MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY
DEMAND NO. 15

Department of Information Technology

A. The Budget allocations, net of recoveries, are given below:

(In crores of Rupees)

	Major Head	Budget 2008 -2009			Revised 2008 -2009			Budget 2009 -2010		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
Revenue		1580.50	36.00	1616.50	1350.50	45.00	1395.50	2432.00	52.00	2484.00
Capital		*99.50*	*...*	*99.50*	*99.50*	*...*	*99.50*	*98.00*	*...*	*98.00*
Total		**1680.00**	**36.00**	**1716.00**	**1450.00**	**45.00**	**1495.00**	**2530.00**	**52.00**	**2582.00**
1. Secretariat-Economic Services	3451	13.34	19.00	32.34	13.34	25.45	38.79	30.40	31.30	61.70
Telecommunications and Electronics Industries										
2. National Informatics Centre	3451	277.00	...	277.00	277.00	...	277.00	419.00	...	419.00
	5475	83.00	...	83.00	83.00	...	83.00	70.00	...	70.00
	Total	*360.00*	*...*	*360.00*	*360.00*	*...*	*360.00*	*489.00*	*...*	*489.00*
3. Technology Development Council Projects	2852	29.00	...	29.00	29.00	...	29.00	29.00	...	29.00
4. Education Research Network (ERNET)	2852	0.09	...	0.09	0.09	...	0.09	0.01	...	0.01
5. Component & Material Development Programme	2852	10.00	0.60	10.60	12.50	0.60	13.10	13.00	0.60	13.60
6. Micro - Electronics and Nano-Technology Development Programme - NMC	2852	35.00	...	35.00	35.00	...	35.00	35.00	...	35.00
7. Centre for Development of Advanced Computing (C-DAC)	2852	82.00	3.00	85.00	106.00	3.00	109.00	116.00	3.00	119.00
8. Society for Applied Microwave Electronics Engineering and Research (SAMEER)	2852	24.00	3.00	27.00	27.50	3.00	30.50	30.00	3.00	33.00
9. Standardisation Testing and Quality Certification (STQC)	2852	28.50	4.30	32.80	28.50	7.03	35.53	56.00	8.00	64.00
	4859	8.50	...	8.50	8.50	...	8.50	8.00	...	8.00
	Total	*37.00*	*4.30*	*41.30*	*37.00*	*7.03*	*44.03*	*64.00*	*8.00*	*72.00*
10. Facilitation of Setting-up of Integrated townships	2852	0.11	...	0.11	0.11	...	0.11	0.11	...	0.11
11. Manpower Development	2852	35.00	...	35.00	35.00	...	35.00	35.00	...	35.00
12. Convergence, Communication & Strategic Electronics	2852	20.00	...	20.00	20.00	...	20.00	20.00	...	20.00
13. Electronics in Health & Telemedicine	2852	12.33	...	12.33	12.33	...	12.33	12.33	...	12.33
14. Other programmes										
14.01 Exhibition in Electronics	2250	...	0.80	0.80	...	0.77	0.77	...	0.80	0.80
14.02 Foreign Trade	3453	...	3.10	3.10	...	2.95	2.95	...	3.10	3.10
14.03 Other Schemes	2852	...	0.50	0.50	...	0.50	0.50	...	0.50	0.50
	Total	*...*	*4.40*	*4.40*	*...*	*4.22*	*4.22*	*...*	*4.40*	*4.40*
15. Lumpsum provision for projects/ schemes for the benefit of North Eastern Region and Sikkim	2552	162.00	...	162.00	139.00	...	139.00	233.00	...	233.00
	4552	6.00	...	6.00	6.00	...	6.00	20.00	...	20.00
	Total	*168.00*	*...*	*168.00*	*145.00*	*...*	*145.00*	*253.00*	*...*	*253.00*
16. Electronics Governance										
16.01 Programme Component	2852	719.00	...	719.00	519.00	...	519.00	710.00	...	710.00
16.02 EAP Component	2852	...	...	...	...	...	...	100.00	...	100.00
	Total	*719.00*	*...*	*719.00*	*519.00*	*...*	*519.00*	*810.00*	*...*	*810.00*
17. Technology Development for Indian Languages	2852	7.89	...	7.89	7.89	...	7.89	7.89	...	7.89
18. Cyber Security (incl. CERT-In, IT Act)	2852	27.00	...	27.00	27.00	...	27.00	29.00	...	29.00
	4859	2.00	...	2.00	2.00	...	2.00	...	...	...
	Total	*29.00*	*...*	*29.00*	*29.00*	*...*	*29.00*	*29.00*	*...*	*29.00*
19. Software Technology Parks of India and EHTP	2852	...	...	...	...	...	...	2.51	...	2.51
20. IT for Masses (Gender, SC/ST)	2852	6.00	...	6.00	6.00	...	6.00	6.00	...	6.00

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(In crores of Rupees)

	Major Head	Budget 2008 -2009			Revised 2008 -2009			Budget 2009 -2010		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
21. Department of Electronics Accredited Certification Course(DOEACC)	2852	0.44	1.70	2.14	0.44	1.70	2.14	1.44	1.70	3.14
22. Digital DNA Park	2852	...	...	...	...	...	...	0.01	...	0.01
23. Promotion of Electronics/IT Hardware Manufacturing (Mega Fab)	2852	0.80	...	0.80	0.80	...	0.80	2.30	...	2.30
24. National Knowledge Network	2852	91.00	...	91.00	54.00	...	54.00	540.00	...	540.00
25. Media Lab Asia	2852	...	...	...	...	...	...	4.00	...	4.00
Grand Total		*1680.00*	*36.00*	*1716.00*	*1450.00*	*45.00*	*1495.00*	*2530.00*	*52.00*	*2582.00*

Programme Component and EAP Component have been depicted separately w.e.f. Budget 2009-2010 for better capture of data.

	Head of Dev.	Budget support	I.E.B.R	Total	Budget support	I.E.B.R	Total	Budget support	I.E.B.R	Total
B. Investments in Public Enterprises										
Other Institutions/Bodies										
DOEACC/SAMEER/C-DAC.etc	12859	...	272.14	272.14	...	272.14	272.14	...	272.14	272.14
Total		**...**	**272.14**	**272.14**	**...**	**272.14**	**272.14**	**...**	**272.14**	**272.14**
C. Plan Outlay:-										
1. Telecommunications and Electronics Industries	12859	1221.66	272.14	1493.80	1014.66	272.14	1286.80	1827.60	272.14	2099.74
2. Secretariat-Economic Services	13451	290.34	...	290.34	290.34	...	290.34	449.40	...	449.40
3. North Eastern Areas	22552	168.00	...	168.00	145.00	...	145.00	253.00	...	253.00
Total		**1680.00**	**272.14**	**1952.14**	**1450.00**	**272.14**	**1722.14**	**2530.00**	**272.14**	**2802.14**

1. **Secretariat-Economic Services:** It provides for secretariat expenditure of the Department of Information Technology.

2. **National Informatics Centre (NIC):** National Informatics Centre (NIC) is the nodal S&T organization providing network backbone and e-Governance support to the Central Government departments, States, UTs and District Administrations in the country. It is a Network Infrastructure Facility Provider, Network Service Provider, Application Service Provider and Content ASP.

3. **Technology Development Council Programme (TDC):** The Programme aims to facilitate proliferation and absorption of emerging technologies in the country by supporting Research and Development in IT; to promote the use of free and open source software; develop and apply state-of-the-art cost effective indigenous solutions for important industrial sectors; technology developments in bio-informatics and IPR promotion.

4. **Educational & Research Network (ERNET) India:** It is a registered scientific society of the Department to provide services based on IPv6 with the five focus areas: National Academic and Research Network; Research & Development in the areas of Data Communication and its Application; Human Resource Development in the areas of High-end Networking; Educational Content; and Campus-wide High Speed Local Area Network.

5. **Components & Material Development Programme:** Its objective is to develop a strong R&D/technology base for electronics materials and to meet future needs of the electronics industry and to support goal oriented R&D projects for critical and priority electronics materials at appropriate R&D institutions and industry.

6. **Micro-electronics and Nano-Technology Development Programme:** The objective of the programme is to build a strong base in the country covering manpower, R&D and technology at academic institutions, R&D laboratories and industry and also promote and proliferate the usage of Application Specific Integrated Circuits (ASICs) for the indigenous electronics Industry.

7. **Centre for Development of Advanced Computing (C-DAC):** It is a registered scientific society of the Department in the field of computing & communication and applications arising out of it. C-DAC has progressively grown to build an eco-system and Institutional framework for innovation, technology development, skills, delivery plans, collaboration, partnership and market orientation in a number of niche areas of national importance and market relevance in ICT and Electronics.

8. **Society for Applied Microwave Electronics Engineering and Research (SAMEER):** It is a registered scientific society of the Department working in high technology areas of microwaves, milli-meterwaves and electro-magnetics with the specific goal of developing applications for these technologies with its three centres at Mumbai, Chennai and Kolkata.

9. **Standardisation Testing and Quality Certification (STQC) Programme:** STQC Directorate, an attached office of the DIT, has established itself as a premier Quality Assurance Institution in Electronics & IT in the country and has many national and international recognitions, which have found acceptance of its services at international level also. It provides testing and calibration services to the industries for improvement of quality and reliability of electronics components and products.

10. **Facilitation of Setting-up of Integrated Townships:** The development of such integrated modern townships is complex process involving a number of activities such as utility mapping and infrastructure layouts. These cities are characterized by state-of-art urban infrastructure and contributing to the overall economic development of the State.

11. **Manpower Development Programme:** The objective of the programme is to create and strengthen the specialised manpower required to support the growing software export industry and to achieve the targeted export. To achieve the targets

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major programmes being implemented are i) Information Security Education and Awareness Programme ii) Skill Enhancement for Employment in the ITES/BPO Space at DOEACC Centre, Srinagar/Jammu iii) Special Manpower Development Programme in VLSI Design and Related Software.

12. **Convergence, Communication & Strategic Electronic Programme:** Its objective is to support R&D in convergence Communications, Broadband Technologies and Strategic Electronics. The indigenous efforts are aimed at facilitating developments in emerging, next generation wired / wireless broadband network and broadcast and strategic technologies leading to their cost effective deployment bringing not only economic benefits but also contribute to inclusion, provide safety, security and improve life.

13. **Electronics in Health & Telemedicine Programme:** The Department has been actively engaged in promoting technology development efforts in the area of medical electronic devices and rehabilitation devices for their commercial production in the country. Telemedicine primarily refers to the use of telecommunications for diagnosis and treatment of diseases and is an emergent mode of healthcare delivery at a distance especially to the under-served rural.

15. **Lumpsum Provision for North Eastern Region and Sikkim:** As per Government instructions, 10% of the Central Plan Allocation is to be earmarked for projection of the schemes and the benefit of the North Eastern Region and Sikkim.

16. **Electronics Governance Programme:** The objective of e-Governance in broader terms is to make all Govt. services accessible to the common man in his locality. National e-Governance plan, (NeGP) covers 27 Mission Mode Projects (MMPs) and 8 Support Components to be implemented at the Central, State and Local Government levels. The emphasis has been to ensure Integrated & enhanced access to government services; Clearly defined service levels; Services at the doorstep with substantial rural outreach; Increased efficiency; Enhanced transparency; Improved reliability; Affordable cost. The Plan seeks to lay the foundation and provide impetus for the long-term growth of e-Governance within the country. It also seeks to create the right governance and institutional mechanisms, as well as set up the core infrastructure and policies, which would facilitate implementation of various programmes and projects of the government. The main features are : Centralized concept - Decentralized implementation; 27 Mission Mode Projects spread across centre, State and Local Government level; One lakh Common Service Centres for 6 lakh villages; Optic fibre connectivity up to block level and Effective public - private partnership for long-term sustainability.

17. **Technology Development for Indian Languages Programme (TDIL):** The Programme aims at development of Information Technology tools and content in Indian Languages to enable India to use computers and other IT Systems in their own languages.

18. **Cyber Security (including CERT-In, IT Act):** Cyber Security is slowly gaining wider adoption in many consumer products for a variety of reasons, due to appreciation of consequences of insecurity the need for developing secure products, performance and cost penalties, improved user convenience, need for implementing and consistently maintaining security practices, and importance of assessing the value of security improvements. Indian Computer Emergency Response Team (CERT-In) has been established to respond to the cyber security incidents and take steps to prevent recurrence of the same. Certifying Authorities are licensed by CCA to issue digital signature certificates under the IT Act.

20. **IT for Masses (Gender, SC/ST) :** The IT and electronics sector is one of the largest employers of women and therefore, can go a long way in women empowerment and reducing the gender bias. The Department allocates its resources on various projects / programmes for infrastructure development or sponsored projects for specific technology or manpower development of Weaker Section (SC/ST).

21. **DOEACC:** It is a registered scientific society of the Department, which accredits institutes/organisations for conducting courses particularly in the non-formal sector of IT Education and Training. It is also engaged in the development of Industry oriented quality education and training in the state-of-the-art areas, establish standards to be the country's premier institution for Examination and Certification in the field of ICT.

23. **Promotion of Electronics / IT Hardware Manufacturing:** The government has identified growth of electronics and IT hardware manufacturing sector as a thrust area for which a National Manufacturing Competitiveness Council has been set up.

24. **National Knowledge Network:** The scheme has been initiated for establishing the National Knowledge Network with multiple gigabit bandwidth to connect Knowledge Institutions across the country.

25. **Media Lab Asia**: Media Lab Asia is a not-for-profit organisation under Section 25 of Companies Act, 1956 with a vision of leveraging information and communication technology and other advanced technologies for the benefit of the people.

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