

GOVERNMENT OF MIZORAM
DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY

DRAFT ANNUAL PLAN 2012-2013

1. Introduction:

The Department of Information and Communication Technology (ICT) has been established in the year 2008 for framing policy, planning, implementation and monitoring of Information & Communication Technologies and e-Governance projects. The Department has a vision to use Information & Communication technology to make available information and government services related to basic needs of common persons accessible to them near their locality throughout their lives through minimum procedural formalities thereby pursuing economic development.

2. Objectives:

The objectives of department of ICT are as follows:

- (i) To implement ICT applications and e-Governance for efficient and effective delivery of government services, improved government revenue collection, improving financial management, and better dissemination of information on government functions, through e-governance centre of excellence, information kiosk and hosting of websites.
- (ii) To promote Information and Communication Technology (ICT) and its applications at different layers up to the Block level of the Government Administration. Promotion and implementation of ICT and e-Governance would take into account the existing ICT infrastructure and e-Governance services and also envisages covering any other similar IT initiatives being taken up in the state of Mizoram.
- (iii) To streamline isolated post of Computer Operators in different Departments, Computer Technology Services may be created under a common cadre to provide Future Avenue for promotion.
- (iv) To ensure the availability of funds for implementation of e-Governance and its applications and to approach central government like NEC, DONER, MCIT, etc. to acquire the funds to expedite the process and implementation e-governance plan.
- (v) To avoid spending of huge amount of money in every Department for computerization works, the Department of ICT will streamline the implementation of Computerization and e-Governance programme under centrally control by the Planning & Programme Implementation Department which will further reduce the expenses of the Government of Mizoram.
- (vi) To horizontal transfer and customize e-Governance software packages and back-end database applications already developed for other states by NIC for use in the Government of Mizoram.
- (vii) To promote all matters concerning Computer based information, communication, technology and processing including hardware and software.
- (viii) To promote ICT Software, ICT Products, and ICT Services in the State of Mizoram.

3. Scheme-wise Programme:

The Scheme-wise programme of the Department of ICT for the development of Information and Communication Technologies in Mizoram are classified into the following categories:

- 3.1 Information & Communication Technology
- 3.2 National e-Governance Plan (NeGP) – ACA
- 3.3 IT Manpower Development
- 3.4 IT Promotional Development
- 3.5 IT Infrastructure Development
- 3.6 Electronics Development (ZENICS)
- 3.7 Research & Development
- 3.8 Promotional & Development of Society (MSeGS)

3.1 3275/800/01 : Information & Communication Technology:

The Department of ICT has been established as a separate Directorate from October 2008. Under this department, there are 26 nos of posts under state plan fund. Out of these posts, 23 nos are now filled and the remaining 3 nos are to be filled during the current financial year 2012-13. Besides this, as admissible of Government, 15 nos were engaged on M.R basis without creating post under this Department during the last financial year 2011-12, this department were conducted IT awareness training programme for Government employees and occupied a rented house @ Rs.16,500/-pm and @ Rs.10,000/- pm respectively. The Traveling expenses are to be increased during this year as incumbents is much increases in comparison with during the last financial year. Medical expenses are also increases during this year. Due to creation of new Department during the recent past, requirement for expenditure of stationeries etc are to be increased and allocation for Office Expenses is increases.

The following statement indicates both physical and financial targets for Annual Plan 2012-13:

(Rupees in Lakh)			
Sl.No	Item of Expenditures	Annual Plan 2012-13	
		Physical	Financial
1	Salary of Technical & Clerical Staff (Existing)	29	80.00
2	Wages	15	12.00
3	Accommodation (Rental)	2	3.18
4	Travel Expenses	27	4.00
5	Medical Treatment	27	10.00
6	Office Expenses	-	16.00
7	Advertising & Publicity	-	5.82
8	Other Charges	-	19.00
	Total	46	150.00

3.2 3275/800/02 : National e-Governance Plan (NeGP) - ACA

Under National e-Governance Plan (NeGP), the state Government has taken up various mission mode projects and e-Governance projects such as Capacity Building, Common Service Centre (CSC), State Wide Area Network (SWAN), State Data Centre (SDC) and State Service Delivery Gateway (SSDG) & State Portal (SP) and the fund is released by Govt. of India, Department of Information Technology as ACA. The scheme-wise under NeGP are briefly highlighted below:

(1) **Capacity Building (CB):** The approved project cost for Capacity Building Programme is Rs. 428.60 lakhs; out of which DIT, GoI will provide Rs 208.20 lakhs as Grant-in-Aid and the Planning Commission will provide Rs 220.40 lakhs as ACA. The Planning Commission has released Rs. 182.05 lakhs till last financial year. Under this scheme, the department has prepared capacity building roadmap, e-Governance roadmap, DPR for various departments and conduct various e-Governance training programme for policy maker, decision maker and Government's employees.

(2) **Common Service Centre (CSC):** The approved project cost for CSC project is Rs. 4.94 Cr.; out of which DIT, GoI will provide Rs 2.47 Crore as Grant-in-Aid and the Planning Commission will provide Rs 2.47 Crore as ACA. The Planning Commission has released Rs. 27.00 lakhs till last financial year. The department is setting up 136 CSCs across the state and it will be front-end service delivery points for Government-to-Citizen, Business-to-Citizen and Business-to-Business.

(3) **State Wide Area Network (SWAN):** The approved project cost is Rs. 20.59 Crore; Out of which Grant-in-Aid from DIT, GoI is Rs 14.63 Crore and ACA is Rs 5.96 Crore. The Planning Commission has released Rs. 390.10 lakhs till last financial year. The MSWAN is a network to cover all the district headquarters and block headquarters with the state capital. The network can carry data, video and voice communications throughout the State, for all Government Operations. There will be 42 PoPs (Point of Presences) within the State.

(4) **State Data Centre (SDC):** The approved project cost is Rs. 30.88 Crore; Out of which Grant-in-Aid from DIT, GoI is Rs 11.75 Crore and ACA is Rs 19.13 Crore. The Planning Commission is expected to release fund during this financial year. The SDC is envision as Shared, reliable and secure infrastructure services centre for hosting and managing the e-Governance Applications of the State and its constituent departments.

(5) **State Service Delivery Gateway (SSDG)/State Portal (SP):** The approved project cost is Rs. 883.62 lakhs; Out of which Grant-in-Aid from DIT, GoI is Rs 441.81 lakhs and ACA is Rs. 441.81 lakhs. The Planning Commission is expected to release fund during this financial year. The SSDG will act as front-end interface to state level e-Governance initiatives and services whereas the State Portal shall host all the forms for various Government Services accessible to citizens in the state

The following statement indicates the physical and financial targets for the Annual Plan 2012-13.

Sl.No	Item of Expenditures	(Rupees in Lakh)	
		Annual Plan 2012-13	
		Physical	Financial
1.	National e-Governance Plan (NeGP) - ACA	5	159.00
	Total	5	159.00

3.3 3275/800/04 : IT Manpower Development:

IT Manpower Development is an essential part of the development of IT entrepreneurs for their sustainability in the local market. Under this scheme, the Department has taken up various IT training programme for educated unemployed youths, women and rural youths, Govt's employees, etc. There are 850 nos of trained students; out of which 400 nos are educated unemployed youths, 200 nos are Women & Rural youths, and the remaining 250 nos are Govt's employees. Due to the effort given by the Department, 100 students got jobs in Govt and private sector. This training programme was conducted in rented private house for which the department expense Rs. 4.00 lakhs every year.

During the last financial year 2011-12, the Department was allocated only Rs. 0.90 lakh out of the proposed estimate of Rs. 43.00 lakhs due to which the Department could not achieve the target. Therefore, the department conducted only orientation training programme for 240 Government's employees under the constraint budget in which the proposed development of e-Learning System and e-Examination System could not achieved.

During this financial year, the department proposed to establish permanent training centre in old secretariat building annexe-I for which the department already obtained the approval of SAD for vertical extension of the building vide letter no D.11031/1/2008-SAE/Pt Dated 29.3.2010. The department also proposed to conduct special training programme for 200 nos of educated unemployed youths for sustainable self-employment and 100 nos of

computer operator employed in the Government's Departments to enable them to monitor and maintain their computer system, networking and website.

The following statement indicates the physical and financial targets for the Annual Plan 2012-2013.

(Rupees in lakhs)

Sl.No	Item of Expenditures	Annual Plan 2012-2013	
		Physical	Financial
1.	Vertical extension of old secretariat building annexe-I for permanent training centre	1	20.00
2.	Course Materials for IT Training Programme	4200	5.00
3.	Honorarium for Faculties	5	5.00
4.	Stationeries items for training programme	300	5.00
	Total	4506	35.00

3.4 3275/800/05 : IT Promotional Development

IT awareness campaign is one of the effective mechanisms for IT promotion in the state of Mizoram. The common man in the state is largely unaware of the benefits and potential of IT in his or her day-to-day life. A massive awareness campaign is therefore required to be launched, to educate people about what IT can mean for improving their quality of life. Information regarding government rules, regulations, programmes and services is an essential aspect of empowering the people. Launching of IT journeys and other forms of awareness campaign across the state in collaboration with NGOs, educational institutions, corporate sector and others are available options to this end. Workshop and Seminar are also one of the important factors for governing IT Promotion in the State. Workshop-cum-seminar will also be organized in all the districts to promote IT and e-Governance in the state of Mizoram.

During this financial year, the department proposed to launch seminar/workshop with special focus to Cyber Crime, IT Security, E-Governance, and IT Education in all the District and Block headquarters. The department also proposed to conduct IT Products Exhibition for promoting IT Entrepreneurs and ITES/BPO Job fair for the benefit of educated unemployed youths in Aizawl.

The following statement indicates the physical and financial targets for the Annual Plan 2012-13.

(Rupees in Lakh)

Sl.No	Item of Expenditures	Annual Plan 2012-13	
		Physical	Financial
1.	IT Seminar/ Workshop	34	5.00
2.	IT Products Exhibition	1	5.00
3.	ITES/BPO Job Fair	1	5.00
	Total	36	15.00

3.5 3.6 3275/800/07 : IT Infrastructure Development:

IT infrastructure is one of the most important aspects for the development of IT and e-Governance in the state of Mizoram. E-Governance infrastructure like SWAN, SDC, CSC, E-District, SSDG, etc. is being established under the National e-Governance Plan (NeGP) with the financial assistance of the central Government. There are many other IT infrastructure required for the growth of IT in Mizoram which is out of the scope of NeGP such as horizontal connectivity of SWAN, STPI, IT Education, ITES/BPO, Repair & Maintenance of Computer Systems, etc.

In the year 2002, Children Computer Training Centre was established in every district headquarters under 11th Finance Commission in which 50 nos of PCs each along with accessories were installed. Most of the equipments were lying unused due to lack of maintenance by the respective DCs. During 2004-05, the department procured 360 nos of PC/UPS, printers, etc. for use in the Secretariat Offices and the department also procured 100 nos of PCs with 6 nos of UPS (10 KVA) during 2006-07 under the financial assistance of NEC. These equipments were outdated and required to upgrade.

During this financial year, the department proposed to renovate all the District Computer Training Centre and upgrade all the machines for the benefit of the rural youths and Govt's employees.

The following statement indicates the physical and financial targets for the Annual Plan 2012-2013.

		(Rupees in lakhs)	
Sl.No	Item of Expenditures	Annual Plan 2012-2013	
		Physical	Financial
1.	Renovation of District Computer Training Centres	1	15.00
2.	Upgradation of Computer Systems	25	13.00
	Total	26	28.00

3.6 3275/800/09 Electronics Development:

1. Introduction

Zoram Electronics Development Corporation Limited, in short "ZENICS", a Government of Mizoram Undertaking Corporation was incorporated in 1991 to foster the growth of electronics & IT industry in Mizoram. In order to bring about the development of electronics & IT industry in the state, several projects has drawn-up like Test and Repairing Centre (TRC) for PC and Consumer Electronics, Cable TV Networks, Components Bank, Assembly of Colour TV as Pilot project, and Computer Training Centre. Recently, the Corporation has also taken up e-Governance projects under National e-Governance Plan such as Mizoram State Wide Area Network (MSWAN) and Common Service Centre (CSC).

This Corporation is 100% owned by the Government of Mizoram and has a share capital contribution of Rs. 1000 lakhs; out of which the total paid up capital is Rs. 972.40 lakhs and leaving the remaining balance of Rs. 27.60 lakhs.

2. Mission Statement

ZENICS, as "Chief IT Consultant to the State of Mizoram", is to help the State Government to provide complete IT & e-Governance solution, Capacity Building & empowerment of Government's employees and help the entrepreneurs to setup IT and ITES-BPO Industries in the State of Mizoram

3. Charter and Objectives

ZENICS is to act as a catalyst for planned growth of electronics & IT in the state in accordance with broad IT policy framework of the Government of Mizoram. The corporation acts as an extended arm of the state Government of Mizoram for framing & implementing IT policies and strategies for facilitation accelerated growth of the electronics & IT industry in the state.

The principal objectives of the corporation are stated as below:

- 3.1 To promote and develop IT industry, IT products, IT software, and IT services within the state of Mizoram.
- 3.2 To work closely with the State Government and act as an interface between Industry and Government.
- 3.3 To assist state Government in formulating IT policies and liaison for promoting the IT industries to achieve the exponential growth of local production.
- 3.4 To encourage the use of Information Technology in Schools, colleges, and educational institutions, so as to enable students to improve their skills, knowledge and job prospects and enable them to obtain employment in this sunrise industry.
- 3.5 To undertake and assist research and development in the core techniques of IT and applications for improvement of productivity and efficiency in Government and Industry.
- 3.6 To support the state Government for implementation of various State MMPs (Mission Mode Projects) under NeGP (National e-Governance Plan) and building the capacity of the Government's employees.
- 3.7 To undertake design and consultancy services and create industry-required short-term courses for effective linkage with industry and users.
- 3.8 To establish a training centre for enhancing Human Resource Development in the field of IT & e-Governance.
- 3.9 To establish Test and Repairing Centre for providing after sales service to consumer electronics & IT products.
- 3.10 To organize seminars, lectures, exhibition, symposium, etc. with the object of the furtherance of knowledge in the field of Information & Communication Technologies.
- 3.11 To carry on the business of manufacturers, buyers, sellers, importers and exporters and hirers of all electronics & IT products including service and repair all varieties of electronics & IT products.

The following statement indicates the physical and financial targets for the Annual Plan 2012-13.

		(Rupees in lakhs)	
Sl.No	Item of Expenditures	Annual Plan 2011-2012	
		Physical	Financial
1.	Electronics Development (ZENICS)	40	115.00
	Total	40	115.00

3.7 3275/800/10 : Research & Development

Information products and services have become increasingly a major component of our lives thus necessitating the need to enhance competencies in every sphere of Information Technology. In the brave new world a widespread access to information, communications and resources is the only solution to remove the insurmountable barriers to education, democratization process and overall economic growth. The primary objectives of the Research and Development programmes supported by the Department of Information & Communication Technology is thus to facilitate proliferation and absorption of emerging technologies in the IT sector, facilitate capacity building, creating the right infrastructure and making the existing technologies, affordable to the citizens of the State. This is the only way to take lead in the global knowledge economy. The Department supports Research and Development and coordinates the technical activities of the respective Scientific Societies of the Department.

During this financial year, the Department proposed to implement Mobile Governance. In the current situation, e-governance facilities lack last-mile connectivity accessible to common man. This issue can be addressed using mobile governance since the level of penetration of mobile phone is relatively high. Mobile governance enables the citizen to access government services whenever and wherever they are as long as mobile network coverage is available. It is useful in emergency situations for sending time-sensitive information to citizen and will encourage and result in more participation from the citizen. Moreover the level of technical-proficiency required to operate mobile phone in order to access Government services is minimal compared to using computers. Lack of IT education which is inevitable to use e-Governance facilities is no longer a barrier to avail the services offered by m-governance. It will make the functioning of government more effective and demonstrate positive impact on people's lives. m-government is also about transforming the relationship between citizens and governments. Effective m-government is the proactive participation of citizens in decision-making, policy formulation and towards the end, nation-building.

The following statement indicates the physical and financial targets for the Annual Plan 2012-13.

(Rupees in Lakh)			
Sl.No	Item of Expenditures	Annual Plan 2012-13	
		Physical	Financial
1	Development and implementation m- Governance	1	20.00
	Total	1	20.00

3275/800/11: Promotional and Development of Society (MSeGS)

The Mizoram State e-Governance Society (MSEGS) was established on 11.10.2005 and is registered under the Society Registration Act, XII of 1860. The primary objective of the Society is to administer the implementation of e-Governance projects for the overall benefit of the citizens and public by setting up the necessary administrative, financial, legal and technical framework, implementation mechanism and resources in the State of Mizoram.

It facilitated establishment and setting up of major e-Governance projects like the State Data Center (SDC), State Wide Area Network (SWAN) and Common Service Centre (CSC) and various other e-Government projects in the state.

Achievement:

1. Land Records Computerization: The pilot project was done at Serchhip District with the objective of providing responsive, transparent and effective revenue administration in the district. The project was completed successfully with an estimated cost of 65.00 lakhs and recommended for roll-out in other districts.
2. Computerization of Property Registration: The computerization of Property Registration was done at Aizawl as a pilot project. Registers documents that endorse various types of transactions citizens undertake: sale, purchase, mortgages, leases of property, wills, divorce, adoption, power of attorney, property, issue of encumbrance certificates etc. are computerized to remove land disputes, better system of land evaluation, transparency in land transactions, better monitoring of revenue collection. The project was completed successfully with an estimated cost of 65.00 lakhs and recommended for roll-out in other districts.
3. Empowerment of Women and rural Youths: This project aims to enable women and rural youths of Mizoram to become economically viable, independent and raise their socio-economic status through the use of IT. Through this programme candidates

were given training on short term, long term courses with assignment and project work on various IT related aspects. This project was completed successfully at a cost of 78.97 lakhs and over 1400 candidates were trained.

4. K-YAN: This projects aims to enhance the educational technology capacity of 50 identified Co-educational Middle Schools of Mizoram as a pilot intervene, with special emphasis on educational of Girl child, by way of deploying an integrated teaching-learning device named KYAN- the community computer. The main objective of the project is to eradicate gender disparity, faster learning opportunities, enhance retention and minimize drop-outs through technology-enabled education. The total project cost is 75.00 lakhs and completed successfully.

Experience: MSeGS has been involved and implemented a lot of projects in the state of Mizoram. At present there are 6 projects which are taken up by the society in collaboration with the Government of Mizoram.

1. State Wide Area Network: Nature of the project is to implement State Wide Area Network (SWAN) across four-tiers model of administrative setup viz State level, District level, Sub-Division level, and Block level in the Departments identified for the purpose by establishing MSWAN.
2. State Data Center: The Department of ICT (DICT) also proposed to establish Mizoram State Data Center (SDC) under NeGP for storing all kinds of information relating to Government. The preparation of DPR, RFP and implementation was entrusted to MSeGS by Government of Mizoram
3. Common Service Center (CSC): The CSC is a strategic cornerstone of the National e-Governance Plan (NeGP), approved by the Government in May 2006, as part of its commitment in the National Common Minimum Programme to introduce e-governance on a massive scale. The Department of ICT (DICT) proposed to establish 136 Common Service Center (CSC) and entrust MSeGS as implementation agency.
4. Capacity Building: Capacity building is for building an internal capacity of the government. MSeGS has many professional who can give training to the Government employee in the field of IT and e-Governance, therefore Capacity Building project is given to MSeGS for building the capacity of the Government employee of Mizoram.

The following statement indicates the physical and financial targets for the Annual Plan 2012-13.

Sl.No	Item of Expenditures	(Rupees in Lakh)	
		Annual Plan 2012-13	
		Physical	Financial
1	Establishment & Administration	2	5.00
2	Maintenance of Vehicle	1	5.00
	Total	3	10.00