

MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY**DEMAND NO. 15****Department of Electronics and Information Technology**

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

Major Head	<i>(In crores of Rupees)</i>												
	Actual 2011-2012			Budget 2012-2013			Revised 2012-2013			Budget 2013-2014			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	1881.51	43.49	1925.00	2826.53	51.00	2877.53	1847.50	47.95	1895.45	2820.50	52.00	2872.50	
Capital	139.43	...	139.43	173.47	...	173.47	152.50	...	152.50	179.50	...	179.50	
Total	2020.94	43.49	2064.43	3000.00	51.00	3051.00	2000.00	47.95	2047.95	3000.00	52.00	3052.00	
1. Secretariat-Economic Services	3451	31.88	25.85	57.73	43.67	31.30	74.97	43.67	30.13	73.80	45.00	32.30	77.30
Telecommunications and Electronics Industries													
2. National Informatics Centre	2852	82.62	...	82.62	90.48	...	90.48	90.48	...	90.48	92.61	...	92.61
	3451	513.58	...	513.58	469.52	...	469.52	469.52	...	469.52	528.39	...	528.39
	5475	134.38	...	134.38	119.00	...	119.00	119.00	...	119.00	126.00	...	126.00
<i>Total</i>	<i>730.58</i>	<i>...</i>	<i>730.58</i>	<i>679.00</i>	<i>...</i>	<i>679.00</i>	<i>679.00</i>	<i>...</i>	<i>679.00</i>	<i>747.00</i>	<i>...</i>	<i>747.00</i>	
3. Technology Development Council Projects (Incl. ITRA)	2852	52.32	...	52.32	72.00	...	72.00	44.00	...	44.00	81.00	...	81.00
4. Education Research Network (ERNET)	2852	...	...	...	0.01	...	0.01	...	...	...	0.01	...	0.01
5. Components & Material Development Programme	2852	22.87	0.60	23.47	24.00	0.60	24.60	24.00	0.20	24.20	29.00	0.60	29.60
6. Micro - Electronics and Nano-Technology Development Programme - NMC	2852	92.27	...	92.27	95.00	...	95.00	60.00	...	60.00	100.00	...	100.00
7. Centre for Development of Advanced Computing (C-DAC)	2852	159.19	3.00	162.19	182.40	3.00	185.40	110.53	3.00	113.53	184.00	3.00	187.00
8. Society for Applied Microwave Electronics Engineering and Research (SAMEER)	2852	40.94	3.00	43.94	40.94	3.00	43.94	40.94	3.00	43.94	48.00	3.00	51.00
9. Standardisation Testing and Quality Certification (STQC)	2852	57.75	5.72	63.47	76.03	7.00	83.03	63.00	7.00	70.00	81.00	7.00	88.00
	4859	1.97	...	1.97	29.97	...	29.97	13.00	...	13.00	29.00	...	29.00
<i>Total</i>	<i>59.72</i>	<i>5.72</i>	<i>65.44</i>	<i>106.00</i>	<i>7.00</i>	<i>113.00</i>	<i>76.00</i>	<i>7.00</i>	<i>83.00</i>	<i>110.00</i>	<i>7.00</i>	<i>117.00</i>	
10. Facilitation of Setting-up of Integrated townships	2852	...	...	...	0.10	...	0.10	...	...	...	0.10	...	0.10
11. Manpower Development (including Skill Development in IT and IT for Masses)	2852	40.92	...	40.92	100.69	...	100.69	65.14	...	65.14	90.00	...	90.00
12. Convergence, Communication & Strategic Electronics	2852	24.89	...	24.89	23.00	...	23.00	23.00	...	23.00	28.00	...	28.00
13. R&D in Medical Electronics and Health Informatics (erstwhile Electronics in Health & Telemedicine)	2852	9.53	...	9.53	10.50	...	10.50	4.10	...	4.10	9.00	...	9.00

(In crores of Rupees)

	Major Head	Actual 2011-2012			Budget 2012-2013			Revised 2012-2013			Budget 2013-2014		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
14. Other programmes													
14.01 Exhibition in Electronics	2250	...	0.09	0.09	...	0.80	0.80	...	0.72	0.72	...	0.80	0.80
14.02 Foreign Trade	3453	...	3.10	3.10	...	3.10	3.10	...	2.00	2.00	...	3.10	3.10
14.03 Other Schemes	2852	...	0.43	0.43	...	0.50	0.50	...	0.20	0.20	...	0.50	0.50
Total- Other programmes		...	3.62	3.62	...	4.40	4.40	...	2.92	2.92	...	4.40	4.40
15. Lumpsum provision for projects/schemes for the benefit of North East Region and Sikkim	2552	...	...	...	280.00	...	280.00	184.00	...	184.00	281.00	...	281.00
	4552	...	...	...	20.00	...	20.00	16.00	...	16.00	19.00	...	19.00
Total		...	...	...	300.00	...	300.00	200.00	...	200.00	300.00	...	300.00
16. Electronics Governance													
16.01 Programme Component	2852	254.34	...	254.34	767.00	...	767.00	331.89	...	331.89	530.00	...	530.00
16.02 EAP Component	2852	...	...	...	100.00	...	100.00	80.00	...	80.00	100.00	...	100.00
Total- Electronics Governance		254.34	...	254.34	867.00	...	867.00	411.89	...	411.89	630.00	...	630.00
17. Technology Development for Indian Languages	2852	31.95	...	31.95	32.00	...	32.00	21.00	...	21.00	34.00	...	34.00
18. Cyber Security (incl. CERT-In, IT Act)	2852	36.87	...	36.87	37.70	...	37.70	30.56	...	30.56	47.87	...	47.87
	4859	3.08	...	3.08	4.50	...	4.50	4.50	...	4.50	5.50	...	5.50
Total		39.95	...	39.95	42.20	...	42.20	35.06	...	35.06	53.37	...	53.37
19. Software Technology Parks of India and EHTP	2852	...	...	...	2.50	...	2.50	2.33	...	2.33	52.50	...	52.50
20. IT for Masses	2852	5.45	...	5.45	14.94	...	14.94	6.59	...	6.59	...	...	...
21. National Institute of Electronics & Information Technology (NIELIT) (erstwhile DOEACC)	2852	10.24	1.70	11.94	9.75	1.70	11.45	7.83	1.70	9.53	9.75	1.70	11.45
22. Promotion of Electronics/IT Hardware Manufacturing	2852	0.61	...	0.61	5.00	...	5.00	5.00	...	5.00	100.00	...	100.00
23. National Knowledge Network	2852	412.00	...	412.00	335.00	...	335.00	133.19	...	133.19	320.00	...	320.00
24. Media Lab Asia	2852	8.30	...	8.30	8.30	...	8.30	3.73	...	3.73	23.27	...	23.27
25. Controller of Certifying Authorities(CCA)	2852	3.14	...	3.14	6.00	...	6.00	3.00	...	3.00	6.00	...	6.00
26. Actuals Recoveries	2852	-10.15	...	-10.15	...	...	...	...	...	...	...	...	...
Total-Telecommunications and Electronics Industries		1989.06	17.64	2006.70	2956.33	19.70	2976.03	1956.33	17.82	1974.15	2955.00	19.70	2974.70
Grand Total		2020.94	43.49	2064.43	3000.00	51.00	3051.00	2000.00	47.95	2047.95	3000.00	52.00	3052.00
	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
B. Investment in Public Enterprises													
0.01 NIELIT/SAMEER/C-DAC.etc	12859	...	620.44	620.44	...	2362.80	2362.80	...	662.29	662.29	...	742.59	742.59
Total		...	620.44	620.44	...	2362.80	2362.80	...	662.29	662.29	...	742.59	742.59

	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
C. Plan Outlay													
1. Telecommunication and Electronic Industries	12859	1475.48	620.44	2095.92	2186.81	2362.80	4549.61	1286.81	662.29	1949.10	2126.61	742.59	2869.20
2. Secretariat-Economic Services	13451	545.46	...	545.46	513.19	...	513.19	513.19	...	513.19	573.39	...	573.39
3. North Eastern Areas	22552	...	...	...	300.00	...	300.00	200.00	...	200.00	300.00	...	300.00
Total		2020.94	620.44	2641.38	3000.00	2362.80	5362.80	2000.00	662.29	2662.29	3000.00	742.59	3742.59

1. **Secretariat-Economic Services:** It provides for secretariat expenditure of the Department of Electronics & 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. Its budget provision includes provisions under Scheduled Castes Sub Plan (SCSP) and Tribal Sub Plan (TSP) to the tune of 24.75 and ₹ 67.86 Crores respectively.

3. **Technology Development Council Projects (incl ITRA):** 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-art cost effective indigenous solutions for important industrial sectors; technology developments in bio-informatics, IPR promotion, innovation & incubation promotion and setting up of IT Research Academy.

4. **Educational & Research Network (ERNET):** 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 in the field of Nano and Micro electronics technology 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. This also supports Semiconductor Integrated Circuits Layout Design Registry (SICLDR).

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.

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):** STQC Directorate, an attached office of the DIT, 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:** Integrated Townships are characterized by state-of-art urban infrastructure and contributing to the overall economic development of the State.

11. **Manpower Development (incl. Skill Development in IT & IT for Masses):** The objective of the programme is to ensure availability of trained human resources for the manufacturing & service sectors of electronics and IT industry. Initiatives include identifying gaps emerging from the formal sector and planning programmes in non-formal and formal sectors for meeting these gaps. This budget provision includes provisions under Scheduled Castes Sub Plan (SCSP) and Tribal Sub Plan (TSP) to the tune of ₹ 5 crore and ₹ 25 crore respectively.

12. **Convergence, Communication & Strategic Electronics:** 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 Convergence Communication, Broadband, Broadcast and Strategic Technologies for inclusive and sustainable growth in the country.

13. **R&D in Medical Electronics & Health Informatics (erstwhile Electronics in Health & Telemedicine):** The Department has been actively engaged in promoting technology development and R&D in the area of medical electronic.

14. **Other Schemes:** These Non-Plan provisions are meant for reimbursing Central Sales Tax (CST) to Electronics Hardware Technology Parks (EHTP) and Software Technology Park

(STP) units as per Foreign Trade Policy as well as to support for organizing conferences, symposium, advertisement and publicity, etc.

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

16. **Electronic Governance:** The Objective of E-Governance, in broader terms, is to make all Govt. services accessible to the common person in his/her locality. National e-Governance Plan, (NeGP) covers 31 Mission Mode Projects (MMPs) and 8 Support Components to be implemented at the Central, State and Local Government levels. Its budget provision includes provisions under Scheduled Castes Sub Plan (SCSP) and Tribal Sub Plan (TSP) to the tune of ₹ 21.75 crore and ₹ 84.64 crore respectively.

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

18. **Cyber Security (including CERT-In, IT Act):** Cyber Security is gaining wider adoption in all types of products for a variety of reasons viz. National Security, appreciation of consequences of insecurity, 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 functioning and responding 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.

19. **Software Technology Parks of India (STPI) & EHTP:** Software Technology Park (STP) is a 100% export oriented scheme for the development and export of computer software using communication links or physical media and including export of professional services. At present STPI has 53 Centers across the country, out of which 45 centers are located in Tier II and Tier III cities.

21. **NIELIT (erstwhile 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. Its budget provision includes provisions under Scheduled Castes Sub Plan (SCSP) and Tribal Sub Plan (TSP) to the tune of ₹ 1 crore each.

22. **Promotion of Electronics / IT Hardware Manufacturing:** The government has identified growth of electronics and IT hardware manufacturing sector as a thrust area, which is manifested in the form of new National Policy on Electronics to accelerate promotion of electronics and IT hardware manufacturing in the country.

23. **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. Its budget provision includes provisions under Scheduled Castes Sub Plan (SCSP) and Tribal Sub Plan (TSP) to the tune of ₹ 7.50 crore and ₹ 22.50 crore respectively.

24. **Media Lab Asia:** Media Lab Asia is Section 25 Company with an aim to bring the benefits of the most advanced information and communication technologies to the common man and the needy people.

25. **Controller of Certifying Authorities (CCA):** The Controller of Certifying Authorities (CCA) issues license for operating as a Certifying Authority to the individual/company after examining the various parameter as mentioned in the Information Technology Act, 2000 amended in 2008 and its Rules and Regulations as prescribed from time to time. Licensed Certifying Authorities include Government entities and Private Sector units.