INFORMATION TECHNOLOGY AND E-GOVERNANCE

Separate Directorate of Information Technology has been created under Planning and Research Department in the year 2002 to give push to IT related activities in the U.T. of Puducherry. As a result various of initiatives taken by the Directorate of Information Technology, computerization has taken place in almost all Government departments and Personal Computer has became a vital tool to carryout day to day activities effectively in all government departments.

The Directorate of Information Technology (DIT) has now taken up, promoting IT and ITES services to tap potential for creations job opportunities within UT of Puducherry. Through various incentives which includes (i) Development of IT parks, (ii) Offering attractive incentives to IT and IT related industries to choose Puducherry as destination for starting IT Industries and software development units. Private participation in IT related services will be encouraged. It is also proposed to setup a separate society for creating Infrastructural Development in all the four regions of U.T exclusively for promotion of IT related services in this Union Territory.

e-Governance is an important instrument for improving governance and make it more citizen friendly and transparent. e-Governance requires high quality IT infrastructure, networking capabilities and adequate support and skilled technical manpower available at all levels. Hence, as a part of e-Governance initiatives it is proposed to establish :-

1. Puducherry State Wide Area Network (PSWAN)
2. State Data Centre
3. Establishment of e-group services
4. Setting up of Rajiv Gandhi Knowledge centre
5. Setting up of Jawahar Knowledge centre
6. Common Service Centers.
7. Training to Government officials and students from Government Schools.
8. Appointment/Selection of consultant for implementing various
9. e-Governance initiatives.
10. Strengthening of Directorate of Information Technology.

Some of the core applications, such as School Administration and management system, Employee payroll and HRMS, Accounts, Finance, Purchase and Inventory, GIS based applications and various Department specific application softwares will be developed by outsourcing technical expertise. The Puducherry e-Governance services (PEGS) will be utilized for implementation of various mission mode e-governance projects, training, Software Development, Web services etc. The services of National Informatics Centre, Puducherry unit may also be utilized for development of application software.

Utility services in Municipalities, Commune panchayat, Electricity, PWD, Civil Supplies, Transport, Revenue, Commercial Taxes, Police, Welfare, Judicial courts will be computerized for quick redressal of the problems that citizen face. e-Governance will also lead to transparency, accountability and speed in the procurement/ tendering process.

Online availability of various certificates will also be provided. Payment of electricity bill, water tax, sales tax, house tax, property tax etc. through the electronic mode would became reality during the 11th plan in the U.T. of Puducherry.

In close coordination with Directorate of School Education computerization process will be extended upto primary school level in all government schools. Computer related training through private institutes will be encouraged such that employment potential at the level of Higher Secondary Education and beyond to cope up with expression skills in foreign languages such as Japanese, German, French and so on and steps will be taken to ensure that IT is affordable and within the reach of the common man. During the Annual Plan 2008-09, completion of PSWAN implementation, setting up of State Data Centre, implementation of Common Service Centre, Capacity Building, e-tendering, e-district, Rajiv Gandhi Knowledge Park, Land acquisition for IT Park, Jawahar Knowledge Centre, e-Grievance Cell are proposed. In addition, setting up of GIS, Audit Cell, Unit offices at outlying region, setting up of software development cell, mission mode project, strengthening of Dte. of IT, appointment of consultant are proposed. Training to government officials, providing training and capacity building through Puducherry e-Governance Society.

OUTLAY AT A GLANCE

Sector : INFORMATION TECHNOLOGY   No. of Schemes : 9
         AND E-GOVERNANCE

Department : 1. INFORMATION TECHNOLOGY
              2. CHIEF SECRETARIAT

(Rs. in lakh)

Tenth Plan 2002-07 Actual Expenditure	:	719.27
Annual Plan 2006-07 Actual Expenditure	:	144.99
Eleventh Plan 2007-12 Approved Outlay	:	15420.02
Annual Plan 2007-08 Approved Outlay	:	700.00
Annual Plan 2007-08 Revised Outlay	:	50.00
Annual Plan 2008-09 Proposed Outlay	:	3220.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2006-07	Annual Plan 2007-08		Annual Plan 2008-09
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
1.	Introduction of e-governance	126.74	685.00	36.50	3160.00
2.	Conduct of computer training to Government Officials	3.26	5.00	3.50	49.94
3.	Strengthening of Directorate of Information Technology	--	--	--	0.01
4.	Introduction of e-governance G2G	--	--	--	0.01
5.	e-Knowledge Centre	--	--	--	0.01

Sl. No.	Name of the Scheme	Annual Plan 2006-07	Annual Plan 2007-08		Annual Plan 2008-09
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
6.	e-Services to Citizens	--	--	--	0.01
7.	Setting up of Land Bank for ITES and Provision for subsidies for PPP	--	--	--	0.01
8.	Panchayat Window *	--	--	--	0.01
	Sub-total	**130.00**	**690.00**	**40.00**	**3210.00**
	Chief Secretariat				
9.	Computerisation in Chief Secretariat	14.99	10.00	10.00	10.00
	Total	**144.99**	**700.00**	**50.00**	**3220.00**

* New Scheme.

Scheme No. 1

Sector : COMPUTERISATION

Implementing : INFORMATION
Department   TECHNOLOGY

1.   Name of the Scheme   :   Introduction of e-Governance

2.   Objective of the Scheme   :

The main Objectives of this scheme are to automate the entire government administration for transparency, accountability and simplification in Government procedures, to provide integrated software solution in all government Department. Some the important e-governance initiative are:

i)   Puducherry State Wide Area Network (PSWAN)
ii)   State Data Centre (SDC)
iii)   Common Service Centers (CSC)
iv)   Capacity Building
v)   e-Tendering
vi)   e-District
vii)   Development of Core, Common, Departmental Applications such as Employee
viii)   Payroll & Human resource management , Accounts & Finance and Purchase & Inventory. School Management System etc.
ix)   Rajiv Gandhi Knowledge Park
x)   Jawahar Knowledge Centre
xi)   e-Grievances Cell
xii)   Identification of vendor for implementation of various e-Governance initiatives.

Provide network solution to all Departments, Corporations, PSUs, Quasi-Government bodies of Union Territory of Puducherry. Provide technical support for outsourcing of application software, Web design, Web portal etc. Proposed to set up a software team, to support the existing software and development of small sized software to various Government Departments. Implementation of various Mission Mode Projects (MMPs) of Government of India. To provide regional language support to the proposed software application.

3.(a)   Actual physical Achievement 2006-07   :

Technical clearance for all IT related activities.

(b)   Anticipated Physical Achievement 2007 - 08   :

i.   Video Conference was set up in the Chief Secretariat Conference hall and all outlying regions to have periodical conferencing with outlying regions

    ii.   Computers systems were provided to Revenue Department for Issue of Permanent integrated Certificates to Student of 10th and +2 at the School itself.

    iii.   Technical clearances of all IT related activities were issued.

    iv.   PSWAN POP locations and horizontal connections were identified.

    v.   Setting up of Server Room along with a separate IP.

    vi.   Creation of necessary functional posts for the implementation of this initiative.

(c)   Programme envisaged for Annual Plan 2008-09 :

    i.   Completion of PSWAN implementation

    ii.   Setting up of State Data Centre

    iii.   Implementation of Common Service Centre.

    iv.   Capacity Building

    v.   e-Tendering

    vi.   e-District

    vii.   Development of Core, Common, Departmental Applications such as Employee Payroll & Human resource management , Accounts & Finance and Purchase & Inventory. School Management System etc.

    viii.   Rajiv Gandhi Knowledge Park

    ix.   Jawahar Knowledge Centre

    x.   e-Grievances Cell

    xi.   Land Acquisition for IT Park

    xii.   Land acquisition for Administrative Block

    xiii.   Setting up of GIS, Audit Cell, Unit offices at outlying regions

    xiv.   Setting up of Software Development Cell, Mission Mode Project

    xv.   Implementation Cells.

    xvi.   Strengthening of Directorate of Information Technology by creating of additional posts and purchase of vehicles.

    xvii.   Appointment of consultants for various IT related activities

    xviii.   Outsourcing of Application Software developments, web portals for various Govt. Departments.

    xix.   Purchase of IT related hardware and Software including network equipments.

    xx.   Setting up of Temporary Data Centre

    xxi.   Implementation of various e-Gov. activities through Puducherry e-Governance Society.

    xxii.   Purchase of Two wheelers, four wheelers.

    xxiii.   Creation of necessary functional posts for the implementation of this initiative.

4.   Remarks   :   Continuing scheme

Scheme No. 2

Sector : COMPUTERISATION

Implementing : INFORMATION
Department   TECHNOLOGY

1.   Name of the Scheme   :   Computer training to Government Officials

2.   Objective of the Scheme   :

The Objectives of the scheme is to make all the Government officials of ministerial cadre as computer literate by imparting training on Office Automation to satisfy their needs in official computer operations and to offer specialized training to Government officials as and when necessity arises. It is also proposed to adopt the best practices found in other states and roll out the same for the beneficiaries of student communities.

Jawahar Knowledge Centre (JKC) :-

Under this scheme it is proposed to impart training to students studying in the final year college level and help them for getting placements.

Rajiv Gandhi Knowledge Park (RGKP) :-

A training center for excellence will be established, by which reputed international companies are invited to provide hands-on training in their latest technological trends. It is proposed to provide adequate training hall and lab facilities with state-of-art infrastructures. The training facility, thus provided to the student, will be at a very nominal cost.

3.(a)   Actual physical Achievement 2006-07   :

  i.   120 officials in the Ministerial cadre trained on Office Automation course

  ii.   30 officials of Ministerial cadre were trained on Office Automation in Mahe & Yanam region.

(b)   Anticipated Physical Achievement 2007 - 08   :

  i.   150 Officials are to be trained in Office Automation

  ii.   Providing of training to IT officials.

(c)   **Programme envisaged for Annual Plan 2008-09 :**

    i. Setting up of Rajiv Gandhi Knowledge Park

    ii. Setting up of Jawahar Knowledge centre including Capacity building to impart industrial training for 100 Students per academic year Capacity building

    iii. Training to Government Officials & Students (School level including outlying regions)

    iv. Creation of necessary infrastructure for implementing the scheme.

    v. Appointment of consultants for various IT related activities.

    vi. Capacity building among the government officials will be provided.

    vii. Training to Govt. Officials and students of Govt. Schools and colleges from reputed training institutes.

    viii. Purchase of Computers, Laptops, Networking equipments and I.T. related accessories.

    ix. Providing training and Capacity building through Puducherry e-Governance Society

    x. Creation of necessary functional/ministerial posts for the implementation.

4.   Remarks   :   Continuing scheme

Scheme No. 3

Sector : COMPUTERISATION

Implementing : INFORMATION
Department   TECHNOLOGY

1.   Name of the Scheme   :   Strengthening of Directorate of Information Technology

2.   Objective of the Scheme   :

In order to strengthen the Directorate of Information Technology, it is proposed to construct a separate building for this Directorate which includes Administrative Block, State Data Centre, State Training Centre, Conference Hall and setting up of Digital Archive. Land acquisition is under process. Meanwhile, this Directorate is proposed to move into a rental building for a full fledged functioning. In order to give a fillip to I.T. activities of Directorate, it is propose to fill up one full time Director(IT) for full fledged Departmental functioning, including cadre controlling. Apart from this, in order to take up various e-Governance projects as per the norms of the National E-Governance Plan (NeGP) in a speedy and transparent way, this Directorate proposed to enhance the existing manpower structure at various levels of project management. The detailed structure of the proposal is enclosed.

State Data Centre: Government of Puducherry is embarking on a statewide automation of its operations and implementing e-Governance initiatives, all the departments would need to maintain servers for the respective applications. Managing these servers / infrastructure would require investing in substantial dedicated resources at each department / location. The Data Center would provide a centralized location for hosting and managing all the servers and result in substantial cost savings for GoP with improved infrastructure facility. With the falling costs of communication, centralized architecture becomes a reality. This would call for a facility that provides a platform for effective management of information assets being created by GoP, as a part of its e-governance initiatives.

3.(a) **Actual physical Achievement 2006-07** : --

  (b) **Anticipated Physical Achievement 2007 - 08** : --

  (c) **Programme envisaged for Annual Plan 2008-09** : Token Provision.

4. **Remarks** : Continuing scheme

Scheme No. 4

Sector : COMPUTERISATION   Implementing : INFORMATION
                                             Department   TECHNOLOGY

1. **Name of the Scheme** : Introduction of e-Governance G2G

2. **Objective of the Scheme** :

The main Objectives of this scheme are (i) to automate the entire government administration for transparency, accountability and simplification in Government procedures, (ii) to provide integrated software solution in the areas:

(a) Employee Payroll & Human resource management
(b) School Management System
(c) Accounts & Finance and Purchase & Inventory.

To provide network connections to all Departments, Corporations, PSUs, Quasi-Government bodies of Union Territory of Puducherry. Directorate of Information Technology proposed a comprehensive solution for Payroll & HRMS, Accounts and Finance Purchase & Inventory and Management of School Administration and for interaction with DAT

To provide technical support for software development and support the existing software in all the departments of this administration, either through outsourcing or internal development. To provide regional language support to the proposed software application.

PSWAN:

The State Wide Area Network will effectively and efficiently meet the requirements of State Government for voice, video and data communications, with the goal of achieving a single centralized communications infrastructure for the state. The State Wide Area Network will make it possible for the Government Departments to access State Government information and applications hosted from the Data Centre.

Objectives of PSWAN:

a) To provide connectivity extended upto block level.

b) To establish a state communications infrastructure, interlinking around 50 Government Departments in Puducherry and outlying regions, namely Karaikal, Mahe and Yanam. This will provide secure and easy access to the applications and data hosted at the State Data Centre in Puducherry.

3.(a) **Actual physical Achievement 2006-07** : --

(b) **Anticipated Physical Achievement 2007 - 08** : --

(c) **Programme envisaged for Annual Plan 2008-09** : Token Provision.

4. **Remarks** : Continuing scheme

Scheme No. 5

Sector : COMPUTERISATION

Implementing : INFORMATION
Department TECHNOLOGY

1. **Name of the Scheme** : e-Knowledge Centre

2. **Objective of the Scheme** :

The Objectives of the scheme is to make all the Government officials of ministerial cadre as computer literate by imparting training on Office Automation to satisfy their needs in official computer operations and to offer specialized training to Government officials as and when necessity arises. It is also proposed to adopt the best practices found in other states and roll out the same for the beneficiaries of student communities.

Jawahar Knowledge Centre (JKC) :-

Under this scheme it is proposed to impart training to students studying in the final year college level and help them for getting placements.

Rajiv Gandhi Knowledge Park (RGKP) :-

A training center for excellence will be established, by which reputed international companies are invited to provide hands-on training in their latest technological trends. It is proposed to provide adequate training hall and lab facilities with state-of-art infrastructures. The training facility, thus provided to the student, will be at a very nominal cost.

3.(a)   **Actual physical Achievement 2006-07**   **:**   **--**

  (b)   **Anticipated Physical Achievement 2007 - 08**   **:**   **--**

  (c)   **Programme envisaged for Annual Plan 2008-09** **:**   Token Provision.

4.   **Remarks**   :   Continuing scheme

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Scheme No. 6

Sector : COMPUTERISATION   Implementing : INFORMATION
                                                 Department   TECHNOLOGY

1.   **Name of the Scheme**   :   e-services to citizens

2.   **Objective of the Scheme**   :

a)   Common Services Center (CSC) :-

Government of India has proposed to establish more than 1,00,000 Common Service Center throughout India. Out of which, Union territory of Puducherry has proposed to establish 100 Common Service Centers. The CSCs are meant to provide high quality and cost effective video and data services in the areas of e-Governance, such as, Education, Health, Tele-medicine, Entertainment as well as other possible Government and private services. The CSCs are proposed to be rolled out by middle of 2007.

The Goal of the CSC project is to empower the rural community and catalyze social change through modern technologies. With a large and heterogeneous geographical area, the private sector, if sufficiently encouraged, can play an active role in development and

implementation of the CSC project in supplementing the Governments' efforts to realize its vision for the project.

b)   Public e-Grievances Cell:

It is proposed to setup a separate call center to attend e-grievances activities of the citizen, relating to government departments of UT of Puducherry, the cell will function at 24x7 mode.

3.(a)   Actual physical Achievement 2006-07   :   --

  (b)   Anticipated Physical Achievement 2007 - 08   :   --

  (c)   Programme envisaged for Annual Plan 2008-09 :   Token Provision.

4.   Remarks   :   Continuing scheme

Scheme No. 7

Sector : COMPUTERISATION

Implementing :   INFORMATION
Department   TECHNOLOGY

1.   Name of the Scheme   :   Setting up of Land Bank for ITES and provision for subsidies for PPP

2.   Objective of the Scheme   :

It is proposed to provide attractive subsidies to invite service providers/industries to set up their units in this Union Territory for developing ITES activities.

3.(a)   Actual physical Achievement 2006-07   :   --

  (b)   Anticipated Physical Achievement 2007 - 08   :   --

  (c)   Programme envisaged for Annual Plan 2008-09 :   Token Provision.

4.   Remarks   :   Continuing scheme

Scheme No. 8

Sector : COMPUTERISATION

Implementing : INFORMATION
Department   TECHNOLOGY

1.   **Name of the Scheme**   :   Panchayat window

2.   **Objective of the Scheme**   :

Based on the statement of conclusions signed between Union Minister for Panchayati Raj and Chief Minister of Puducherry, it has been committed to devolve the functions to PRIs through activity mapping, followed by matching transfer of funds in respect of devolved functions which will require creation of Panchayat sector window in each department. Panchayat window will be entrusted with all relevant schemes pertaining to the activities devolved to village and commune panchayats including activity mapping. Since the process of activitity mapping has not been completed, a token provision is provided in the Annual Plan 2008-09.

3.(a)   **Actual physical Achievement 2006-07**   :   --

    (b)   **Anticipated Physical Achievement 2007 - 08**   :   --

    (c)   **Programme envisaged for Annual Plan 2008-09**   :   Token provision

4.   **Remarks**   :   New scheme

Scheme No. 9

Sector : CHIEF SECRETARIAT

Implementing : INFORMATION
Department   TECHNOLOGY

1.   **Name of the Scheme**   :   Computerisation in Chief Secretariat.

2.   **Objective of the Scheme**   :

The main objective of the scheme is on the preparation of budget documentation of Government of Puducherry for the Demands for grants.

3.(a)   **Actual physical Achievement 2006-07**   :

       i.   Purchase of computers and its accessories
       ii.   Annual Maintenance of computer systems

(b) **Anticipated Physical Achievement 2007 - 08** **:**

      i.   Purchase of computers and its accessories
     ii.   Annual Maintenance of computer systems
    iii.   Creation of functional and technical posts.

(c) **Programme envisaged for Annual Plan 2008-09 :**

      i.   Purchase of computers and its accessories
     ii.   Annual Maintenance of computer systems
    iii.   Creation of functional and technical posts.

4.   **Remarks**   :   Continuing Scheme