

Ministry of Electronics and Information Technology

Demand No. 27

1. Digital India Programme: Manpower Development (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators
350	1. Skilling Manpower in IECT Domain	1.1. Visvesvaraya PhD Scheme Phase 1: Total number of scholars currently pursuing Ph.D. under the Visvesvaraya Ph.D. Scheme (approx.)	51	1. To develop an ecosystem of research, development and IP creation in ESDM and IT/ ITeS sectors	1.1. Visvesvaraya PhD Scheme Phase 1: Total number of scholars who have completed Ph.D. under the Visvesvaraya Ph.D. Scheme (cumulative)	40
		1.2. Visvesvaraya PhD Scheme Phase 2: Total number of full time PhD candidates selected in the FY	150		1.2. Visvesvaraya PhD Scheme Phase 2: Total number of full-time scholars who have completed Ph.D. under the Visvesvaraya Ph.D. Scheme Phase 2 (cumulative)	0 ¹
		1.3. Visvesvaraya PhD Scheme Phase 2: Total number of part time PhD candidates selected in the FY (@ 30 seats/year)	30		1.3. Visvesvaraya PhD Scheme Phase 2: Total number of part time scholars who have completed Ph.D. under the Visvesvaraya Ph.D. Scheme Phase 2	0 ¹

¹ The PhD completion normally takes around 5 years

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
						(cumulative)	
		1.4. NIELIT - Total number of manpower enrollment for training – [including NE] (in Number of candidates)	3,30,000		2. Training/ Education capacity in the Information, Electronics & Communication s Technology (IECT) Area	2.1. NIELIT - Total number of manpower trained and certified - [including NE] (in Number of candidates)	3,30,000

2. Digital India Programme: Cyber Security Projects (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
300	1. Near real-time threat assessment and situational awareness to secure Indian cyberspace	1.1. Aggregation of metadata from participating organisations and ISPs (Percentage of sites covered as per overall project scope of 275 sites) (in percentage)	100		1. Mean time to threat assessment	1.1. Mean Time to Identify Threats (in minutes)	30
		1.2. Detection, classification and trace back of Distributed	100			1.2. Mean Time for Threat Assessment and notification to	12

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23				
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23	
		Denial of Service (DDoS) attack traffic on participating Organisations and ISPs (in percentage)				stakeholders (in hours)		
		1.3. Confidence of detection of malware/ virus outbreaks in participating organisation network (in percentage)	90					
	2.	R&D in the area of Cyber Security	2.1. Number of new R&D projects initiated in the area of Cyber Security	4	2.	Development of new technologies for protection of cyberspace	2.1. New technologies developed for protection of cyberspace (in numbers)	2

3. Digital India Programme: Pradhan Mantri Gramin Digital Saksharta Abhiyan [PMGDISHA] (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23				
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23	
250	1.	Enrolment, training & certification under Pradhan Mantri	1.1. Additional number of persons enrollment under the PMGDISHA (in crore)	1.5	1.	Persons Digitally Certified under PMGDISHA Scheme	1.1. Total number of digitally certified persons under the PMGDISHA	1.5

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators
	Gramin Digital Saksharta Abhiyan (PMGDISHA)	1.2. Additional number of rural persons training under the PMGDISHA (in crore)	1		(cumulative) (in crore)	
		1.3. Additional number of rural persons certification under the PMGDISHA (in lakh)	80			

4. Digital India Programme: Promotion of Digital Payment (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators
200	1. Increase in Digital Payment acceptance infrastructure	1.1. Number of Merchants on-boarded to accept Digital Payments (in crores)	2 ²	1. Growth of Digital transactions	1.1. Percentage increase in number of Digital transactions (% increase from FY2021-22)	15-20
	2. Increased penetration of Digital Payments	2.1. Number of Digital Transactions (in crores)	7,000			

5. Digital India Programme: Promotion of IT & ITeS Industries (CS)

² 2 crore is total number of Merchants deployment targets on various digital modes to be allocated to banks by MeitY for FY 2022-23. Figure is not cumulative and previous year achievement has not been taken

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23				
	2022-23	Output	Indicators	Targets 2022-23 ³	Outcome	Indicators	Targets 2022-23	
100	1.	Seats allocated to successful bidders	1.1. Number of BPO/ ITeS seats allocated to successful bidders (cumulative) ~ IBPS	0	1.	Direct employment generation	1.1. Direct employment in numbers (Cumulative) ~ IBPS	46,000
			1.2. Number of BPO/ ITeS seats allocated to successful bidders (cumulative) ~ NEBPS	0			1.2. Direct employment in numbers (Cumulative) ~ NEBPS	800

6. Digital India Programme: Champion Service Sector Scheme [CSSS] (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23				
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23	
0.01	1.	Promotion of IT & ITeS Industries - Support to SMEs and Start-ups	1.1. Number of SMEs and start-ups supported (cumulative) - Nordics	200	1.	Increase in export revenue of supported SMEs and Start-ups	1.1. Percentage increase in export revenue (cumulative)	10
			1.2. Number of SMEs and start-ups supported (cumulative) - Africa	200			2.	Direct employment generation
	2.	Promotion of IT & ITeS Industries - Start-	2.1. Number of Start-ups in the IT/ITeS &	150				

³ Scheme is over for new bid invitation

	ups in the IT / ITeS & ESDM supported	ESDM supported (cumulative)				
	3. Manpower Development - Re-Skill / Up Skill of IT Professionals	3.1. Total number of persons trained and certified under the FutureSkill PRIME Programme	50,000			

1. Digital India Programme: Production Linked Incentive (PLI) Scheme for Large Scale Electronics and IT Hardware (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23		
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators
5,300	a. Production Linked Incentive (PLI) Scheme for Large Scale Electronics Manufacturing					
	1. Incremental investment by mobile phones and electronics components manufacturing units approved under the PLI Scheme	1.1. Investment made by the approved companies in India by the end of FY 2022-23 over the Base Year as defined (in Rs. crore)	7,000	1. Employment generated in the electronics manufacturing sector	1.1. Number of people employed by the approved companies till FY 2022-23	1,25,000
	2. Incremental Sales of manufactured goods by the approved companies	2.1. Anticipated Sales of manufactured goods over a given period i.e., FY 2022-23 (in Rs. crore)	1,60,000			
	b. Production Linked Incentive (PLI) Scheme for IT Hardware					
1. Incremental investment by IT Hardware manufacturing units approved under the PLI Scheme	1.1. Investment made by the approved companies in India by the end of FY 2022-23 over the Base Year as defined (in Rs. crore)	1,012	1. Employment generated in the electronics manufacturing sector	1.1. Number of people employed by the approved companies till FY 2022-23	13,608	

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
	2.	Sales of manufactured goods by the approved companies	2.1 Sales of manufactured goods over a given period minus the Sales of manufactured goods in the Base Year over the corresponding period, i.e., FY 2022-23 (in Rs. crore)	23,729			

2. Digital India Programme: Promotion of Electronics and IT HW Manufacturing (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23				
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23	
2,403	a. Modified Special Incentive Package Scheme (MSIPS)							
	1.	Provide incentives on capital investments in ESDM sector (on	1.1 Incentives commitment on investments in Follow-up phases of the approved projects (in Rs. crore)	500	1.	Capital investments and employment generation in ESDM sector	1.1 Capital investment by units during the year under MSIPS (in Rs. crore)	8,000

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23		
	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
	reimbursement basis)	1.2 Amount of incentives disbursed (in Rs. crore)	750		1.2. Employment generated by units during the year under MSIPS (in numbers)	50,000
b. Electronics Manufacturing Clusters (EMC) Scheme						
	1. Creating and strengthening infrastructure base for attracting investment in ESDM sector	1.1. Number of EMCs to whom Grant is sanctioned	14	1. Promoting electronics manufacturing ecosystem in the country	1.1. Land allotted to companies in EMCs (Acres)	40
		1.2. Amount of GIA released (in Rs. crore)	300		1.2. Investment attracted in EMCs (in Rs. crore)	4,000
					1.3 Number of companies started production	20
c. Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme						
	1. To robust the infrastructure base for attracting electronics manufacturing companies in the country through EMCs	1.1. Number of EMCs to whom Grant is sanctioned	6	1. To provide avenues for promoting electronics manufacturing ecosystem in the country	1.1. Land allotted to companies in EMCs (Acres)	300
		1.2. Amount of GIA released (Rs. in crore)	300		1.2. Investment attracted in EMCs (Rs. in crore)	6,000
					1.3. Projected Employment in EMCs (in numbers)	10,000

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23		
	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
	d. Electronic Development Fund (EDF)					
	1. Investment by EDF in Venture Funds focused in Electronics, Nano-electronics and IT	1.1. Number of Venture Funds in which follow-on investments will be done through EDF (cumulative)	4	1. Availability of risk capital for the companies working in Electronics, Nano-electronics and IT	1.1. Number of Startups funded through the Daughter Funds of EDF through follow-on investments	15
		1.2. Amount of investment of EDF in the venture funds (in Rs crore)	17		1.2. Amount of investment of the Daughter funds in these Startups (in Rs. crore)	75
	e. Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECS)					
	1. Support to electronic components and semiconductors manufacturing units	1.1. Total number of applications received	40	1. Increased investment in electronic sector	1.1. Investment by units covered under the Scheme (in Rs. crore)	1,000
		1.2. Total number of units sanctioned incentive	20	2. Increased production of electronic components and semi-conductors	2.1. Production by units covered under the scheme (in Rs. crore)	2,000
		1.3. Total number of units disbursed incentive	20	3. Increased direct employment in electronics sector	3.1. Employment by units covered under the scheme	20,000

3. Digital India Programme: National Knowledge Network (CS)¹

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators
650	1. A high-speed data communication network to interconnect Institutions of higher learning and research	1.1. Total number of links to Institutions connected over NKN	Targets not amenable	1. To facilitate creation, acquisition and sharing of knowledge resources among large participating Institutions; collaborative research, etc.	1.1. Average data flow across NKN in Petabytes.	Targets not amenable
		1.2. Total number of core links connected over NKN	Targets not amenable		1.2. Average bandwidth utilization over the network	Targets not amenable
		1.3. Number of International landing points/ PoPs	Targets not amenable		1.3. Percentage of institutes with at least 1 Gbps connection	Targets not amenable

¹ NKN project has duration only till 31st March 2022. Further, DII is yet in the process of approval. In view of that no targets could be set for 2022-23.

3. Digital India Programme: R&D in IT, Electronics, CCBT [including Incubator, Innovation & IPRs, TDIL, TIDE 2.0, and IoT & Emerging Technologies] (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23		
	Output	Indicators	Targets 2022- 23	Outcome	Indicators	Targets 2022-23
598.17	a. Incubator, Innovation and IPRs					
	1. Support to incubators & specialized Electopreneur parks	1.1. Total number of locations where incubators have been setup (theme-based incubators)	4	1. Start-ups supported to further Innovation-led ecosystem	1.1. Total number of Start-ups supported	190
					1.2. Number of Start-ups that successfully graduated	40
				2. Increase in employment opportunities in the ICT Industry	2.1 Total number of new jobs generated	1,000
				3. IPRs generated by supported start-ups	3.1 Total number of patents/ copyrights filed	100
	b. R&D Group					
	1. Research & Development in Information Technology (IT), Electronics and Communication Convergence & Broadband	1.1. Total number of projects undertaken (Ongoing projects) - R&D in IT	31	1. Development of new technologies by carrying out proof-of-concepts, prototypes, products,	1.1. Deployment of technologies (R&D in IT)	2
		1.2. Total number of projects undertaken (New projects) - R&D in IT	9		1.2. Deployment of technologies (R&D in Electronics)	15
		1.3. Total number of projects undertaken (Ongoing	40			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23			
	2022-23	Output	Indicators	Targets 2022- 23	Outcome	Indicators	Targets 2022-23
	Technologies (CC&BT)	projects) - R&D in Electronics			efforts to start Incubation/ start-up in the mentioned areas		
		1.4. Total number of projects undertaken (New projects) - R&D in Electronics	10				
		1.5. Total number of projects undertaken (Ongoing projects) - R&D in CC&BT	30			1.3. Deployment of technologies (R&D in CC&BT)	1
		1.6. Total number of projects undertaken (New projects) - R&D in CC&BT	5				
		1.7. R&D in IT: Number of S&T manpower trained in the project/ Ph.D. provided	60			1.4. Transfer of Technology (R&D in IT)	1
						1.5. Transfer of Technology (R&D in Electronics)	4
		1.8. R&D in Electronics: Number of S&T manpower trained in the project/ Ph.D. provided	250			1.6. Transfer of Technology (R&D in CC&BT)	1
		1.9. R&D in CCBT: Number of S&T manpower trained in the project/ Ph.D. provided	100			1.7. Commercialization of technologies (R&D in Electronics)	2
						1.8. Patents filing (R&D in IT)	2
				1.9. Patents filing (R&D in Electronics)	8		
				1.10. Patents filing (R&D in CC&BT)	5		

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23			
	2022-23	Output	Indicators	Targets 2022- 23	Outcome	Indicators	Targets 2022-23
						1.11. Publication (R&D in IT)	20
						1.12. Publication (R&D in Electronics)	50
						1.13. Publication (R&D in CC&BT)	25
	c. TDIL						
	1. Research and Development in TDIL	1.1. Total number of projects undertaken (Ongoing & New projects) – R&D in TDIL	8	1. Development of new technologies in TDIL	1.1. Engagement with Start-ups through Challenge Rounds (R&D in TDIL) (in numbers)	30	
					1.2. Deployment of technologies (R&D in TDIL) (in numbers)	36	
					1.3. Publication (R&D in TDIL) (in numbers)	15	
	d. Technology Incubation and Development of Entrepreneurs (TIDE) 2.0						
	1. Deepening the base for start-up ecosystem support	1.1. Number of incubators supported	51	1. Increased employment and higher startup growth with enhanced investments in the startup system	1.1. Total employment generated	500	
		1.2. Number of start-ups supported	300		1.2. Number of products developed	50	
		1.3. Number of ecosystem activities	1		1.3. Number of patents registered	20	
		1.4. Number of training workshops conducted	50		1.4. Number of Copyrights registered	10	

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23				
	2022-23	Output	Indicators	Targets 2022- 23	Outcome	Indicators	Targets 2022-23	
		1.5. Number of low engagement programmes conducted	90		1.5. Number of Trademarks registered	10		
		1.6. Number of deep engagement programmes conducted	12		1.6. Number of Start-ups that turned profitable	10		
		1.7. Number of challenge grants launched	12		1.7. Number of Start-ups that successfully graduated	10		
		1.8. Number of hackathons organized	12					
		1.9. Number of industrial tie-ups/ MoUs signed by the incubator	40					
	e. IoT and Emerging Technologies							
	1.	Opening of new Centres of Excellence on Internet of Things	1.1. Number of start-ups enrolled	75	1.	Increased benefits of Use of Open Technology Stack. Access to industry experts/ consultants showcasing the prototype/ project to companies to	1.1. Number of pilots/ projects executed for real life problem	60
			1.2. Number of engagements made with start-ups	150			1.2. Number of IP filed	14

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23			
	2022-23	Output	Indicators	Targets 2022- 23	Outcome	Indicators	Targets 2022-23
					SMEs/ Start- ups		

5. Digital India Programme: Electronic Governance (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23			
	2022-23	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
525 ²	1.	Setting up of Digital Locker	1.1. Total number of Digi lockers setup (in crore)	4	1. Increased use of digital channels and services	1.1. Y-o-Y change in number of digi-locker users (%)	20
	2.	A single platform for all Indian Citizens to access pan India e-Gov services	2.1. Number of services made available on UMANG (Unified Mobile Application for New-age Governance)	150	2. Increased use of UMANG services	2.1. Y-o-Y change in number of UMANG Services	150
	3.	NCoG: A national platform for developing geo-informatics related resources & capabilities in the country	3.1. Number of projects where GIS mapping is being used	60	3. Increased use of GIS based services	3.1. Y-o-Y change in number of NCoG applications	60
	4.	Setting of MeghRaj application on cloud	4.1. Total number of applications running on NIC Cloud	120	4. Hosting of applications / users on the MeghRaj cloud	4.1 Y-o-Y change in number of users/ clients using applications hosted on the NIC (MeghRaj) cloud	120
			4.2. Total number of virtual servers running on NIC Cloud	1,600			
	5.	Setting up of Common Services	5.1. Number of new Common Services Centres (CSCs) setup in the FY	1,000			

² Including Externally Aided Project

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
	Output	Indicators	Targets 2022-23	Outcome	Indicators	Targets 2022-23
2022-23	Centres at 2.50 lakh Gram Panchayats (GPs)	5.2. Total number of Gram Panchayats with at least 01 functional Common Services Centre (CSC) (Cumulative)	1,000			