

MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY**DEMAND NO. 16****Department of Electronics and Information Technology**

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

Major Head	Actual 2013-2014			Budget 2014-2015			Revised 2014-2015			<i>(In crores of Rupees)</i> Budget 2015-2016			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	1709.72	48.38	1758.10	3620.00	114.10	3734.10	2526.10	116.30	2642.40	2420.85	62.00	2482.85	
Capital	143.31	...	143.31	195.00	...	195.00	73.90	...	73.90	147.15	...	147.15	
Total	1853.03	48.38	1901.41	3815.00	114.10	3929.10	2600.00	116.30	2716.30	2568.00	62.00	2630.00	
1. Secretariat-Economic Services	3451	35.34	31.24	66.58	50.80	37.30	88.10	42.80	36.07	78.87	58.00	39.04	97.04
Telecommunications and Electronics Industries													
2. National Informatics Centre	2852	90.53	...	90.53	90.50	...	90.50	75.50	...	75.50	84.00	...	84.00
	3451	524.18	...	524.18	529.50	...	529.50	522.87	...	522.87	481.00	...	481.00
	5475	129.37	...	129.37	100.00	...	100.00	45.07	...	45.07	65.00	...	65.00
<i>Total</i>	<i>744.08</i>	<i>...</i>	<i>744.08</i>	<i>720.00</i>	<i>...</i>	<i>720.00</i>	<i>643.44</i>	<i>...</i>	<i>643.44</i>	<i>630.00</i>	<i>...</i>	<i>630.00</i>	
3. Technology Development Council Projects (Incl. ITRA)	2852	49.48	...	49.48	45.00	...	45.00	32.10	...	32.10	...	...	...
4. Education Research Network (ERNET)	2852	...	...	...	0.10	...	0.10	...	...	...	...	...	...
5. Components & Material Development Programme	2852	23.00	0.60	23.60	27.00	0.60	27.60	26.50	0.60	27.10	...	0.60	0.60
6. Micro - Electronics and Nano-Technology Development Programme - NMC	2852	56.84	...	56.84	75.00	...	75.00	70.61	...	70.61	...	...	...
7. Centre for Development of Advanced Computing (C-DAC)	2852	122.00	3.00	125.00	130.00	3.00	133.00	123.05	3.00	126.05	65.00	3.00	68.00
8. Society for Applied Microwave Electronics Engineering and Research (SAMEER)	2852	50.00	3.00	53.00	46.00	3.00	49.00	46.00	3.00	49.00	...	3.00	3.00
9. Standardisation Testing and Quality Certification (STQC)	2852	68.32	5.97	74.29	85.00	7.00	92.00	72.50	7.00	79.50	84.00	7.00	91.00
	4859	8.70	...	8.70	25.00	...	25.00	12.50	...	12.50	9.00	...	9.00
<i>Total</i>	<i>77.02</i>	<i>5.97</i>	<i>82.99</i>	<i>110.00</i>	<i>7.00</i>	<i>117.00</i>	<i>85.00</i>	<i>7.00</i>	<i>92.00</i>	<i>93.00</i>	<i>7.00</i>	<i>100.00</i>	
10. Facilitation of Setting-up of Integrated townships	2852	...	...	...	0.10	...	0.10	...	...	...	...	...	...
11. Digital India programme and manpower development for skill in IT and IT for masses	2852	106.82	...	106.82	584.00	...	584.00	293.30	...	293.30	625.00	...	625.00
12. Convergence, Communication & Strategic Electronics	2852	15.75	...	15.75	23.00	...	23.00	23.00	...	23.00	...	...	...
13. R&D in Medical Electronics and Health Informatics (erstwhile Electronics in Health & Telemedicine)	2852	7.75	...	7.75	8.00	...	8.00	3.00	...	3.00	...	...	...

(In crores of Rupees)

	Major Head	Actual 2013-2014			Budget 2014-2015			Revised 2014-2015			Budget 2015-2016		
		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	...	...	...	...	...	...	...	...	...	...	...	...
14.02 Foreign Trade	3453	...	2.50	2.50	...	60.20	60.20	...	60.20	60.20	...	3.10	3.10
14.03 Other Schemes	2852	...	0.37	0.37	...	1.30	1.30	...	1.17	1.17	10.00	1.00	11.00
Total- Other programmes		...	2.87	2.87	...	61.50	61.50	...	61.37	61.37	10.00	4.10	14.10
15. Lumpsum provision for projects/schemes for the benefit of North East Region and Sikkim	2552	...	...	...	291.00	...	291.00	136.46	...	136.46	243.85	...	243.85
	4552	...	...	...	15.00	...	15.00	1.50	...	1.50	13.15	...	13.15
Total		...	...	...	306.00	...	306.00	137.96	...	137.96	257.00	...	257.00
16. Digital India Programme & Electronics Governance (incl. (i) Prog. on Good Governance and best practices, (ii) Prog. on enabling all Schools with virtual Classrooms)													
16.01 Programme Component	2852	319.00	...	319.00	315.00	...	315.00	144.72	...	144.72	407.00	...	407.00
16.02 EAP Component	2852	59.91	...	59.91	100.00	...	100.00	74.40	...	74.40	...	...	...
Total- Digital India Programme & Electronics Governance (incl. (i) Prog. on Good Governance and best practices, (ii) Prog. on enabling all Schools with virtual Classrooms)		378.91	...	378.91	415.00	...	415.00	219.12	...	219.12	407.00	...	407.00
17. Technology Development for Indian Languages	2852	18.00	...	18.00	24.00	...	24.00	23.10	...	23.10	...	...	...
18. Cyber Security (incl. CERT-In, IT Act)	2852	35.97	...	35.97	71.00	...	71.00	31.17	...	31.17	55.00	...	55.00
	4859	5.24	...	5.24	45.00	...	45.00	14.83	...	14.83	60.00	...	60.00
Total		41.21	...	41.21	116.00	...	116.00	46.00	...	46.00	115.00	...	115.00
19. Promotion of IT/ITeS Industry (erstwhile Software Technology Parks of India and EHTP)	2852	2.13	...	2.13	10.00	...	10.00	1.52	...	1.52	80.00	...	80.00
20. IT for Masses	2852	...	...	...	...	...	...	...	...	...	...	...	...
21. National Institute of Electronics & Information Technology (NIELIT) (erstwhile DOEACC)	2852	9.64	1.70	11.34	9.00	1.70	10.70	9.00	5.26	14.26	93.00	5.26	98.26
22. Promotion of Electronics/IT Hardware Manufacturing	2852	7.89	...	7.89	75.00	...	75.00	59.50	...	59.50	...	...	...
	4859	...	...	...	10.00	...	10.00	...	...	...	...	...	...
Total		7.89	...	7.89	85.00	...	85.00	59.50	...	59.50	...	...	...
23. National Knowledge Network	2852	352.23	...	352.23	261.00	...	261.00	261.00	...	261.00	135.00	...	135.00
24. Media Lab Asia	2852	15.75	...	15.75	7.00	...	7.00	...	...	...	...	...	...
25. Controller of Certifying Authorities(CCA)	2852	4.05	...	4.05	8.00	...	8.00	5.00	...	5.00	...	...	...
26. Actuals Recoveries	2852	-264.84	...	-264.84	...	...	...	...	...	...	...	...	...
	3451	-0.02	...	-0.02	...	...	...	...	...	...	...	...	...
Total		-264.86	...	-264.86	...	...	...	...	...	...	...	...	...

(In crores of Rupees)

	Major Head	Actual 2013-2014			Budget 2014-2015			Revised 2014-2015			Budget 2015-2016		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
Total-Telecommunications and Electronics Industries State and UT Plan													
27. National e-Governance Action Plan (NeGAP)	2552	...	...	...	76.00	...	76.00	42.80	...	42.80	...	...	...
	3601	...	...	...	674.00	...	674.00	401.20	...	401.20	...	...	...
	3602	...	...	...	5.00	...	5.00	5.00	...	5.00	...	...	...
	Total	...	...	...	755.00	...	755.00	449.00	...	449.00	...	...	...
Grand Total		1853.03	48.38	1901.41	3815.00	114.10	3929.10	2600.00	116.30	2716.30	2568.00	62.00	2630.00
	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
B. Investment in Public Enterprises													
1.01 NIELIT/SAMEER/C-DAC.etc	12859	...	690.30	690.30	...	795.78	795.78	...	769.39	769.39	...	897.93	897.93
Total		...	690.30	690.30	...	795.78	795.78	...	769.39	769.39	...	897.93	897.93
C. Plan Outlay													
Central Plan:													
1. Telecommunication and Electronic Industries	12859	1293.53	690.30	1983.83	2173.70	795.78	2969.48	1447.37	769.39	2216.76	1772.00	897.93	2669.93
2. Secretariat-Economic Services	13451	559.50	...	559.50	580.30	...	580.30	565.67	...	565.67	539.00	...	539.00
3. North Eastern Areas	22552	...	...	...	306.00	...	306.00	137.96	...	137.96	257.00	...	257.00
Total - Central Plan		1853.03	690.30	2543.33	3060.00	795.78	3855.78	2151.00	769.39	2920.39	2568.00	897.93	3465.93
State Plan:													
1. National e-Governance Action Plan (NeGAP)	43601	...	...	...	750.00	...	750.00	444.00	...	444.00	...	...	...
Total - State Plan		...	...	...	750.00	...	750.00	444.00	...	444.00	...	...	...
Union Territory Plans :													
Union Territory Plans (with Legislature)													
1. National e-Governance Action Plan (NeGAP)	43602	...	...	...	5.00	...	5.00	5.00	...	5.00	...	...	...
Total - Union Territory Plans		...	...	...	5.00	...	5.00	5.00	...	5.00	...	...	...
Total		1853.03	690.30	2543.33	3815.00	795.78	4610.78	2600.00	769.39	3369.39	2568.00	897.93	3465.93

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 an attached office of DeitY. It provides 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 14.00 and ₹ 70.00 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 including Electronics System Design & Application

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 development 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 DeitY, 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. **Digital India programme and manpower development for skill in IT and IT for masses:** Provision is majorly for programme on 'Digital India'. Other initiatives include ensuring availability of trained human resources for electronic and IT industry. Provision includes amount of 'IT for Masses'. Its budget provision includes provisions under Scheduled Castes Sub Plan (SCSP) and Tribal Sub Plan (TSP) to the tune of 15.00 and ₹ 50.00 Crores respectively. The above allocation includes provision for 'e-Panchayats' as part of Digital India Programme, Programme on Cyber Security, e-Governance, National Knowledge network and other related programmes will be covered under this umbrella programme.

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 & Medicine):** Its objective is to support & promote technology development and R&D in the area of medical electronic & health informatics.

14. **Other Programmes:** 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. Its budget provision includes provisions under Scheduled Castes Sub Plan (SCSP) and Tribal Sub Plan (TSP) to the tune of ₹ 14.00 crore and ₹ 40.00 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. **Promotion of IT/ITeS Industry:** This scheme was earlier known as 'Software Technology Parks of India (STPI) & EHTP. The global landscape of the IT-ITeS industry is increasingly becoming competitive. For maintaining India's leadership position in this space, there is a need for continued support, especially smaller IT units to fuel the further growth of the IT-ITeS industry. 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. This would also cover projects under Promotion of Electronics/IT HW Mfg; Component & Material Development; Micro-Electronics and Nano-Technology Development; Software Technology Parks of India (STPI) & EHTP; Facilitation of Setting up of Integrated Township; Convergence, Comm. & Strategic Electronics; Education and Research Network (ERNET); and R&D in Medical Electronics and Health Informatics.

21. **NIELIT:** 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 3.00 and ₹ 4.00 Crores respectively. This would also cover activities in respect of ongoing schemes viz. TDC Projects (incl ITRA); MLA; SAMEER; CCA and TDIL

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 5.00 and ₹ 8.00 Crores respectively.

DIGITAL INDIA would be an umbrella programme which would include schemes from Serial No. 16 to 23.

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):** Office of Controller of Certifying Authorities (CCA) has been created under Section 17 of the Information Technology Act, 2000. Office of CCA has various functions which includes licensing, supervising and monitoring of the Certifying Authorities, Certifying the Public Keys of the Certifying Authorities and to create awareness generation programmes on Digital Signatures/PKI. The licensed Certifying Authorities issues Digital Signatures Certificates to the various subscribers which are being used in various e-Governance enabled applications, the major use is in e-filing for company registration, filing of Income Tax Returns, e-tendering/e-procurement, e-IPO, e-mail signing & encryption, e-banking and e-authentication.

27. **National e-Governance Action Plan (NeGAP):** States may decide to continue (or not) with this scheme/ programme out of their increased resources resulting from the recommendations of the 14th Finance Commission.