: Ph:28414550,28410540,
   
   Email:com-ra@nic.in
8. **Project Summary**

   Software developed for Revenue Administration Department for an MIS on the scheme of free distribution of Sarees and Dhotis during the pongal time.
9. **Date of launch of the Project**: 2012
10. **Geographical Coverage**: All over Tamil Nadu.
11. **Beneficiary of the Project**: Citizens and Revenue department officials.
12. **Problem Statement**: Compilation of beneficiary list, Generation of Acquaintance Roll time consuming.
13. **Project Objectives**

   To overcome the above problem, a web based system was developed to capture beneficiary information and generate Acquaintance Roll and various MIS reports.
14. **Project scope approach and methodology**

   Software developed for updation of the Beneficiary information and link each Beneficiary to Local Body, Fair Price Shop. Generation of Acquaintance Rolls fair price shop wise.
15 Results achieved /Value delivered to the beneficiary of the project and other distinct features/ accomplishments of the project

- Effective monitoring of the scheme with the help of Beneficiary analysis MIS reports. Deduplication of beneficiaries with the help of Ration Card number details helped in weeding out of invalid beneficiaries.
- Implemented in 16628 Villages covering 32 District, 287 Taluks.
### 25.13 Flood Reporting System for Revenue Administration Department

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<td>Name of the Department</td>
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<td>Government of Tamil Nadu, Software support by NIC</td>
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<td><a href="http://www.revenue.tn.nic.in">www.revenue.tn.nic.in</a></td>
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<td>Name of the Contact Person</td>
<td>Principal Secretary/Commissioner</td>
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#### Project Summary

An online application for the Revenue Administration, Disaster Management and Mitigation Department to monitor the daily flood situation and related relief activities in all the districts of Tamil Nadu during the annual Northeast Monsoon season.

#### Date of launch of the Project

Oct 2003

#### Geographical Coverage

All over Tamil Nadu.

#### Beneficiary of the Project

Revenue Department to help in Relief Monitoring

#### Problem Statement

Collection and compiling of timely data from more than 350 Rain Gauge stations on a daily basis was cumbersome

#### Project Objectives

To monitor the flood situation and activities in all the districts and also to prevent the people from flood disaster.

#### Project Scope, Approach and Methodology

Daily Rain Gauge station-wise data entry by Taluk Offices of Rainfall details. Data Entry of Human Loss, Cattle Loss, Hut damages during North East Monsoon Season

#### Results achieved /Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

Dynamic maps are made available using WMS based GIS web services.
25.13 Flood Reporting System for Revenue Administration Department

1. Name of the Department: Revenue Administration, Disaster Management and Mitigation Department

2. Status of the host/owner: Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organization: Revenue Administration, Disaster Management and Mitigation Department

4. Name of the Project: Flood Reporting System

5. Name of the Contact Person: Principal Secretary/Commissioner, Mrs. S Gayatri Devi, Sr. Technical Director, NIC, s.gayatri@nic.in

6. Contact Address: Ezhilagam Building, Chepauk, Chennai 600005

7. Telephone/Fax/Email: Ph: 28414550, 28410540, Email: com-ra@nic.in

8. Project Summary: An online application for the Revenue Administration, Disaster Management and Mitigation Department to monitor the daily flood situation and related relief activities in all the districts of Tamil Nadu during the annual Northeast Monsoon season.

9. Date of launch of the Project: Oct 2003

10. Geographical Coverage: All over Tamil Nadu.

11. Beneficiary of the Project: Revenue Department to help in Relief Monitoring

12. Problem Statement: Collection and compiling of timely data from more than 350 Rain Gauge stations on a daily basis was cumbersome.

13. Project Objectives: To monitor the flood situation and activities in all the districts and also to prevent the people from flood disaster.


15. Results achieved /Value delivered to the beneficiary of the project and other distinct features /accomplishments of the project: Dynamic maps are made available using WMS based GIS web services.
26. RURAL DEVELOPMENT AND PANCHAYAT RAJ DEPARTMENT
### 26.1 Online Scheme Monitoring System (OSMS)

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<td>Project Scope, Approach and Methodology</td>
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<td>15</td>
<td>Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project</td>
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**Project Summary**
To monitor electricity consumption of each Panchayat. The Panchayats are consuming electricity for street lights, water supply, office buildings, etc. The electricity bills generated by TNEB are collected in this online system and then monitored whether the bills are paid by the Panchayats. Also, the system is used to monitor whether electricity is being used judiciously.

**Date of launch of the Project**
01/10/2017.

**Geographical Coverage**
All over Tamil Nadu.

**Beneficiary of the Project**
Rural Development officials especially engineers.

**Problem Statement**
To monitor consumption of electricity judiciously by the Panchayats for street lights, water supply, office buildings, payment of electricity bills by panchayats in time, etc.

**Project Objectives**
To reduce the electricity bills paid by Panchayats by monitoring the consumption of electricity judiciously by the Panchayats for street lights, water supply, office buildings, payment of electricity bills by panchayats in time.
26.2 Village Panchayat Electricity Consumption Monitoring System

1. Name of the Department: Rural Development Department
2. Status of the host / Owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organization: Rural Development Department, Director of Rural Development
4. Name of the Project: Village Panchayat Electricity Consumption Monitoring System
5. Name of the Contact Person: Director, RD Shri K Jayabalan, Technical Director, NIC j.balan@nic.in
6. Contact Address: Panagal Maligai, IVth Floor, Saidapet 600 015
7. Telephone / Fax / eMail: drd.tn@nic.in

8. Project Summary

To Monitor Electricity Consumption of each Panchayat. The Pachayats are consuming Electricity for Street Lights, Water Supply, Office Buildings etc. The electricity Bills generated by the TNEB are collected in this Online System and then monitored whether the Bills are paid by the Panchayats. Also, the system is used to monitor whether the electricity is being used judiciously.

9. Date of launch of the Project

01/10/2017.

10. Geographical Coverage

All over Tamil Nadu.

11. Beneficiary of the Project

Rural Development officials especially engineers

12. Problem Statement

To Monitor Consumption of Electricity judiciously by the Panchayats for Street Lights, Water Supply, Office Buildings, Payment of electricity bills by panchayats in time etc.

13. Project Objectives

To reduce the electricity Bills paid by Panchayats by monitoring the Consumption of Electricity judiciously by the Panchayats for Street Lights, Water Supply, Office Buildings, Payment of electricity bills by panchayats in time.

14. Project Scope, Approach and Methodology

Online System has been developed to reduce the electricity Bills paid by Panchayats by monitoring the judicious Consumption of Electricity by the Panchayats for Street Lights, Water Supply, Office Buildings, Payment of
electricity bills by panchayats on time. The electricity Bills generated by Tamil Nadu Electricity Board for 6.5 Lakh EB Connections are brought to this system and then various analysis is being done.

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project**

More than 100 Crore rupees are saved after implementing this system by the department by monitoring the electricity consumption by Village Panchayats using 6.5 Lakh EB-Connections Bills.
electricity bills by panchayats on time. The electricity Bills generated by Tamil Nadu Electricity Board for 6.5 Lakh EB Connections are brought to this system and then various analysis is being done.

Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

More than 100 Crore rupees are saved after implementing this system by the department by monitoring the electricity consumption by Village Panchayats using 6.5 Lakh EB-Connections Bills.
26.3 LED Lamp Monitoring System

1 Name of the Department: Rural Development Department
2 Status of the host / owner: Government of Tamil Nadu, Software support by NIC
3 Name of the Owner Organization: Rural Development Department, Director of Rural Development
4 Name of the Project: Online LED Lamp Monitoring System
5 Name of the Contact Person: Director, RD Shri K Jayabalan, Technical Director, NIC j.balan@nic.in
6 Contact Address: Panagal Maligai, IVth Floor, Saidapet 600 015
7 Telephone / Fax / E-Mail: drd.tn@nic.in

8 Project Summary
LED Lamps are procured by Government and being installed at Villages. Each pole which has Lighting System are numbered. Around 30 Lakh such poles are installed in Rural Villages. This system is to monitor the Purchase, Dispatch to Villages from District, Installation and Payment to vendors.

9 Date of Launch of the Projects
1/01/2017.

10 Geographical coverage
All over Tamil Nadu.

11 Beneficiary of the Project
Rural Development officials especially engineers

12 Problem Statement
To Monitor Dispatch, Receipt of LED Lamps at Villages, Installation of each Lamp in the Pole and Payment to vendors

13 Project Objectives
To reduce the electricity Bills by installing LED Lamps at Village Panchayats and to Monitor Dispatch, Receipt of LED Lamps at Villages, Installation of each Lamp in the Pole and Payment to vendors.

14 Project Scope, Approach and Methodology
Online System has been developed to Monitor Dispatch, Receipt of LED Lamps at Villages, Installation of each Lamp in the Pole and Payment to vendors.

15 Results achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project

- There are 30 Lakh Poles in TN Rural Areas. The LED Lamps are being procured and installed in Phases every year. Effective Monitoring of this system ensured the LED Lamps are installed in the Villages. Pole wise monitoring is done.
2. **LED Lamp Monitoring System**

1. **Name of the Department**: Rural Development Department
2. **Status of the host / owner**: Government of Tamil Nadu, Software support by NIC
3. **Name of the Owner Organization**: Rural Development Department, Director of Rural Development
4. **Name of the Project**: Online LED Lamp Monitoring System
5. **Name of the Contact Person**: Director, RD Shri K Jayabalan, Technical Director, NIC
6. **Contact Address**: Panagal Maligai, IVth Floor, Saidapet 600 015
7. **Telephone / Fax / E-mail**: drd.tn@nic.in
8. **Project Summary**
   LED Lamps are procured by Government and being installed at Villages. Each pole which has Lighting System are numbered. Around 30 Lakh such poles are installed in Rural Villages. This system is to monitor the Purchase, Dispatch to Villages from District, Installation and Payment to vendors.
9. **Date of Launch of the Project**: 1/01/2017.
10. **Geographical coverage**: All over Tamil Nadu.
11. **Beneficiary of the Project**: Rural Development officials especially engineers
12. **Problem Statement**: To Monitor Dispatch, Receipt of LED Lamps at Villages, Installation of each Lamp in the Pole and Payment to vendors
13. **Project Objectives**: To reduce the electricity Bills by installing LED Lamps at Village Panchayats and to Monitor Dispatch, Receipt of LED Lamps at Villages, Installation of each Lamp in the Pole and Payment to vendors.
14. **Project Scope, Approach and Methodology**: Online System has been developed to Monitor Dispatch, Receipt of LED Lamps at Villages, Installation of each Lamp in the Pole and Payment to vendors.
15. **Results achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project**: There are 30 Lakh Poles in TN Rural Areas. The LED Lamps are being procured and installed in Phases every year. Effective Monitoring of this system ensured the LED Lamps are installed in the Villages. Pole wise monitoring is done.
26.4 Online Cement Stock Monitoring System

1. Name of the Department
   Rural Development Department

2. Status of the Host / Owner
   Government of Tamil Nadu, Software support by NIC

3. Name of the Owner Organization
   Rural Development Department, Director of Rural Development

4. Name of the Project
   Online Cement Stock Monitoring System

5. Name of the Contact Person
   Director, RD
   Shri K Jayabalan, Technical Director, NIC
   j.balan@nic.in

6. Contact Address
   Panagal Maligai, IVth Floor, Saidapet – 600 015

7. Telephone/Fax/eMail
   drd.tn@nic.in

8. Project Summary
   To Monitor Cement Requirement at Block Level, Approval for Purchase, Allocation of Cement requirement to various manufacturers by TANCEM, supply of cement, stocking of cement under various schemes at Block level godowns, Issue of each bag of cement to Beneficiaries or vendors

9. Date of Launch of Project
   01/04/2015

10. Geographical coverage
    All over Tamil Nadu.

11. Beneficiary of the Project
    Rural Development officials especially engineers

12. Problem Statement
    To Monitor Cement Requirement at Block Level, Approval for Purchase, Allocation of Cement requirement to various manufacturers by TANCEM, supply of cement, stocking of cement under various schemes at Block level godowns, Issue of each bag of cement to Beneficiaries or vendors

13. Project Objectives
    To Monitor Cement stock at Block level Godowns, demand and supply Gap, Payment delay at District level etc.

14. Project Scope, Approach and Methodology
    Online System has been developed to monitor Cement Requirement at Block Level, Approval for Purchase, Allocation of Cement requirement to various manufacturers by TANCEM, supply of cement, stocking of cement under various schemes at Block level godowns, Issue of each bag of cement to Beneficiaries or vendors.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features/accomplishments of the project
    Cement Stock worth around 400 Crore are being monitored using this system every year. Stocks in the Block Godowns can be monitored from anywhere using this Online Application. It is integrated with Online Scheme Monitoring System.
27. SCHOOL EDUCATION DEPARTMENT
### 27.1 Educational Management Information System (EMIS)

<table>
<thead>
<tr>
<th></th>
<th>Name of the State / Ministry</th>
<th>School Education Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the Host / Owner</td>
<td>SamagraShiksha</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>SamagraShiksha - State Project Director</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Educational Management Information System (EMIS)</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Mr. SathyaNarayana K.P.</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>SamagraShiksha</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/Email</td>
<td><a href="mailto:kpsathyas12@gmail.com">kpsathyas12@gmail.com</a></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td><a href="mailto:spd.ssatn@gmail.com">spd.ssatn@gmail.com</a></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Mobile No: 7200071274</td>
</tr>
</tbody>
</table>

**8. Project Summary**

a. To provide an integrated view of Students, Schools, and Teachers information profile to the Educational Department for efficient delivery of schemes, funds, resources, and projects.

**9. Date of Launch of the Project**

2012

**10. Geographical Coverage**

Tamil Nadu

**11. Beneficiary of the Project**

a. School Education Department (Department Administrative users, Decision Makers, Students and Teachers)

**12. Problem statement**

a. Over the period of time manual records have been maintained about the Students, Teachers, and Schools which resulted duplication of work, time consuming inaccuracy, resources, and costs.

**13. Project Objectives**

a. To provide a single source of information about Students, Teachers, and Schools to various stakeholders.

**14. Project Scope Approach and Methodology**

a. A phased approach of capabilities was delivered to users through effective project management.

**15. Results achieved/value delivered to the beneficiary of the project and the distinct feature/accomplishment of the project**

a. Reduced data entry, duplication of work across departments, data consistency. Instant analysis and reports about Students, Schools, and Teachers to provide various schemes and benefits. The application provides information sharing about educational content to teachers. Based on the gathered planning, the budgeting and scheme delivery have improved.
a. Reduced data entry, duplication of work across departments, data consistency. Instant analysis and reports about Students, Schools and Teachers to provide various schemes and benefits. The application provides information sharing about educational content to teachers. Based on the gathered planning has improved the budgeting and scheme delivery.
27.2 Project Name: Marks Certificate Verification System

2. Status of the host/Owner: Government of Tamil Nadu, Software support by NIC.
   https://dgeverification.tn.gov.in
5. Name of the Contact Person: Mr. V.M. Prabhakaran, Deputy Director, DGE, Chennai; Shri G Thangaraju, Senior Technical Director, NIC.
6. Contact Address: Directorate of Government Examinations, DPI Campus, College Road, Nungambakkam, Chennai 600006.
7. Telephone/Fax/eMail: 044-28272088, dd.tngdc@nic.in
8. Project Summary:
Marks Certificate Verification System Version 5.0 for the Directorate of Government Examination is a web enabled application designed, developed and implemented with the main objective to provide easy access to the secured verification services for government, public and private organizations.

9. Date of launch of the Project:
From 2012

10. Geographical Coverage:
All over Tamil Nadu

11. Beneficiary of the Project:
Students and Educational Institutions.

12. Problem Statement:
To provide easy access to the secured verification services for Government, Public and Private organisations.

13. Project Objectives:
A web based system for online marks certificate verifications system which will cut down the entire process of manual verification process.

14. Project Scope, Approach and Methodology:
Web based application for Educational Institutions to apply online for Mark Certificate Verification system.

15. Results Achieved/Value delivered to the beneficiary of the project and other distinct features/accomplishments of the Project:
So far the total Number of Certificates Verified till August 2018 is 1,053,436 and Total Number of Certified Copy of Mark Certificates issued till August 2018 is 12,948.
27.2 Project Name: Marks Certificate Verification System

1 Name of the Department
Directorate of Govt. Examinations, Chennai.

2 Status of the host / Owner
Government of Tamil Nadu, Software support by NIC

3 Name of the Owner Organization
Directorate of Govt. Examinations, Chennai.

4 Name of the Project
Marks Certificate Verification System.

5 Name of the Contact Person
Mr. V.M. Prabhakaran, Deputy Director, DGE, Chennai
Shri G Thangaraju, Senior Technical Director, NIC

6 Contact Address
Directorate of Government Examinations, DPI Campus, College Road, Nungambakkam, Chennai 600006.

7 Telephone / Fax / eMail
044-28272088, dd.tngdc@nic.in

8 Project Summary
Marks Certificate Verification System Version 5.0 for the Directorate of Government Examination is a web enabled application designed, developed and implemented with the main objective to provide easy access to the secured verification services for government, public and private organizations.

9 Date of launch of the Project
From 2012

10 Geographical Coverage
All over Tamil Nadu

11 Beneficiary of the Project
Students and Educational Institutions.

12 Problem Statement
To provide easy access to the secured verification services for Government, Public and Private organisations.

13 Project Objectives
A web based system for online marks certificate verifications system which will cut down the entire process of manual verification process.

14 Project Scope, Approach and Methodology
Web based application for Educational Institutions to apply online for Mark Certificate Verification system.

15 Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project
So far the total Number of Certificates Verified till August 2018 is 1,053,43 and Total Number of Certified Copy of Mark Certificates issued till August 2018 is 12,948.
28. SOCIAL WELFARE AND NUTRITIOUS MEAL PROGRAMME DEPARTMENT

28.1 Social Welfare Schemes

1. Name of the Department: Social Welfare
2. Status of the host/owner: Commissioner of Social Welfare
3. Name of the Owner Organization: Commissionerate of Social Welfare
4. Name of the Project: Social Welfare Schemes
5. Name of the Contact Person: Tmt. S. Revathy, Joint Director
7. Telephone / Fax / E-Mail: 044 - 24351947
8. Date of Launch of the Project: 01.03.2015
9. Geographical Coverage: Across the State of Tamil Nadu

Service 1:
Moovalur Ramamirtham Ammaiyar Ninaivu Marriage Assistance Scheme.
This scheme provides marriage assistance to the poor girls who have attained the age of 18 at the time of marriage and have studied up to 10th Standard. As a special case, girls from Scheduled Tribes communities, with a minimum education of 5th Standard can also avail this scheme. Along with cash assistance of Rs.25,000 for non-graduates and Rs.50,000 for Graduates / Diploma holders, one sovereign (8 gram) 22 carat gold coin are provided under this scheme with effect from 23.05.2016. In case of death of parents, the assistance is given to the daughter. To avail benefit under this scheme, the annual income of the family should not exceed Rs.72,000.

Service 2:
Dr. Dharmambal Ammaiyar Ninaivu Widow Remarriage Assistance Scheme
The Government has launched Dr. Dharmambal Ammaiyar Ninaivu Widow Remarriage Assistance Scheme to ensure dignity, respect, and social acceptance of the young widows in the society. Cash assistance of Rs.25,000, out of which Rs.15,000 is disbursed through Electronic Clearing Service (ECS) and Rs.10,000 as National Savings Certificate (NSC) for non-graduates and Rs.50,000 for the degree/diploma holders out of which Rs.30,000 is disbursed through Electronic Clearing Service (ECS) and Rs.20,000 as National Savings Certificate (NSC) are given along with one sovereign (8 gram) 22 carat gold coin with effect from 23.05.2016. There is no income ceiling to avail benefit under this scheme.

Service 3:
E.V.R. Maniammaiyar Ninaivu Marriage Assistance Scheme for Daughter of Poor Widows
28.1 Social Welfare Schemes

1. Name of the Department: Social Welfare
2. Status of the host/owner: Commissioner of Social Welfare
3. Name of the Owner Organization: Commissionerate of Social Welfare
5. Name of the Contact Person: Tmt.S.Revathy, Joint Director (Women Welfare)
6. Contact Address: Commissionerate of Social Welfare, Panagal Maligai IInd Floor, Chennai - 600 015.
7. Telephone / Fax / E-Mail: 044 - 24351947
8. Date of Launch of the Project: 01.03.2015
9. Geographical Coverage: Across the State of Tamil Nadu

Service 1:

Moovalur Ramamirtham Ammaiyyar Ninaivu Marriage Assistance Scheme.

This scheme provides marriage assistance to the poor girls who have attained the age of 18 at the time of marriage and have studied up to 10th Standard. As a special case, girls from Scheduled Tribes communities, with a minimum education of 5th Standard can also avail this scheme. Along with cash assistance of Rs.25,000 for non-graduates and Rs.50,000 for Graduates / Diploma holders, one sovereign (8 gram) 22 carat gold coin are provided under this scheme with effect from 23.05.2016. In case of death of parents, the assistance is given to the daughter. To avail benefit under this scheme, the annual income of the family should not exceed Rs.72,000.

Service 2:

Dr. Dharmambal Ammaiyyar Ninaivu Widow Remarriage Assistance Scheme

The Government has launched Dr. Dharmambal Ammaiyyar Ninaivu Widow Remarriage Assistance Scheme to ensure dignity, respect, and social acceptance of the young widows in the society. Cash assistance of Rs.25,000, out of which Rs.15,000 is disbursed through Electronic Clearing Service (ECS) and Rs.10,000 as National Savings Certificate (NSC) for non graduates and Rs.50,000 for the degree/diploma holders out of which Rs.30,000 is disbursed through Electronic Clearing Service (ECS) and Rs.20,000 as National Savings Certificate (NSC) are given along with one sovereign (8 gram) 22 carat gold coin with effect from 23.05.2016. There is no income ceiling to avail benefit under this scheme.

Service 3:

E.V.R. Maniammaiyyar Ninaivu Marriage Assistance Scheme for Daughter of Poor Widows
This scheme provides financial support to poor widows to get their daughters married with a financial assistance of Rs.25,000 for non-graduates and Rs.50,000 for degree / diploma holders is given along with one sovereign (8 gram) 22 carat gold coin with effect from 23.05.2016. To avail benefit under this scheme, the annual income of the family should not exceed Rs.72,000.

**Service 4:**

**Annai Teresa Ninaivu Marriage Assistance Scheme for Orphan Girls**

Poor orphan girls are eligible to benefit under this scheme for expenses toward their marriage. The Government provides financial assistance of Rs.25,000 for non graduates and Rs.50,000 for degree / diploma holders along with one sovereign (8 gram) 22 carat gold coin with effect from 23.05.2016. There is no income ceiling for availing benefit under this marriage assistance scheme.

**Service 5:**

**Dr. Muthulakshmi Reddy Ninaivu Inter-Caste Marriage Assistance Scheme.**

The Government of Tamil Nadu has been implementing the Inter-Caste Marriage Assistance Scheme to eradicate caste based discrimination and promote social equality among communities. Cash assistance of Rs.25,000 out of which Rs.15,000 is disbursed through Electronic Clearing Service (ECS) and Rs.10,000 in the form of National Saving Certificate to non graduates and cash assistance of Rs.50,000 for degree / diploma holders out of which Rs.30,000 is disbursed through Electronic Clearance Service (ECS) and Rs.20,000 as National Savings Certificate (NSC) given along with one sovereign (8 gram) 22 carat gold coin is given with effect from 23.05.2016. Income ceiling and educational qualification are not necessary to benefit under this scheme.

**Service 6:**

**Girl Child Protection Scheme (General)**

The Chief Minister’s Girl Child Protection Scheme, introduced in 1992, is a pioneering and path-breaking scheme for the welfare of girl child. The Girl Child Protection Scheme is aimed at preventing gender discrimination by empowering and protecting rights of girl children through direct investment from Government.

- Promote enrollment and retention of the girl child in school and ensure her education at least upto High school level.
- Encourage girls to get married only after the age of 18 years.
- Encourage parents to adopt small family norms with two girl children. Protect the rights provide social and of the girl child and financial empowerment
- Strengthen the role of the family in improving the status of the girl child.

**Service 7:**

**Girl Child Protection Scheme -2**

The Chief Minister’s Girl Child Protection Scheme, introduced in 1992, is a pioneering and path-breaking scheme for the welfare of girl child. The Girl Child Protection Scheme is aimed at preventing gender discrimination by empowering and protecting rights of girl children through direct investment from Government.
• Promote enrollment and retention of the girl child in school and ensure her education at least up to High school level.

• Encourage girls to get married only after the age of 18 years.

• Encourage parents to adopt small family norms with two girl children. Protect the rights, provide social and of the girl child and financial empowerment.

• Strengthen the role of the family in improving the status of the girl child.

**Problem Statement**

- To facilitate the poor young girls parents who suffer in debt due to Marriage expenses of their daughter.
- To encourage more young widows to have security and safe livelihood through remarriage.
- To help the widow's to get their daughters married at the right age and to reduce their financial burden.
- To help the young girls who does not have both the parents.
- To recognize the identity of Intercaste married couple and legal acceptance in the society.
- To encourage parents to adopt birth control as well as treat female babies equally preferential rather than male babies.
- To encourage parents to adopt birth control as well as treat female babies equally preferential rather than male babies.

**Project Scope Approach and Methodology**

Common Service Centre receives the application and finalized by the concerned DSWO.

**Results achieved / Value delivered to the beneficiary of the project and other district feature / accomplishment of the project.**

1.3.2015 to 31.03.2018.

3,65,702 Beneficiaries

Rs.1,97,134.37 Lakh.

**Service 2:**

**Dr. Dharmambal Ammaiayar Ninaivu Widow Remarriage Assistance Scheme**

1.3.2015 to 31.03.2018.

208 Beneficiaries

Rs.111.69 Lakh.

**Service 3:**

**E.V.R.Maniammaiyar Ninaivu Marriage Assistance Scheme for Daughter of Poor Widows**

1.3.2015 to 31.03.2018.

17645 Beneficiaries

Rs.9226.53 Lakh.

**Service 4:**
**Annai Teresa Ninaivu Marriage Assistance Scheme for Orphan Girls**

1.3.2015 to 31.03.2018.

2670 Beneficiaries

Rs.1375.87 Lakh

**Service 5:**

**Dr. Muthulakshmi Reddy Ninaivu Inter-Caste Marriage Assistance Scheme.**

1.3.2015 to 31.03.2018.

9021 Beneficiaries

Rs.5333.70 Lakh.

**Service 6:**

**Girl Child Protection Scheme (General)**

So far 109760 beneficiaries have been benefited under this scheme from 01.03.2015 March 2018. An amount of 192.43 Crore have been deposited.

**Service 7:**

**Girl Child Protection Scheme -2**

So far 30521 beneficiaries have been benefited under this scheme from 01.03.2015 March 2018. An amount of 75.72 Crore have been deposited.
1.3.2015 to 31.03.2018. 2670 Beneficiaries Rs.1375.87 Lakh

Service 5:
Dr. Muthulakshmi Reddy Ninaivu xnter
Caste  Marriage Assistance Scheme.

1.3.2015 to 31.03.2018. 9021 Beneficiaries Rs.5333.70 Lakh.

Service 6:
Girl Child Protection Scheme (General)
So far 109760 beneficiaries have been benefited under this scheme from 01.03.2015 March 2018. An amount of 192.43 Crore have been deposited.

Service 7:
Girl Child Protection Scheme 2
So far 30521 beneficiaries have been benefited under this scheme from 01.03.2015 March 2018. An amount of 75.72 Crore have been deposited.
<table>
<thead>
<tr>
<th>No</th>
<th>Information</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Name of the Department Commissionerate of Social Welfare and Nutritious Meal Programme</td>
</tr>
<tr>
<td>2</td>
<td>Status of the host / Owner Government of Tamil Nadu, Software support by NIC</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization Commissioner of Social Welfare and Nutritious Meal Programme</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project eDistrict – Social Welfare Software</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person Commissioner of Social Welfare Mrs. S Gayatri Devi, Sr. Technical Director, NIC <a href="mailto:s.gayatri@nic.in">s.gayatri@nic.in</a></td>
</tr>
<tr>
<td>6</td>
<td>Contact Address No 1 Panagal Maligai Building 2nd Floor, Jeenis Road, Saidapet, Chennai 600015.</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / eMail 044-24351891 <a href="mailto:dsw@tn.nic.in">dsw@tn.nic.in</a></td>
</tr>
<tr>
<td>8</td>
<td>Project Summary A computerized workflow for the end-to-end processing of applications submitted through Citizen Service Centres for availing Services of the Social Welfare Department, under eDistrict - State Mission Mode Project of NeGP.</td>
</tr>
<tr>
<td>9</td>
<td>Date of launch of the Project 15-10-2010.</td>
</tr>
<tr>
<td>10</td>
<td>Geographical Coverage Across Tamil Nadu.</td>
</tr>
<tr>
<td>11</td>
<td>Beneficiary of the Project  Applicants for Marriage Assistance of the following categories: Marriage of educated, poor daughters, Widow's daughter, Orphans, Inter-caste marriage and Widow remarriage.  Applicants for Girl Child Protection Schemes for families having only girl children.</td>
</tr>
<tr>
<td>12</td>
<td>Problem Statement  Applicants had to travel some distance to applying  Applicants had to visit different government offices 2-3 times  Monitoring progress of work by management in real time was not possible  Average disposal time was large  No automatic sharing of information with applicants  Applications had to be submitted in specific offices and not from anywhere in the state</td>
</tr>
<tr>
<td>13</td>
<td>Project Objectives  Enable the citizen to track the status of the application at any time  Bring in operational efficiency and accountability</td>
</tr>
</tbody>
</table>
28.2 Social Welfare Software

1 Name of the Department
Commissionerate of Social Welfare and Nutritious Meal Programme

2 Status of the host / Owner
Government of Tamil Nadu, Software support by NIC

3 Name of the Owner Organization
Commissioner of Social Welfare and Nutritious Meal Programme

4 Name of the Project
eDistrict – Social Welfare Software

URLs:
Application submission through CSC:
https://edistricts.tn.gov.in:9443/certificates_csc
Workflow :
https://edistricts.tn.gov.in/socialwelfare

5 Name of the Contact Person
Commissioner of Social Welfare
Mrs. S Gayatri Devi, Sr. Technical Director, NIC
s.gayatri@nic.in

6 Contact Address
No 1 Panagal Maligai Building 2nd Floor,
Jeenis Road, Saidapet, Chennai 600015.

7 Telephone / Fax / eMail
044-24351891
dsw@tn.nic.in

8 Project Summary
A computerized workflow for the end-to-end processing of applications submitted through Citizen Service Centres for availing Services of the Social Welfare Department, under eDistrict - State Mission Mode Project of NeGP.

9 Date of launch of the Project
15-10-2010.

10 Geographical Coverage
Across Tamil Nadu.

11 Beneficiary of the Project
- Applicants for Marriage Assistance of the following categories: Marriage of educated, poor daughters, Widow's daughter, Orphans, Inter-caste marriage and Widow remarriage.
- Applicants for Girl Child Protection Schemes for families having only girl children.

12 Problem Statement
- Applicants had to travel some distance to applying
- Applicants had to visit different government offices 2-3 times
- Monitoring progress of work by management in real time was not possible
- Average disposal time was large
- No automatic sharing of information with applicants
- Applications had to be submitted in specific offices and not from anywhere in the state

13 Project Objectives
- Enable the citizen to track the status of the application at any time
- Bring in operational efficiency and accountability
Provide support to the management to monitor performance and service delivery quality.

14 Project Scope, Approach and Methodology

- Processing of the application-forms involves the following steps
- Movement of application from CSC to Block office
- Recording of field verification details
- Forwarding to DSWO by BDO after scrutiny of application and verification details
- Approval/Rejection by DSWO
- Generation of Sanction Proceeding
- Record Amount Disbursement Details and Handing over details
- Inform the approval/rejection status of the beneficiary through SMS
- Daily SMS reminder to the DSWO regarding pendency of work
- Provision to enquire about the application status through SMS and through online web portal
- The services will be shortly released through UMANG platform, enabling citizen to apply for the scheme from their mobile phones.

15 Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

- Above 7.6 lakhs applications have been received and processed for the 7 Social Welfare Schemes.
- Implemented in all 32 Districts in 385 rural blocks and processing applications belonging to 385 blocks and 720 urban administrative units by 1300 active users
- Citizen can track the status of the application at anytime from anywhere
- As the workflow is automated, operational efficiently and accountability have increased
- Support to the management though MIS reports and Adhoc reports provided to assist them to monitor performance and service delivery quality
14 Project Scope, Approach and Methodology

- Processing of the application-forms involves the following steps:
  - Movement of application from CSC to Block office
  - Recording of field verification details
  - Forwarding to DSWO by BDO after scrutiny of application and verification details
  - Approval/Rejection by DSWO
  - Generation of Sanction Proceeding
  - Recording Amount Disbursement Details and Handing over details
  - Inform the approval/rejection status of the beneficiary through SMS
  - Daily SMS reminder to the DSWO regarding pendency of work
  - Provision to enquire about the application status through SMS and through online web portal
  - The services will be shortly released through UMANG platform, enabling citizen to apply for the scheme from their mobile phones.

15 Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

- Above 7.6 lakhs applications have been received and processed for the 7 Social Welfare Schemes.
- Implemented in all 32 Districts in 385 rural blocks and processing applications belonging to 385 blocks and 720 urban administrative units by 1300 active users
- Citizen can track the status of the application at anytime from anywhere
- As the workflow is automated, operational efficiently and accountability have increased
- Support to the management through MIS reports and Adhoc reports provided to assist them to monitor performance and service delivery quality
29. Tourism And Culture Department

1. Name of the State/Ministry: Tamil Nadu Tourism Development Corporation Limited (TTDC)

2. Status of the Host/Owner: TTDC

3. Name of the Owner Organization: Chairman and Managing Director

4. Name of the Project:
   1. Online Real Time Reservation System for 22 hotels of TTDC
   2. Online Real Time Reservation for TTDC Tours
   3. TTDC’s Website Portal (www.TamilNadutourism.org)
   4. “Virtual Tours” on Online
   5. Online membership card

5. Name of the Contact Person: S. Justin Jose, Manager (IT)

6. Contact Address:
   Tourism Complex, No.2, Wallajah Road, Chennai-2.

7. Telephone/Fax/E-Mail:
   044 – 25333 112, ttdc@vsnl.com

8. Project Summary:
   - TTDC has implemented Online Reservation System on real time basis for 22 TTDC hotels. This unique facility enabled the tourists to book all the rooms any time in any of TTDC hotels through online.
   - TTDC has implemented Online Reservation System on real time basis for Tours conducted by TTDC. This unique facility enabled the tourists to book all the seats any time in any of Tours conducted by TTDC.
   - TTDC has hosted a website exploring the destinations of Tamil Nadu through visual and audio effects for the benefit of tourists visiting Tamil Nadu. Tourists can obtain all relevant information like accessibility, distance, accommodations, festivals, events, etc., about various tourist destinations in Tamil Nadu through this website.
   - TTDC has hosted “Virtual Tours” in the website covering 46 tourist spots in Tamil Nadu. Tourists visiting the site will have the experience of Virtually visiting these places with 360 degree vision through digital technology.
   - TTDC has also introduced membership card system for availing Gold/Platinum Cards online. Through this system tourists can get a Gold card online by paying Rs. 5000/- and a Platinum card by paying Rs.15,000/-. Due to this tourist can get discount 10% on lodging in any of TTDC during season period and 20% discount on lodging during off-season period.

9. Date of Launch of the Project:
   1) 12.05.2012
   2) 12.03.2012
   3) 15.12.1997
   4) 29.09.2009
   5) 19.02.2010

10. Geographical Coverage:
    Our website includes comprehensive information on destination of Tamil Nadu and Online bookings of all TTDC hotels and Tours in the State. Tourists / Citizens in any part of the world can book any of the rooms in TTDC hotels and any of the seats in TTDC Tours through online.

Beneficiary of the Project:
Tourists / citizens can know all tourism related information about Tamil Nadu before visiting the places. The tourists can book any of the rooms in any TTDC hotels on real time basis and to book any of the seats in any Tours at any time through online sitting from their home. Tourists if needed they cancel,
29.1 Online Real Time Reservation System for 22 hotels of TTDC

1. Name of the State/Ministry: Tamil Nadu Tourism Development Corporation Limited (TTDC)
2. Status of the host/Owner: TTDC
3. Name of the Owner Organization: Chairman and Managing Director
4. Name of the Project:
   1. Online Real Time Reservation System for 22 hotels of TTDC
   2. Online Real time Reservation for TTDC
   3. TTDC’s Website Portal www.TamilNadutourism.org
   4. “Virtual Tours” on Online
   5. Online membership card
5. Name of the Contact Person: S. Justin Jose, Manager (IT)
6. Contact Address: Tourism Complex, No.2, Wallajah Road, Chennai-2.
7. Telephone /Fax/E-Mail: 044 – 25333 112, ttdc@vsnl.com

8. Project Summary

- TTDC has implemented Online Reservation System on real time basis for 22 TTDC hotels. This unique facility enabled the tourists to book all the rooms any time in any of TTDC hotels through online.
- TTDC has implemented Online Reservation System on real time basis for Tours conducted by TTDC. This unique facility enabled the tourists to book all the seats any time in any of Tours conducted by TTDC.
- TTDC has hosted a website exploring the destinations of Tamil Nadu through visual and audio effects for the benefit of tourists visiting Tamil Nadu. Tourists can obtain all relevant information like accessibility, distance, accommodations, festivals, events etc., about various tourist destinations in Tamil Nadu through this website.
- TTDC has hosted “Virtual Tours” in the website covering 46 tourist spots in Tamil Nadu. Tourists visiting the site will have the experience of Virtually visiting these places with 360 degree vision through digital technology.
- TTDC has also introduced membership card system for availing Gold/Platinum Cards online. Through this system tourists can get a Gold card online by paying Rs. 5000/- and a Platinum card by paying Rs.15,000/-. Due to this tourist can get discount 10% on lodging in any of TTDC during season period and 20 % discount on lodging during off-season period.

9. Date of Launch of the Project

1) 12.05.2012
2) 12.03.2012
3) 15.12.1997
4) 29.09.2009
5) 19.02.2010

10. Geographical Coverage

Our website includes comprehensive information destination of Tamil Nadu and Online bookings of all TTDC hotels and Tours in the State. Tourists / Citizens in any part of the world can book any of room in TTDC hotels and any of seats in TTDC Tours through online.

Beneficiary of the Project

Tourists/citizens can know all tourism related information about Tamil Nadu before visiting the places. The tourists can book any of the rooms in any TTDC hotels on real time basis and to book any of seats in any Tours at any time through online sitting from their home. Tourists if needed they cancel,
preponement/postponement their tours and accommodation online according to their convenient. Tourist can have 360
degree view of 46 tourist destinations in Tamil Nadu before their travel plan.

The turnover of the TTDC has increased to 105.98 Crore during 2014-15 from Rs.40.56 Crore during 2004-05. The
revenue earned through online has nearly doubled in four years from Rs.5.65 Crore during 2012-2013 to Rs.10.07 Crore
during 2015-16.

11. Problem Statement

1. The Tourists had to visit our sales counter to do bookings.
2. The waiting time for the tourists for booking may extend up to 1 hour during season period.
3. The tourists had to visit the sales counters again for cancellation, preponement / postponement.
4. The booking time was more than half hour per tourist as confirmation of room had to be obtained from the respective hotels.

12. Project Objectives

TTDC has implemented Tamil Nadu Tourism website www.TamilNadutourism.org with comprehensive information about all tourist destinations of Tamil Nadu. TTDC has implemented Online Realtime Reservation system www.ttdconline.com enabling tourists to book any room in any of TTDC hotels on realtime basis and to book any seat in any of the tours at any time. TTDC has also launched mobile based reservation system for its hotels and tours www.mtttdconline.com enabling the tourists to book TTDC hotels and Tours through their mobile. Cancellation, Preponement, Postponement can also be made through mobile. TTDC has also implemented centralized reservation system for TTDC hotels and Tours to all its counters across the country and all counters within the states for instant booking of hotels and tours. TTDC also launched the Virtual Tours with 360 degree video coverage of 46 tourist destinations of the State. The facility enabled the tourists to have 360 degree view of the major destinations of the State.

13. Project Scope Approach and Methodology

1. The confirmation of the rooms in any TTDC hotels and seats in any Tourist booked by the tourists through this Online Reservation System will be sent online to the persons who have done the booking and a copy will also be generated for TTDC’s records. TTDC has provided the facilities of cancellation of hotel bookings and tours online dispensing with their need to visit the counters for cancellation. Similarly tourist can pre/postponement their booking online according to their need. The entire operation of the system will be online and instantaneous.
2. The tourists can book and cancel and pre/postponement their tickets in hassle free manner by utilizing Online Reservation system by sitting at Home or by just visiting any of counters near to their places.
3. We used Java and Java eclipse as Front end and Oracle as Backend for online real time reservation system and counter booking system. The Hotel Management System in various hotels and Tour Management system in Tour division were developed under VB platform.
4. The above said software are interoperable in Operating system like Windows, Unix and Sun Solaris.
5. With respect to security, it is informed we have stored the data in server as encrypted form. Firewall system is used for user to access our Online Reservation system and counter centralized system in secured manner. Due to this, unauthorized persons cannot access the system.
6. No major issue in technology used except network problems.
7. Regarding Hardware, we have executed SLA agreement with M/s.Accel Frontline Ltd., for providing service 24 hours. Regarding software, it is currently maintained in house by the IT section headed by Manager (IT).
14. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/ accomplishment of the project

1. The revenue generation through online reservation system has nearly doubled in four years from Rs.5.65 Crore during 2011-12 to Rs.12.80 Crore during 2017-18.
2. Citizen can book any number of rooms in any TTDC hotels and any number of seats in all TTDC tours at any time without visiting TTDC counters.
Welcome to TTDC ONLINE!!

TTDC was incorporated during June 1971 under the Companies Act 1956. The entire share capital of Rs.10.01 Crore has been subscribed by the State Government. TTDC was formed with the objective of promoting tourism in Tamil Nadu by providing infrastructure facilities of transport and accommodation. To fulfil this objective, TTDC has expanded its activities into 3 main operations, namely, Hotels, Transport and Fair. TTDC is at present having 53 hotels across Tamil Nadu. Out of the 53 hotels under the control of TTDC, TTDC is currently operating 33 hotels. All hotels have been upgraded to ensure comfortable stay for the tourists. The Transport division is having a fleet of 13 coaches operating tours ranging from half-day to 14 days covering the southern states. TTDC is having an exhibition in Island Ground, Chennai with 21 acres for conducting exhibitions.

ONE DAY THRUPATHI TOUR
Go on a sacred pilgrimage to thirupathi and make your mind

8 DAYS TAMILNADU TOUR
Go on a 8 days tour covering various places across Tamilnadu

General Tours
Enjoy various general tours conducted by Tamilnadu Tourism department

Rail Tours
Enjoy various train tours arranged by Tamilnadu Tourism department

LTC Tours
Enjoy various LTC tours conducted by Tamilnadu Tourism department

Special Tours
Enjoy various special tours arranged by Tamilnadu Tourism department

log on to www.ttdconline.com/mobile or www.ttdconline.com from your mobile device.
30. TRANSPORT DEPARTMENT
30.1 Public welfare scheme in Tamil Nadu State Transport Department

8. Project Summary

1. Name of the Department
   Tamil Nadu State Transport corporation (vpm) limited,

2. Status of the Host/Owner
   Tamil Nadu State Transport corporation (vpm) limited,

3. Name of the Owner Organization
   The Managing Director
   Tamil Nadu State Transport corporation (vpm) limited,

4. Name of the Project
   e-District(Phase-II) - Public welfare scheme in Tamil Nadu State Transport corporation delivered through e-Sevaicentre(CSC)

5. Name of the Contact Person
   The Managing Director/ Deputy Manager (EDP)
   Tamil Nadu State Transport corporation (vpm) limited,

6. Contact Address
   Tamil Nadu State Transport corporation (vpm) limited,
   3/137, Salamedu,
   Villupuram-605 602

7. Telephone/Fax/E-mail
   Telephone - 04146-259256-260
   Fax - 04146-259399
   E-mail - vpmtnstc@gmail.com

Tamil Nadu Government announced various welfare scheme for public in State Transport Corporation. Among that 12 Public welfare scheme were identified and same to be delivered through e-Sevaicentre(CSC) and also released in Tamil Nadu Government Gazette Published on 09.06.2017. The list of welfare scheme are given below

- Free travel concession to differently abled persons, Mentally Retarded persons and blind persons in Government Transport Corporation buses,
- Free pass for Freedom Fighters and their legal heirs (Widows).
- Free bus pass scheme to Press reporters.
- Free travel concession to students of Government Music college, Fine arts and Architecture colleges.
- HIV and AIDS patients free pass to travel in STU buses freely to buy medicines for Anti Retroviral Therapy (ART).
- Cancer patients are permitted to avail 75% concession in STU buses. If a patient accompanied with escort 50% concession will be given to both.
- 50% fare concession permitted for drama actors in STU buses.
- 50% fare concession permitted for students who come for engineering counseling in STU buses.
- 50% concession travel bus pass issue to the students studying in private colleges.
- 100% Free travel bus pass issued to the students in Government Polytechnic, Government aided Polytechnic, Government Arts and Science college, Socio college and Government ITI.
- 1/3 concession travel bus pass issued to the General public for travelling in Town and Mofussil buses
- Free bus pass to the students studying from 1st standard to 12th standard.

9. Date of Launch of the Project

Project under progress
10. Geographical Coverage

State of Tamil Nadu

11. Beneficiary of the Project

Differently abled persons, Mentally Retarded persons and blind persons, Freedom Fighters and their legal heirs (Widows), Press reporters, Government Music college students, Fine arts and Architecture colleges students, HIV and AIDS patients, Cancer patients, drama actors, students who come for engineering counselling, students studying in private colleges, students in Government Polytechnic, Government aided Polytechnic, Government Arts and Science college, Socio college and Government ITI, students studying from 1st standard to 12th standard and also General public

12. Problem Statement

Project under progress

13. Project Objectives

To provide public welfare scheme through e-sevaicentre for delivery of services in time and easy access.

14. Project Scope Approach and Methodology

Project under progress

15. Result achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project

Project under progress
30.2 Issue of Passes through online - Salem

1. Name of the Department                  Transport Department
2. Status of the host / owner               Tamil Nadu State Government Undertaking
3. Name of the owner Organization          Tamil Nadu State Transport Corporation (Salem) Ltd, Salem – 7
4. Name of the project                     Issue of Passes through online
5. Name of the Contact person              The Managing Director
6. Contact Address                         T.N.S.T.C (Salem) Limited, No.12, Ramakrishna Road, Salem – 636007.
7. Telephone/Fax/E-Mail                    Tele: 0427 – 2314391 – 93
                                            Fax: 0427-2317468
                                            Email: tnstcsalem@gmail.com

8. Project Summary
Issue of all free and concession bus passes thru online under the concerned Departments approval

9. Date of Launch of the project
Not arise

10. Geographical Coverage
Salem, Namakkal, Dharmapuri and Krishnagiri District

11. Beneficiary of the Project
Bus Travelling Public, Physically Challenged persons, Institutions and College Students, National freedom fighters

12. Problem Statement
Not arise

13. Project objectives
Delivery of service in time
Ensure hassle free service
Eradication of duplicates/malpractices

14. Project Scope Approach and Methodology
Under progress by PTCS limited, Chennai

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature /accomplishment of the project
Under progress by PTCS limited, Chennai
30.3 Issue of Passes through online - Coimbatore

1. Name of the Department: Transport Department, Tamil Nadu State Transport Corporation (Coimbatore) Ltd., Coimbatore.

2. Status of the Host/Owner: Transport Department

3. Name of the Owner Organization: Public Sector Undertakings

4. Name of the Project: Issue of Passes through online

5. Name of the Contact Person: Thiru.A.Nithyanandam, Assistant Manager (EDP), 9442519401

6. Contact Address: Tamil Nadu State Transport Corporation (Coimbatore) Ltd., 37, Mettupalayam Road, Coimbatore – 641 043.

7. Telephone / Fax / E-Mail: Telephone No : 0422 – 2431521, Fax No : 0422 – 2455110, E-mail ID : tnstcho@gmail.com, tnstcho@dataone.in

8. Project Summary

Tamil Nadu State Transport Corporation (Coimbatore) Ltd., Coimbatore hereby notifies the public services specified below to the services that can be delivered through Electronic mode under the electronic service delivery system and the relevant particulars as specified as follows:

I Phase

- Free Travel concession to differently able persons, mentally retarded persons and blind persons in Government Transport Buses.
- Free pass for freedom fighters and their legal heirs (windows)
- Free bus pass scheme to press reporters.
- Free travel concession to student of Government Music college, fine arts and Architecture collages.
- HIV and AIDS patients free pass to travel in STU buses freely to medicines for anti retroviral therapy(ART)
- Cancer patients are permitted to avail 75% concession in STU buses. If a patient accompanied with escort 50% concession will be given to both.
- 50% fare concession permitted for drama actors in STU buses.
- 50% fare concession permitted for students who come for engineering counselling in STU buses

II Phase

- 50% concession travel bus pass issue to the students studying in private colleges.
- 100% free travel bus pass issued to the student studying in Government polytechnic, Government aided polytechnic, Government arts and science college, socio college and Government ITI.
- 1/3rd concession travel bus pass issued to the general public for travelling Town and Mofussil Buses

III Phase

- Free bus pass to the student studying from 1st standard to 12th standard
9. Date of Launch of the Project
Under Process

10. Geographical Coverage
Coimbatore

11. Beneficiary of the Project
Bus Travelling Public,
Physically Challenged persons,
Institutions and College Students,
National freedom fighters

12. Problem Statement
Not arise

13. Project objectives
Delivery of service in time
Ensure hassle free service
Eradication of duplicates/malpractices

14. Project Scope Approach and Methodology
Under progress

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature /accomplishment of the project
Under progress
30.4 Issue of all free and concessional bus passes through e-Sevai centres

1. Name of the Department: Transport Department
2. Status of the host/owner: Tamil Nadu State Government undertakings
3. Name of the owner organization: Tamil Nadu State Transport Corporation (Tirunelveli) Ltd.,
4. Name of the Project: Issue of all free and concessional bus passes through e-Sevai centres.
5. Name of the contact person: Thiru.K.Moni, Managing Director
6. Contact Address: Tamil Nadu State Transport Corporation (Tirunelveli) Ltd.,
   Central Office,
   No.23/2, Thoothukudi Road, V.M.Chathiram,
   Tirunelveli – 627 011.
7. Telephone/Fax/e-mail: 0462 –2522982
   0462 – 2522735
   e-mail: tnstctnv@gmail.com
8. Project Summary
   - Issuing of 100% free travel passes to the students of Government ITI, Government Polytechnic, Government Arts and Science College and Socio College.
   - Issuing of 50% Concession travel passes to the students of Private Colleges.
   - Issuing of 1/3 Concession travel passes to general public
9. Date of Launch of the project: Under progress
10. Geographical coverage: Tirunelveli, Thoothukudi and Kanyakumari Districts
11. Beneficiary of the project: College students and Public
12. Problem Statement: Being done
13. Project objectives
   Delivery of service in time
   Ensure hassle free service
   Eradication of duplicates/malpractices
14. Project scope and methodology
   The project is to be implemented in 3 phase
   Study – The existing system is being studied
Pilot – Yet to be done
Roll out – Yet to be done

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project
Under progress
### 30.5 Implementation of GPS compatible GPRS based handheld E-Ticketing machines with required infrastructure at all depots, regions and divisions and Central Control Centre, for all STUs in Tamil Nadu

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<td>1</td>
<td>Name of the Department</td>
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<td>Status of the host/owner</td>
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<td>Name of the Owner Organization</td>
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<td>5</td>
<td>Name of the Contact Person</td>
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#### 8. Project Summary
Electronic handheld ticketing machines are used to issue tickets to passengers, by the conductor. These machines are initialized at the depot where the scheduled services start. The ticket data stored in the machine is transferred, by GPRS, to the central control centre at MTC premises, from time to time. The depots are also connected to the central control centre via broadband / Wi-Fi facility. At the close of the trip, the data thus transferred to CCC or data stored in the machine is downloaded at the depot computer system, Here waybill is closed - total collection calculated deducting all the deductions like batta, other fees, and the net remittance is arrived. For this amount, challan is generated and given to the conductor. All this data is also transferred to the central control centre server.

#### 9. Date of Launch of the Project
Started in 16.7.2014

#### 10. Geographical Coverage
50 km radius in Chennai city operation

#### 11. Beneficiary of the Project
Employees (crews) and public

#### 12. Problem Statement
Ensure 100% eradication of duplicates/malpractices

#### 13. Project Objectives
- Issue tickets to passengers travelling by STU bus.
14. **Project Scope Approach and Methodology**

The Project was implemented by 3 phases:

1) Study – The existing system was studied
2) Pilot – In Adyar depot pilot project was carried out

Roll out – after the pilot project, ETM was implemented in all other depots (34).

15. **Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project**

The Project has been implemented successfully and 90% of the ETM is under utilization after 6 months of roll out.
30.6 Free and all Concessional Bus Passes issued in online services through e-sevai centres (e-Sevai)

1. Name of the Department: Transport Department
2. Status of the host/owner: Tamil Nadu State Government undertaking
3. Name of the Owner Organization: Metropolitan Transport corporation (Chennai) Limited.,
4. Name of the Project: Free and all Concessional Bus Passes issued in online services through e-sevai centres (e-Sevai)
5. Name of the Contact Person: A. ANBUABRAHAM, MANAGING DIRECTOR
7. Telephone/Fax/E-Mail: 044-23455801 ext:222, E-mail: mtc.chn@gmail.com

8. Project Summary
1. (a) Free travel concession to students of Government Music College, Fine arts and Architectural Colleges (b) 100% free travel bus passes issued to students in Government Polytechnic, Government Arts and Science, Socio College and Government ITI
2. 50% concessional travel passes for students studying in private college,
3. 1/3 concessions travel bus pass issued to the general public for travelling in and around Chennai within 50Kms Radius
4. Free travel concessional to senior citizen living in Chennai, who completed age of 60 years (only MTC)

9. Date of Launch of the Project
Work under process

10. Geographical Coverage
50 km radius in Chennai city operation

11. Beneficiary of the Project
Students studying from 1st STD to 12th STD
Government colleges, Polytechnics and Government ITI students, Private engineering colleges, Private Arts and Science College student, public and Sr. Citizens.

12. Problem Statement
Aadhar Card numbers to ensure 100% eradication of duplicate and malpractices and to save the time.

13. Project Objectives
Delivery of service in time
Ensure hassle free service
Eradication of duplicates/Malpractices

14. Project Scope Approach and Methodology
The Project is to be implemented in 3 phases:
Study - The existing system is being studied
Pilot – under process
Roll out – under process

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project
To achieve the following service process
Delivery of service in time
Ensure hassle free service
Eradication of duplicates/Malpractices
30.7 Online Ticket Reservation System

1. Name of the Department: Transport Department of Tamil Nadu
2. Status of the host/owner: Private Cloud / SETC
3. Name of the Owner Organization: Managing Director, Express Transport Corporation Tamil Nadu Ltd., State
4. Name of the Project: Online Ticket Reservation System
5. Name of the Contact Person: V. Baskaran, Managing Director, SETC Ltd.,
6. Contact Address: No-02, Pallavan Salai, Chennai-600 002.
7. Telephone/Fax/E-Mail: 044-25366351 / Fax : 25384100 / setcotrs@yahoo.com

8. Project Summary

On Line Ticket Reservation System is used to book the journey Tickets to travel in the long distance buses of Tamil Nadu Transport Corporations. 76 online reservation centres with 82 Counters are functioning in Tamil Nadu and the neighbouring states of Andra Pradesh, Kerala, Karnataka and Puducherry. Passengers can also book the tickets through our website www.tnstc.in. Average booking seats per day is approx 9000.

9. Date of Launch of the Project
3rd October 2011. This system was launched by Honorable Chief Minister of Tamil Nadu

10. Geographical Coverage
Tamil Nadu and neibouring states Viz Kerala, Karnataka, Andraprash and Puducherry.

11. Beneficiary of the Project
Travelling Public

12. Problem Statement
Nil

13. Project Objectives
By using this facility, the commuters can book their e-tickets through our website www.tnstc.in and also through Mobile phone 60 days in advance.

14. Project Scope Approach and Methodology
Web based Technology using JAVA and SQL
15. Results achieved/value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project

Seats are booked by Passengers through our website from their home itself. Apart from that Passengers can book ticket by visiting near by reservation centres. 284.33 Lakhs of seats were booked by the Commuters till date ie. 16/09/2019 through this system.
30.8 Issue of 12 No.s of various Bus concession pass through Online through TNeGA and the list is enclosed.

1. Name of the Department: TAMIL NADU STATE TRANSPORT CORPORATION(KUMBAKONAM)LTD., KUMBAKONAM
2. Status of the host/owner: MANAGING DIRECTOR
3. Name of the Owner Organization: P.Ravindran
4. Name of the Project: Issue of 12 Nos of various Bus concession pass through Online through TNeGA and the list is enclosed.
5. Name of the Contact Person: K.Athappan
6. Contact Address: Deputy Manager (Tech and Comml), TNSTC (KUM)Ltd., Kumbakonam. 612 001.
7. Telephone/Fax/E-Mail: 0435 – 2403726 / FAX 2403727 / tnstckum@gmail.com

8. Project Summary

Issue of various concession pass through online to the College Student, Working Persons, Drama Artist, Differently Abled, Cancer Patient, etc., through TNeGA

9. Date of Launch of the Project

Now under progress with TNeGA, Chennai.

10. Geographical Coverage

10 Districts within the Operational Jurisdiction of TNSTC Kumbakonam
   1. Thanjavur
   2. Trichy
   3. Karur
   4. Perambalur
   5. Ariyalur
   6. Pudukottai
   7. Sivagangai
   8. Ramanathapuram
   9. Thiruvarur
   10. Nagapattinam

11. Beneficiary of the Project

College Students, Working Persons, Drama Artist, Differently Abled, Cancer Patient, etc.

12. Problem Statement

Now under Progress with TNeGA

13. Project Objectives
1. Delivery of Service in time.
2. Ensure hassle free service
3. Direct Benefit Transfer (DBT)

14. Project Scope Approach and Methodology
Under Progress

15. Results achieved/value delivered to the beneficiary of the project and other distinct feature/accomplishment of the project
Now under Progress with TNeGA
30.9 Digitalization of Bus Stops

1. Name of the Department
   Transport Department

2. Status of the host / owner
   Tamil Nadu State Government Undertaking

3. Name of the owner Organization
   Tamil Nadu State Transport Corporation (Salem) Limited, Salem – 7

4. Name of the project
   Digitalization of Bus Stops

5. Name of the Contact person
   The Managing Director

6. Contact Address
   T.N.S.T.C (Salem) Limited,
   No.12, Ramakrishna Road,
   Salem – 636007.
   Tele: 0427 – 2314391 – 93
   Fax: 0427-2317468
   Email: tnstcsalem@gmail.com

7. Telephone/Fax/E-Mail

8. Project Summary

   Digitalization of all bus stops used the commuter at which time they require bus report at the spot or bus stops.

9. Date of Launch of the project
   Not arise.

10. Geographical Coverage

   Salem, Namakkal, Dharmapuri and Krishnagiri District

11. Beneficiary of the Project

   Bus Travelling Public,
   Physically Challenged persons,
   Institutions and College Students,
   National freedom fighters,

12. Problem Statement

   Not arise

13. Project objectives

   Delivery of service in time
   Ensure hassle free service
   Eradication of duplicates/malpractices

14. Project Scope Approach and Methodology

   Under progress by PTCS limited, Chennai

15. Results achieved/Value delivered to the beneficiary of the project and other distinct feature /accomplishment of the project

   Under progress by PTCS limited, Chennai
30.10 Issue of Passes through online - Madurai

1 Name of the Department
Transport Department ,
Tamil Nadu State Transport Corporation
(MADURAI)Ltd., Madurai

2 Status of the Host / Owner
NIL

3 Name of the Owner Organisation
Public Sector Undertakings

4 Name of the Project
NIL

5 Name of the Contact person
Thiru N. Satheeshkumar., Asst. Manager (EDP)
94875 96286

6 Contact Address
Tamil Nadu State Transport Corporation(Madurai)Ltd.,
Corporate Office - Bye pass Road.,
Madurai-625010

7 Telephone/Fax/E-Mail
Telephone : 0452 - 2380112
Fax : 0452 - 2381567
E-mail : tnstcmdu@gmail.com

8. Project Summary
Tamil Nadu state transport corporation (Madurai) Ltd., Madurai hereby notifies the public services specified below to the services that can be delivered through Electronic mode under the electronic service delivery system and the relevant particulars as specified as follows:

I phase
1. Free travel concession to differently abled persons, mentally retarted persons and blind persons in Government Transport Corporation Buses.
2. Free pass for freedom fighters and their legal heirs (widows)
3. Free bus pass scheme to press reporters
4. Free travel concession to student of Government Music college, fine arts and Architecture colleges
5. HIV and AIDS patients free pass to travel in STU Buses freely to by medicines for anti retroviral therapy (ART)
6. Cancer patients are permitted to avail 75% concession in STU buses. If a patient accompanied with escort 50% concession will be given to both
7. 50% fare concession permitted for drama actors in STU buses.
8. 50% fare concession permitted for students who come for engineering counselling in STU buses.

II Phase
1. 50% concession travel bus pass issue to the students studying in private colleges.
2. 100% free travel bus pass issued to the student studying in Government polytechnic, Government aided polytechnic, Government arts and science college, socio college and Government ITI.
3. 1/3rd concession travel bus pass issued to the general public for travelling Town and Mofussil Buses.

III Phase
1. Free bus pass to the student studying from 1st standard to 12th standard.

9. Date of Launch of the Project
Under Progress

10. Geographical Coverage
Madurai

11. Beneficiary of the Project
Bus Travelling Public,
Physically Challenged persons,
Institutions and College Students,
National freedom fighters

12. Problem Statement
NIL

13. Project Objectives

Delivery of service in time
Ensure hassle free service
Eradication of duplicates/malpractices

14. Project Scope Approach and Methodology

Under Progress

15. Results achieved / value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project

Under Progress.
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<td>2</td>
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<td>Transport Department, Tamil Nadu, Software Support by NIC</td>
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<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Vahan and Sarathi (version 4)</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Deputy Transport Commissioner - 1 Shri L Ramdass, Senior Technical Director, NIC <a href="mailto:lram@nic.in">lram@nic.in</a></td>
</tr>
<tr>
<td></td>
<td>Contact Address</td>
<td>First Floor, O/o State Transport Authority, Ezhilagam, Chennai 600 005</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / E-Mail</td>
<td><a href="mailto:dtc1sta@nic.in">dtc1sta@nic.in</a>, 044-28528030, Mob: 9443246567</td>
</tr>
</tbody>
</table>

8 **Project Summary**

Vahan and Sarathi (Version 4) is a web based Applications developed and implemented for Regional Transport Offices in the State to automate all services related to Vehicle Registration and Driving License.

9 **Date of Launch of the Project**

April 2017

10 **Geographical coverage**

All over Tamil Nadu

11 **Beneficiary of the Project**

Citizen, Vehicle Dealers, Driving Schools, Official of Transport Department and Police Department

12 **Problem Statement**

With wide variations in state policies and manual/ system based procedures being followed across the country, it had become necessary to have centralized Applications for ensuring higher transparency, security and reliability of operations through a countrywide unified database and provision of a highly citizen and trade centric web enabled environment.

13 **Project Objectives**

To enable online services to Citizen for services related to Vehicle Registration and Driving Licenses.

14 **Project Scope, Approach and Methodology**
The applications VAHAN and SARATHI were conceptualized to capture the functionalities as mandated by Central Motor Vehicle Act, 1988 as well as State motor vehicle Rules with customization in the core product to suit the requirements of States and UTs.

15 Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

Implemented in all 145 Regional Transport Offices in the State. Provision to view the status of the Applications SMS intimation on approval of the transactionse-Challan App for booking Offence and m-parivahan for creating virtual RC and DL.
31. WELFARE OF DIFFERENTLY ABLED PERSONS DEPARTMENT
31.1 Self employment loan, Marriage Assistance and Maintenance allowance,Welfare of Differently abled Department.

1. Name of the Department
   Commissionerate for the Welfare of Differently abled, Chennai-5.

2. Status of the host/owner
   -------

3. Name of the owner organisation
   Commissioner for the Welfare of Differently abled.

4. Name of the project
   Self employment loan, Marriage Assistance And Maintenance allowance.

5. Name of the contact person
   Commissioner for the Welfare of Differently abled.

6. Contact Address
   Kamarajarsalai,
   Chennai-5.

   28444940 / 28444941 / scd.tn@nic.in, scda.tn@gmail.com

8. Project summary
   From this department 3 services namely loan assistance, Providing Maintenance Allowance and marriage assistance has been piloted in 2 districts namely Chennai and Kancheepuram.

9. Date of launch of project

10. Geographical coverage
   Chennai and Kancheepuram

11. Beneficiary of the project
   All Differently abled persons.

12. Problems statement
   Yet to be identified

13. Project objectives
   Simplify the proceeding of applications and reduce the physical strain of the differently abled person in knowing the status of their application by visiting the District Differently abled Welfare Office.

14. Project scope approach and methodology
   Through e-service under the beneficiaries submit their application to District Differently abled welfare office and track the status of processing of their applications.

15. Results achieved / value delivered to the beneficiary of the project and other distinct feature / accomplishment of the project
   It is not yet ascertain as the scheme is in pilot stage.
32. YOUTH WELFARE AND SPORTS DEPARTMENT
### 32.1 Web Portal and ICT Application in Sports Domain

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Youth Welfare and Sports Development Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the host / Owner</td>
<td>Government of Tamil Nadu</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Sports Development Authority of Tamil Nadu (SDAT)</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Web Portal and ICT Application in Sports Domain</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>The Member Secretary</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>SDAT, 116 A Nehru Park, EVR Periyar High Road, Egmore, Chennai -84</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / e-Mail</td>
<td><a href="mailto:memsecy.sda@tn.gov.in">memsecy.sda@tn.gov.in</a>, <a href="mailto:sdattn@gmail.com">sdattn@gmail.com</a></td>
</tr>
</tbody>
</table>

#### 8. Project Summary

1. Online ICT application enables the Citizens to
   - Online application for SDAT Schemes
   - Online application for SDAT Competitions in all over Tamil Nadu
   - Online membership booking for Swimming at Aquatic Complex
   - Online Stadium booking to utilize Stadiums across the TN for Sports Events
   - Online applications for SDAT Sports Hostel Admission
   - Computerization of complete Management of Sports Hostel – process includes –
     - receipt of Online Applications
     - Filtration and sending call letter
     - District level selection trial
     - State level selection trial
     - Counselling
     - Admission and Enrolment across TN
     - Allotment of Coaches
     - Tracking academic/sports performance of students till they leave the hostel
   - Online Application for SDAT Sports Scholarship
   - ICT application enables the officials of SDAT to
     - Track Sports personalities performance details in various competitions
   - Maintenance / Management of complete Sports infrastructure across TN – Membership, Utilization, Coaching, Basic Infrastructure
   - Helps the Coaches to track, decide on training plans and strategies based on student past records

2. Web Portal and CMS – which enables the Web administrator to manage the web portal of the Department including Online applications

#### 9. Date of launch of the Project
10. Geographical Coverage

All over Tamil Nadu

11. Beneficiary of the Project

Citizens, Department officials (SDAT) and Sports Persons

12. Problem Statement

Prior to the implementation of this project, Sports persons/students had to go in person to the Department to apply and avail the various services. On acceptance every payment had to be done by the mode of DD. Awareness of the sports events taking place was very less. Manual tracking of performance was made, which did not give an analytical picture for any improvement.

13. Project Objectives

To overcome the above problem, an online system has developed. Online applications for all the facilities are provided, instant alerts on upcoming competitions across TN is given, online payments for booking of stadium and memberships is enabled. Dashboards for instant tracking of competitions and its results that are taking place across Districts are provided. Different dashboards based on role of the officials and their portfolio is provided

14. Project Scope Approach and Methodology

Around 50 user credentials have been created for usage for 8 different types of roles across the Department. Every user will have different dashboards and user interface based on their portfolio. Daily manual process has been simplified and made easy for 42 different process workflow. Online payment has been integrated with HDFC Bank which has interface for 50+ Net Banking, Credit Card and Debit Card. The system is being successfully implemented and is in use.

15. Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project

Citizens have started to use the application and online memberships have been registered and ID cards have been issued. Online applications are being received for Carrom Competition and the District Sports officers are approving and sending call letters for participation through the application.

SDAT managers are viewing the status of the applications through their Dashboards. Other modules are being implemented
10. Geographical Coverage
All over Tamil Nadu

11. Beneficiary of the Project
Citizens, Department officials (SDAT) and Sports Persons

12. Problem Statement
Prior to the implementation of this project, Sports persons/students had to go in person to the Department to apply and avail the various services. On acceptance every payment had to be done by the mode of DD. Awareness of the sports events taking place was very less. Manual tracking of performance was made, which did not give an analytical picture for any improvement.

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15. Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project
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33. TAMIL NADU INFORMATION COMMISSION

33.1 Online filing of Second Appeal

1. Name of the Department: Tamil Nadu Information Commission


3. Name of the Owner Organization: Tamil Nadu Information Commission

4. Name of the Project: Online filing of Second Appeal

5. Name of the Contact Person: Thiru. S. Ashok Kumar, Secretary

6. Contact Address: Tamil Nadu Information Commission, No.2 Thiyagaraya Salai, Teynampet Chennai

7. Telephone / Fax / E-mail: 044-24312848, 044-24357580  sic@nic.in

8. Project Summary: Filling of RTI Second Appeals through online provisioned for the public use.

9. Date of Launch of the Project: 13.08.2018

10. Geographical Coverage: India and other countries

11. Beneficiary of the Project: Easy access for the public to file Second Appeal online from anywhere. Time and cost efficient

12. Problem Statement: NIL

13. Project Objectives: To initiate paperless e-Governance and to reduce the workload of the users

14. Project Scope Approach and Methodology: The project has been defined, mapped and developed with the help of National Informatics Centre. The project was delivered with the project is a Second Appeal format/template developed using Online programming

15. Results achieved / Value delivered: Project completed and successfully hosted in the www.tnsic.gov.in website for the public use to file RTI Second Appeal.
33.1 Online filing of Second Appeal

1. Name of the Department  
   Tamil Nadu Information Commission

2. Status of the Host / Owner  
   Tamil Nadu Information Commission through National Informatics Centre Live.

3. Name of the Owner Organization  
   Tamil Nadu Information Commission
   Teynampet, Chennai - 18

4. Name of the Project  
   Online filing of Second Appeal

5. Name of the Contact Person  
   Thiru. S. Ashok Kumar, Secretary
   Tamil Nadu Information Commission, No.2 Thiyagaraya Salai, Teynampet Chennai

6. Contact Address  
   044-24312848, 044-24357580  sic@nic.in

8. Project Summary  
   Filling of RTI Second Appeals through online provisioned for the public use.

9. Date of Launch of the Project  
   13.08.2018

10. Geographical Coverage  
    India and other countries

11. Beneficiary of the Project  
    Easy access for the public to file Second Appeal online from anywhere. Time and cost efficient

12 Problem Statement  
    NIL

13 Project Objectives  
    To initiate paperless e-Governance and to reduce the workload of the users

14. Project Scope Approach and Methodology  
    The project has been defined, mapped and developed with the help of National Informatics Centre. The project was delivered with the project is a Second Appeal format/template developed using Online programming

15 Results achieved / Value delivered  
    Project completed and successfully hosted in the www.tnsic.gov.in website for the public use to file RTI Second Appeal.
33.2 Web Portal and ICT Application for uploading of Judgements / Orders / Memos

1. Name of the Department: TN State Information Commission
2. Status of the host/owner: Government of Tamil Nadu, Software support by NIC
3. Name of the Owner Organisation: TN State Information Commission
4. Name of the Project: Web Portal and ICT Application for uploading of Judgements / Orders / Memos
5. Name of the Contact Person: Commissioner TNSIC
   Mr. Chandrasekaran, Technical Director, NIC
   chandra.tn@nic.in
6. Contact Address: No.2, Theagaraya Salai, Near Aalai Amman Koil,
   Teynampet, Chennai - 600 018
7. Telephone/Fax/Email: sic@nic.in

8. Project Summary

1. Online ICT application enables the Department officials to:
   - Upload Judgements of Chief Information Commissioner and other Commissioners
   - Extract information based on Judgements given under various cases
   - Extract judgements and view reports on all the Commissioners.
   - View reports based on Judgements / orders issued between selected period of time
   - Search between judgements for references in new cases

2. Web Portal enables the public citizens to view all the Judgements / orders / memos uploaded by the Department officials.

9. Date of launch of the Project
   August 2008

10. Geographical Coverage
    All over Tamil Nadu

11. Beneficiary of the Project
    Citizens, Department officials (TNSIC), Commissioners

12. Problem Statement
    - Prior to the implementation of this project, the officials found it very difficult to search between Judgements orders issued by the Commissioners for any reference purpose.
    - Common citizens also did not have an option to search for the judgements received on their appeals to the Information Commission.
    - They had to go to the Information Commission. Register in person and request for the judgement copy given on their appeal.

13. Project Objectives
    To overcome the above problems, this web based system was developed. Uploading of judgements facilitated both the Department officials and the Common public to view and search for any judgements similar to their appeals also.

14. Project scope approach and methodology
Web application has been created for the officials of the Department and 2 types of roles have been created to enable hosting of judgements and monitor the hosted judgements. Training has been provided to the department officials to host the judgements. Search facility also has been given to enable a faster search based on subjects indicated in the judgements.

15 Results achieved /Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

- Citizens are using the website since 2008 to track their appeals and the judgements based on them.
- Approximately 150 judgements are uploaded and hosted in the website through multiple users.
- Around 82,000 judgements available in the website for searching and downloading.
- Average of around 1,000 downloads per month
- The website has an average of 5 lakh hits per month
### 33.3 Integrated application for Tamil Nadu State Information Commission

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>TNIC Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the host / Owner</td>
<td>Government of Tamil Nadu</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>TNIC Department</td>
</tr>
<tr>
<td>4</td>
<td>Name of the Project</td>
<td>Integrated application for Tamil Nadu State Information Commission</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="http://www.tnsic.gov.in/">http://www.tnsic.gov.in/</a></td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>State Chief Information Commissioner</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shri. Chandrasekaran, Technical Director, NIC</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:chandra.tn@nic.in">chandra.tn@nic.in</a></td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Tamil Nadu Information Commission</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No.2, Thiyagaraya Salai, Near Aalai Amman Koil, Teynampet, Chennai 600 018</td>
</tr>
<tr>
<td>7</td>
<td>Telephone / Fax / eMail</td>
<td>044-24347590</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:sic@nic.in">sic@nic.in</a></td>
</tr>
</tbody>
</table>

#### 8. Project Summary

It is an integrated application proposed for Tamil Nadu State Information Commission with provision for Online filing of Second Appeal and to process subsequently in the Commission.

#### 9. Date of launch of the Project

Last week of March 2017

#### 10. Geographical Coverage

All over Tamil Nadu

#### 11. Beneficiary of the Project

Citizens

#### 12. Problem Statement

Filing Second Appeals online

#### 13. Project Objectives

To facilitate successful registration of Second Appeals, Complaint Petitions, etc., in the Commission

#### 14. Project Scope Approach and Methodology

Enquiry and Orders details are made available in the Website

#### 15. Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project

Citizens have started entering Second Appeals through the application
33.3 Integrated application for Tamil Nadu State Information Commission

2 Name of the Department
TNIC Department

3 Status of the host / Owner
Government of Tamil Nadu

4 Name of the Project
Integrated application for Tamil Nadu State Information Commission

5 http://www.tnsic.gov.in/

6 Name of the Contact Person
State Chief Information Commissioner
Shri. Chandrasekaran, Technical Director, NIC
chandra.tn@nic.in

7 Contact Address
Tamil Nadu Information Commission
No.2, Thiyagaraya Salai, Near Aalai Amman Koil, Teynampet, Chennai 600 018

8 Telephone / Fax / eMail
044-24347590
sic@nic.in

9 Project Summary
It is an integrated application proposed for Tamil Nadu State Information Commission with provision for Online filing of Second Appeal and to process subsequently in the Commission.

10 Date of launch of the Project
Last week of March 2017

11 Geographical Coverage
All over Tamil Nadu

12 Beneficiary of the Project
Citizens

13 Problem Statement
Filing Second Appeals online

14 Project Objectives
To facilitate successful registration of Second Appeals, Complaint Petitions, etc., in the Commission

15 Project Scope
Enquiry and Orders details are made available in the Website

16 Results Achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the Project
Citizens have started entering Second Appeals through the application
34. TAMIL NADU STATE ELECTION COMMISSION
34.1 Online Local Body Electoral Roll Preparation System

1. **Name of the Department**: Tamil Nadu State Election Commission(TNSEC)
2. **Status of the host / Owner**: Government of Tamil Nadu, Software support by NIC
3. **Name of the Owner Organization**: Tamil Nadu State Election Commission
4. **Name of the Project**: Online Local Body Electoral Roll Preparation System
5. **Name of the Contact Person**: M Malik Feroze Khan I.A.S (R)
6. **Contact Address**: No. 208/2, Jawaharlal Nehru Road, Arumbakkam, Chennai – 600 106
7. **Telephone / Fax / eMail**: www.tnsec.tn.nic.in

8. **Project Summary**

   This software helps the TNSEC to prepare Electoral Rolls for Each Rural and Urban Local bodies from the Central Election Commission Voter List. Also it has feature to download Individual voter’s booth slip. The Election Result dissemination also can be done using this application.

9. **Date of launch of the Project**: 1/10/2016

10. **Geographical Coverage**: All over Tamil Nadu

11. **Beneficiary of the Project**: Tamil Nadu State Election Commission and officials who are assigned election duties during Local Body Elections

12. **Problem Statement**: To Migrate Assembly Electoral Data provided by Central Election Commission to TN Rural and Urban Local Bodies, Generate Local body Electoral Rolls, Booth Slips, Online dissemination of Local Body Election Result on the day of counting.

13. **Project Objectives**: To Migrate Assembly Electoral Data provided by Central Election Commission to TN Rural and Urban Local Bodies, Generate Local body Electoral Rolls, Booth Slips, Online dissemination of Local Body Election Result on the day of counting.

14. **Project Scope Approach and Methodology**: Online System has been To Migrate Assembly Electoral Data provided by Central Election Commission to TN Rural and Urban Local Bodies, Generate Local body Electoral Rolls, Booth Slips, Online dissemination of Local Body Election Result on the day of counting.

15. **Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project**
More than 3000 NIC employees are using this Online Applications for writing various examinations under different Technologies.
More than 3000 NIC employees are using this Online Applications for writing various examinations under different Technologies.

35. TAMIL NADU PUBLIC SERVICE COMMISSION (TNPSC)
# 35.1 Online Application and registration System, Recruitment Process and Management System, Computer Based Test

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>TAMIL NADU PUBLIC SERVICE COMMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of host / Owner</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td></td>
</tr>
</tbody>
</table>

1. OARS – Online Application and registration System (One Time Registration and Online Application)
2. RPMS – Recruitment Process and Management System.
3. Counseling
4. CBT – Computer Based Test
6. On screen Certificate Verification

5 | Name of the Contact person | Thiru. K. Nantha kumar, I.A.S., Secretary |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thiru. R. Sudhan, I.A.S., Controller of Examinations</td>
</tr>
</tbody>
</table>

6 | Contact address | Tamil Nadu Public Service Commission, Frayer Bridge Road, Parktown, Chennai 600 003. |

7 | Telephone / Fax / E-Mail | Tel: 044 – 25332100, 25300451, 25332021, 25300351, Fax: 044 – 25300588, 25300598, e-mail: coetnpsc.tn@nic.in, contacttnpsc@gmail.com |

8. **Project summary**

1. **One Time Registration**

   This is system was introduced in 2012 for providing an opportunity to the aspiring candidates to maintain the data bank of such candidates. This system provides facility to the candidates to key in their vital personal particulars along with upload their photo and signature. The particulars furnished will be pulled out by presenting their User ID and password automatically while they register for a post specific notification. This paves way for easy submission of their application to any future post specific applications.

2. **Online Application**

   This system is wide ranging bunch of user friendly and complete package for all recruitments including departmental test examinations.

   When the manual application system was practiced in the Commission, the examination date will be fixed 3 to 6 months from the last date for receipt of applications which is based on the numbers of applications received, that too, more than a year in the major recruitments.

   After introduction of the Online Application Registration System the examinations dates are mentioned in notification, which are fixed 2 months period from the last date for online application.

2. **RPMS – Recruitment Process and management System**
In order to speed up the selection process, Commission is having its own software modules, viz., Recruitment Process Management System (RPMS) developed for pre and post examination date processing, Scanning and date extraction and having trained personnel in handling scanning and date extraction. TNPS is fully equipped with necessary software and hardware infrastructure for scanning and date processing. After introduction of the RPMS the examination results are immediately published by the Commission with the help of available IT infrastructure.

3. **Counselling**

   As parts of e-governance activity and more transparent way of allotment of departments to the candidates, who come out successful, Commission has introduced single window counselling procedure. Candidates are called for counseling, based on the rank and allowed to choose the post and departments according to their own preference among the available vacancy position.

4. **Computer-Based Test**

   In order to speed up the selection process, the Commission has introduced Computer Based Test initially for the Graduated and above level examinations wherein the number of applications is less than 50,000. In this mode, there is no need for printing of question papers, OMR answer sheets and scanning of Answer sheets.

5. **Online Certificate Upload**

   Recently the Commission has introduced a new system of obtaining the scanned copy of the original certificates of the shortlisted candidates through online mode through Arasu e-Seva Centres (Government e-service Centres) run by Tamil Nadu Arasu Cable TV in all Taluk and District Head Quarters, to avoid such situation that the candidates are called again and again for certificate verification, who hails especially those from remote coroner of the state may avoid travelling to TNPSC office at Chennai.

   In this new system, the candidates are required to scan and upload their certificates so as to substantiate their claims made in the online application. After due date, the Commission will verify the certificates and call only qualified candidates possessing all certificates per their claim in the online application. The original certificates will be verified at the time of Counseling / Oral Test for which the candidates have to appear in person.

   The shortlisted candidates are advised to approach the Arasu e-seva Centres (Government e-Service Centres) functioning at Taluk and District level along with their advisory memo in this regard for scanning and uploading of their original certificates. TACTV may collect RS. 5/- (Rupees Five Only) for scanning and uploading of single page image and issue an acknowledgement for the number of certificates uploaded by them as mutually agreed by TNPSC and TACTV

6. **On Screen Certificate Verification**

   The Certificate those uploaded by the candidates are verified in Computer System without hard copies.
9. **Date of Launch of the Project**

1. **OARS – Online Application and Registration System (One Time Registration and Online Application)** – 20.03.2012
3. **Counselling** – March 2012
5. **Online Certificate Upload** – 23.04.2018
6. **On Screen Certificate Verification** – 23.08.2018

10. **Geographical Coverage**

Across the Country.

11. **Beneficiary of the Project**

Unemployed youths

12. **Problem Statement**

Nil

13. **Project Objectives**

1. **OARS – Online Application and Registration System (one Time Registration and Online Application)**
   To maintain the basic details of the candidates to provide application lists and dashboard.

2. **RPMS – Recruitment Process and Management System.**
   This system introduced for publishing the examination results immediately be the Commission with the help of available IT infrastructure.

3. **Counselling**
   Allotment of department / post in transparent manner.

4. **CBT – Computer Based Test**
   This system was introduced to speed up the selection process and save the natural resources like huge number of papers. In the mode, there is no need for printing of question papers, OMR answer sheets and scanning of Answer sheets.

5. **Online Certificate Upload**
   This system introduced to avoid such situation that the candidates are called again and again for certificate verification, especially those who hails from remote corner of the state may avoid travelling to TNPSC office, at Chennai.

6. **Onscreen Certificate Verification**
   Without the hard copy of the certificates, the scanned copies are verified as per the claim of the candidates made in the online application.

14. **Project Scope approach and methodology**
15. Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project.

1. **OARS – Online Application and Registration System (One Time Registration and Online Application)**

   Till August 2018, since March 2012, 147 notifications have been published by the Commission and 1,77,80,253 candidates have applied for various posts, and more than 50,00,000 candidates have registered in the One Time Registration.

   Recently, the Commission has successfully conducted the Combined Civil Services Examination – IV (Group IV and VAO) within 60 days from the last date for online application. Nearly 20,83,152 number of applications were received for this recruitment and this is the largest number in terms of number of application received by TNPSC in its history.

2. **RPMS – Recruitment Process and Management System.**

   After introduction of this system, the examination results are immediately published by the Commission with the help of available IT infrastructure. Recently, the Commission has successfully published the results of the Combined Civil Services Examination – IV (Group IV and VAO) within 6 months from the date of examination for this recruitment and the result of Assistant Horticultural Officer has been published in 38 days.
35.2 Online Registration for Departmental Examinations

1. Name of the Department: Tamil Nadu Public Service Commission (TNPSC)
2. Status of the host/owner: TNPSC, Software support by NIC
3. Name of the Owner Organisation: TNPSC
4. Name of the Project: Online Registration for the Departmental Examinations
5. Name of the Contact Person: Controller of Examinations, TNPSC
   Mr. S Venkat Ramanananthan, Senior Technical Director, NIC
   svr.nandhan@nic.in
6. Contact Address: Tamil Nadu Public Service Commission
   TNPSC Road, V.O.C. Nagar, Park Town, Chennai 600003
7. Telephone/Fax/Email: Phone: +91-44-25300300
   E-mail: coetnpsc.tn@nic.in
8. Project Summary
   Online registration for the applicants of the bi-annual Departmental Examinations conducted by TNPSC.
9. Date of launch of the Project
   01 March 2004
10. Geographical Coverage
    All over Tamil Nadu
11. Beneficiary of the Project
    Applicants of the Departmental Examinations (GoTN Servants)
12. Problem Statement
    - NIL –
13. Project Objectives
    To enable the applicants who wish to apply for the bi-annual departmental examinations – mainly for the Tamil Nadu Government Servants – to register online and to generate Hall Ticket.
14. Project scope approach and methodology
    Applicants can apply only through Online Mode. Fees payment is through the Post Offices.
15. Results achieved /Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
    Since its launch in March 2004, 1,131,902 applicants have submitted their applications through this web application successfully.
35.2 Online Registration for Departmental Examinations

1. Name of the Department: Tamil Nadu Public Service Commission (TNPSC)
2. Status of the host/owner: TNPSC, Software support by NIC
3. Name of the Owner Organisation: TNPSC
4. Name of the Project: Online Registration for the Departmental Examinations
5. Name of the Contact Person: Controller of Examinations, TNPSC
   Mr. S Venkat Ramanananthan, Senior Technical Director, NIC
   svr.nandhan@nic.in
6. Contact Address: Tamil Nadu Public Service Commission
   TNPSC Road, V.O.C. Nagar, Park Town, Chennai 600003
7. Telephone/Fax/Email: Phone: 91-44-25300300
   E-mail: coetnpsc.tn@nic.in
8. Project Summary: Online registration for the applicants of the bi-annual Departmental Examinations conducted by TNPSC.
9. Date of launch of the Project: 01 March 2004
10. Geographical Coverage: All over Tamil Nadu
11. Beneficiary of the Project: Applicants of the Departmental Examinations (GoTN Servants)
12. Problem Statement: NIL
13. Project Objectives: To enable the applicants who wish to apply for the bi-annual departmental examinations – mainly for the Tamil Nadu Government Servants – to register online and to generate Hall Ticket.
14. Project scope approach and methodology: Applicants can apply only through Online Mode. Fees payment is through the Post Offices.
15. Results achieved /Value delivered to the beneficiary of the project and other distinct features /accomplishments of the project: Since its launch in March 2004, 1,131,902 applicants have submitted their applications through this web application successfully.
Online Examination System of NIC (OESNIC)

Name of the Department: National Informatics Centre

Status of the Host/Organization: National Informatics Centre

Name of the Owner Organization: National Informatics Centre

Name of the Project: Online Examination System of NIC (OESNIC)

Name of the Contact Person: K Srinivasa Raghavan

Contact Address: E2A, Rajaji Bhawan, Besant Nagar, Chennai 600 090

Telephone/Fax/eMail: ks.raghavan@nic.in

Project Summary:
This software helps the NIC to conduct Online Examination under various Technologies. The officials from various locations can register for the available examination under any batch and appear for the same on the date and time of exam. The result of the exam is declared immediately.

Date of Launch of the Project: 01/10/2017

Geographical Coverage:

Beneficiary of the Project: NIC Employees

Problem Statement:
This software helps the NIC to conduct Online Examination under various Technologies. The officials from various locations can register for the available examination under any batch and appear for the same on the date and time of exam. The result of the exam is declared immediately.

Project Objectives:
To upgrade the skills of NIC employees under various technologies on time to time basis.

Project Scope Approach and Methodology:
This Software helps in creation of Exam on specific date and different batches can be created on that particular exam date. NIC officials can register themselves for any available slot based on first come first basis and appear for the Exam at that particular batch. Exam results is declared immediately.

Results Achieved/Value delivered to the beneficiary of the project and other distinct feature/accomplishment of the Project:

36. NATIONAL INFORMatics Centre (nic)
36.1 Online Examination System of NIC (OESNIC)

1 Name of the Department: National Informatics Centre
2 Status of the host / Owner: National Informatics Centre
3 Name of the Owner Organization: National Informatics Centre
4 Name of the Project: Online Examination System of NIC (OESNIC)
5 Name of the Contact Person: K. Srinivasa Raghavan
6 Contact Address: E2A, Rajaji Bhawan, Besant Nagar, Chennai 600 090
7 Telephone / Fax / eMail: ks.raghavan@nic.in

8 Project Summary

This software helps the NIC to conduct Online Examination under various Technologies. The officials from various location can register for the available examination under any batch and appear for the same on the date and time of exam. The result of the exam is declared immediately.

9 Date of launch of the Project

01/10/2017

10 Geographical Coverage

-

11 Beneficiary of the Project

NIC Employees

12 Problem Statement

This software helps the NIC to conduct Online Examination under various Technologies. The officials from various location can register for the available examination under any batch and appear for the same on the date and time of exam. The result of the exam is declared immediately.

13 Project Objectives

To upgrade the skills of NIC employees under various technologies on time to time basis.

14 Project Scope Approach and Methodology

This Software helps in creation of Exam on specific date and different batches can be created on that particular exam date. NIC officials can register themselves for any available slot based on first come first basis and appear for the Exam at that particular batch. Exam results is declared immediately.

15 Results Achieved / Value delivered to the beneficiary of the project and other distinct feature / accomplishment of the Project
Used for NIC employees working across the country to write various Technical Examinations for capacity Building.
### 36.2 Visitors Management System (eVMS) for Raj Bhavan-Chennai

<table>
<thead>
<tr>
<th></th>
<th>Name of the Department</th>
<th>Raj Bhavan Tamil Nadu</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the host/owner</td>
<td>Raj Bhavan Tamil Nadu, Software support by NIC</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organisation</td>
<td>Raj Bhavan Tamil Nadu</td>
</tr>
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<td>4</td>
<td>Name of the Project</td>
<td>Visitors Management System (eVMS) for Raj Bhavan-Chennai</td>
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<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Secretary to Governor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shri S Venkat Ramanthan, Senior Technical Director, NIC</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="mailto:svr.nandhan@nic.in">svr.nandhan@nic.in</a></td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Raj Bhavan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chennai 600 022</td>
</tr>
<tr>
<td>7</td>
<td>Telephone/Fax/Email</td>
<td>44-22351313, <a href="mailto:govtam@nic.in">govtam@nic.in</a></td>
</tr>
</tbody>
</table>

#### 8 Project Summary

Visitors who wish to visit Raj Bhavan-Chennai campus on 1-hour tour can register their details online to get ticket for entry. Both Online and Offline payment modes are available to the applicants.

#### 9 Date of launch of the Project

19th April 2017

#### 10 Geographical Coverage

All over world

#### 11 Beneficiary of the Project

Visitors on 1 hour tour to Raj Bhavan-Chennai campus.

#### 12 Problem Statement

To book tickets online to visit Raj Bhavan, Chennai

#### 13 Project Objectives

To facilitate the applicants who wish to book the admission tickets to see around the Raj Bhavan-Chennai campus through online mode and to make payment either through Online or through Offline mode.

#### 14 Project scope approach and methodology

Applicants (maximum of 5 persons per group) can book the entry tickets. After Raj Bhavan officials approve their entry, the applicants will get SMS and eMail as confirmation message. On the day of visit, applicants will be allowed on producing these confirmation message.

#### 15 Results achieved /Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project

Since its launch about 9,500 applicants have successful registered and majority of them booked their admission tickets and visited Raj Bhavan-Chennai campus.
8. Project Summary
- Case Information System (CIS), the comprehensive Case Information System maintains the particulars of cases filed at the Madras High Court from the level of filing till they are disposed of. Statistical reports relating to pending/disposed cases are prepared regularly. As per eCommitee mandate, a common software, National Core Version 1.0 is planned for roll out in High Court.

9. Date of Launch of Project
- CIS – High Court: March 2003

10. Geographical coverage
- Madras High Court, Madurai Bench and Subordinate courts of TN and Puducherry

11. Beneficiary of the Project
- Litigant Public, Advocates and Law community

12. Problem Statement
- The software captures the cases filed in the High Court from filing till disposal and automates the various functions of the registry.

13. Project Objectives
- Citizen Centric Services
- Case status is being uploaded into Madras High Court Case Status website daily.
- Cause List is being hosted on Internet.
- Services through Information Centre.
- E-Kiosks with new features are installed inside the Madras High Court and its bench at Madurai
- SMS alerts on Case Status sent to Advocates.
- A common software, National Core Version 3.0 is rolled out in all subordinate courts.
- Web based case status/orders availability in eCourts portal

14. Project Scope, Approach and Methodology
- Name of the Department: Madras High Court
- Status of the Host / Owner: Madras High Court, Software support by NIC
- Name of the Owner Organization: Madras High Court
- Name of the Project: eCourt System
- Name of the Contact Person: Registrar (IT- cum-Statistics)
  Shri Krishna Kumar, Sr Technical Director, NIC
  krishna.tn@nic.in
- Contact Address: Madras High Court, Chennai 600 104.
- Telephone/Fax/eMail: 044-2530 1000, cpc-tn@aij.gov.in
### 8. Project Summary
- Case Information System (CIS), the comprehensive Case Information System maintains the particulars of cases filed at the Madras High Court from the level of filing till they are disposed of. Statistical reports relating to pending/disposed cases are prepared regularly. As per eCommittee mandate, a common software, National Core Version 1.0 is planned for roll out in High Court.

### 9. Date of Launch of Project
- CIS – High Court: March 2003

### 10. Geographical coverage
- Madras High Court, Madurai Bench and Subordinate courts of TN and Puducherry

### 11. Beneficiary of the Project
- Litigant Public, Advocates and Law community

### 12. Problem Statement
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### 13. Project Objectives
- **Citizen Centric Services**
  - Case status is being uploaded into Madras High Court Case Status website daily.
  - Cause List is being hosted on Internet.
  - Services through Information Centre.
  - E-Kiosks with new features are installed inside the Madras High Court and its bench at Madurai
  - SMS alerts on Case Status sent to Advocates.
  - A common software, National Core Version 3.0 is rolled out in all subordinate courts.
  - Web based case status/orders availability in eCourts portal

### 14. Project Scope, Approach and Methodology

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<tr>
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<th>Madras High Court</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Status of the Host / Owner</td>
<td>Madras High Court, Software support by NIC</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Owner Organization</td>
<td>Madras High Court</td>
</tr>
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<td>4</td>
<td>Name of the Project</td>
<td>e-Court System</td>
</tr>
<tr>
<td>5</td>
<td>Name of the Contact Person</td>
<td>Registrar (IT-cum-Statistics)</td>
</tr>
<tr>
<td>6</td>
<td>Contact Address</td>
<td>Shri Krishna Kumar, Sr Technical Director, NIC</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td><a href="mailto:krishna.tn@nic.in">krishna.tn@nic.in</a></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Madras High Court, Chennai 600 104.</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>044-2530 1000</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td><a href="mailto:cpc-tn@aij.gov.in">cpc-tn@aij.gov.in</a></td>
</tr>
</tbody>
</table>
Providing ICT enablement of courts to make Justice delivery system affordable and cost-effective. It is to provide designated services to litigants, lawyers and the judiciary by computerization of High Court, District and Subordinate courts in the country and enhancement of ICT enablement of the justice delivery system.

15. Result Achieved/value delivered to the beneficiary of the project and other distinct features /accomplishments of the project

- Key functions such as case filing, allocation, registration, case work-flow, orders and judgments are become ICT enabled. Causelists, case-status, orders, and judgments are made available on the web and made accessible to litigants, advocates and general public. The National grid created for key Judicial information available all round the clock in a reliable and secure manner.
36.4 e-Court Project –Judgement Information System (JIS)

1 Name of the Department: Madras High Court
2 Status of the host / owner: Madras High Court, Software support by NIC
3 Name of the Owner Organization: Madras High Court
4 Name of the Project: eCourt Project
5 Name of the Contact Person: Registrar (IT-cum-Statistics)
   Shri K Krishna Kumar, Senior Technical Director, NIC
   krishna.tn@nic.in
6 Contact Address: Madras High Court, Chennai 600 104.
7 Telephone / Fax / E-Mail: 044-2530 1000, cpc-tn@aij.gov.in

8 Project Summary
   • Judgment Information System (JIS) maintains the Final orders, Decrees, Bails/Anticipatory Bails and interim application orders. The computerized system has reduced the time delay in issuance of copies to the litigants.

9 Date of Launch of the Project
   • JIS – High Court: March 2003

10 Geographical coverage
   • Madras High Court, Madurai Bench and Subordinate courts of TN and Puducherry

11 Beneficiary of the Project
   • Litigant Public, Advocates and Law community.

12 Problem Statement
   • The software has reduced the delay in issuance of Certified copies of the orders/Judgments to the litigants.

13 Project Objectives

Citizen Centric Services:
   • Judgments and Daily orders are being hosted on Internet.
   • Indexed cases are supplied to the Law Journals.
   • Services through Information Centre.
   • E-Kiosks with new features are installed inside the Madras High Court and its bench at Madurai
   • SMS alerts on Copy Applications Status are being sent to Advocates.

Web based case status/orders availability in eCourts portal

14 Project Scope, Approach and Methodology
   • Providing ICT enablement of courts to make Justice delivery system affordable and cost-effective. It is to provide designated services to litigants, lawyers and the judiciary by computerization of High Court, District and Subordinate courts in the country and enhancement of ICT enablement of the justice delivery system.

15 Results achieved / Value delivered to the beneficiary of the project and other distinct features / accomplishments of the project
• Key functions such as case filing, allocation, registration, case work-flow, orders and judgments are become ICT enabled. Causelists, case-status, orders, and judgments are made available on the web and made accessible to litigants, advocates and general public. The National grid created for key Judicial information available all round the clock in a reliable and secure manner.
Key functions such as case filing, allocation, registration, case work-flow, orders and judgments are become ICT enabled. Causelists, case-status, orders, and judgments are made available on the web and made accessible to litigants, advocates and general public. The National grid created for key Judicial information available all round the clock in a reliable and secure manner.