

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
STARRED QUESTION NO. *113
TO BE ANSWERED ON 14.12.2022

GLOBAL ELECTRONICS MANUFACTURING HUB

***113. SHRIMATI RITI PATHAK:
SHRIMATI GEETA KORA:**

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) the efforts being made by the Government to fulfil the vision of making India a global electronics manufacturing hub;
- (b) whether the Government has any plans to partner with States to achieve the goal of digital economy in electronics manufacturing and if so, the details thereof;
- (c) whether partnership will also be done with States of Madhya Pradesh, Jharkhand, Bihar and Jammu and Kashmir under the said scheme and if so, the details thereof; and
- (d) the details of the measures by which the PLI scheme of the Government can help the States especially the States of Madhya Pradesh, Jharkhand, Bihar and Jammu and Kashmir to become a major destination for electronics manufacturing?

ANSWER

MINISTER OF ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI ASHWINI VAISHNAW)

- (a) to (d): A statement is laid on the Table of the House

**STATEMENT REFERRED TO IN THE REPLY TO LOK SABHA STARRED QUESTION
NO. *113 FOR 14.12.2022, REGARDING GLOBAL ELECTRONICS MANUFACTURING HUB**

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(a): Government of India's goal is to broaden and deepen the country's electronic manufacturing ecosystem. In order to boost electronics manufacturing including semiconductors, and position India as a global hub for Electronics System Design and Manufacturing (ESDM) and compete globally, following steps are taken by the Government:

1. **National Policy on Electronics 2019:** The National Policy on Electronics 2019 (NPE 2019) has been notified on 25.02.2019. The vision of NPE 2019 is to position India as a global hub for Electronics System Design and Manufacturing (ESDM) by encouraging and driving capabilities in the country for developing core components, including chipsets, and creating an enabling environment for the industry to compete globally.

To attract and incentivize large investments in the electronics value chain and promote exports, following three Schemes have been notified under the aegis of NPE 2019:

- (i) **Production Linked Incentive Scheme (PLI) for Large Scale Electronics Manufacturing** was notified on April 01, 2020 to provide an incentive of 4% to 6% to eligible companies on incremental sales (over base year) involved in mobile phone manufacturing and manufacturing of specified electronic components, including Assembly, Testing, Marking and Packaging (ATMP) units.
 - (ii) **Production Linked Incentive Scheme (PLI) for IT Hardware** was notified on March 03, 2021 to provide an incentive of 4% to 2% / 1% on net incremental sales (over base year) of goods manufactured in India and covered under the target segment, to eligible companies, for a period of four (4) years. The Target Segment under PLI Scheme includes (i) Laptops (ii) Tablets (iii) All-in-One PCs and (iv) Servers
 - (iii) **Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECS)** was notified on April 01, 2020 to provide financial incentive of 25% on capital expenditure for the identified list of electronic goods that comprise downstream value chain of electronic products, i.e., electronic components, semiconductor / display fabrication units, ATMP units, specialized sub-assemblies and capital goods for manufacture of aforesaid goods.
 - (iv) **Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme** was notified on April 01, 2020 to provide support for creation of world class infrastructure along with common facilities and amenities, including Ready Built Factory (RBF) sheds / Plug and Play facilities for attracting major global electronics manufacturers along with their supply chain to set up units in the country. The Scheme provides financial assistance for setting up of both EMC projects and Common Facility Centres (CFCs) across the country.
2. **Program for Development of Semiconductors and Display Manufacturing Ecosystem:** To widen and deepen electronics manufacturing, the Union Cabinet on 15.12.2021, approved a comprehensive program with an outlay of INR 76,000 crore for the development of Semiconductors and Display manufacturing ecosystem. With the approval of Cabinet, this Programme has been recently modified on 21.09.2022. The modified programme offers Fiscal Support of 50% of Project Cost uniformly for semiconductor fabs across the technology nodes as well as for compound semiconductors, packaging and other semiconductor facilities.

Following Fiscal incentives are now available to eligible applicants:

- **Modified Scheme for setting up of Semiconductor Fabs:** It provides fiscal support for setting up semiconductor wafer fabrication facilities in the country. Fiscal support of 50% of the Project Cost is available for setting up of silicon-based semiconductor fabs across all technology nodes.
- **Modified Scheme for setting up of Display Fabs:** It provides fiscal support for setting up TFT LCD / AMOLED based display fabrication facilities. It provides fiscal support of 50% of Project Cost.

- **Modified Scheme for setting up of Compound Semiconductors / Silicon Photonics / Sensors Fab/ Discrete Semiconductor Fabs and Semiconductor ATMP / OSAT facilities in India:** It provides a fiscal support of 50% of the Capital Expenditure to the eligible applicants for setting up of Compound Semiconductors / Silicon Photonics (SiPh) / Sensors (including MEMS) Fab/ Discrete Semiconductor Fabs and Semiconductor ATMP / OSAT facilities in India.
 - **Design Linked Incentive Scheme:** It offers financial incentives, design infrastructure support across various stages of development and deployment of semiconductor design for ICs, Chipsets, SoCs, Systems & IP Cores and semiconductor linked design. The scheme provides both “Product Design Linked Incentive” and “Deployment Linked Incentive”.
3. **100% FDI:**As per extant Foreign Direct Investment (FDI) policy, FDI up-to 100% under the automatic route is permitted for electronics manufacturing (except from countries sharing land border with India), subject to applicable laws / regulations; security and other conditions.
 4. **Modified Special Incentive Package Scheme (M-SIPS):** The Scheme was notified on 27th July, 2012 to provide financial incentives to offset disability and attract investments in the electronics manufacturing sector. It was amended in August, 2015 to extend the period of the scheme, enhance scope of the Scheme by including 15 more product verticals, and attract more investment. The scheme was further amended in January, 2017 to expedite the investments. The scheme provides subsidy for capital expenditure - 20% for investments in Special Economic Zones (SEZs) and 25% in non-SEZs. The incentives are available for 44 categories / verticals of electronic products and components covering entire electronics manufacturing value chain. The Scheme was open to receive applications till 31.12.2018 and is in the implementation mode.
 5. **Electronics Manufacturing Clusters (EMC) Scheme:** Electronics Manufacturing Clusters Scheme was notified on 22nd October, 2012 to provide support for creation of world-class infrastructure along with common facilities and amenities for attracting investment.
 6. **Electronics Development Fund (EDF):** Electronics Development Fund (EDF) has been set up as a “Fund of Funds” to participate in professionally managed “Daughter Funds” which in turn will provide risk capital to startups and companies developing new technologies in the area of electronics and Information Technology (IT). This fund is expected to foster R&D and innovation in these technology sectors. INR 409 crore has been committed through EDF to 9 Daughter Funds with a targeted corpus of INR 2,626 crore.
 7. **Phased Manufacturing Programme (PMP)** has been notified to promote domestic value addition in mobile phones and their sub-assemblies / parts manufacturing. As a result, India has rapidly started attracting investments into this sector and significant manufacturing capacities have been set up in the country. The manufacturing of mobile phones has been steadily moving from Semi Knocked Down (SKD) to Completely Knocked Down (CKD) level, thereby progressively increasing the domestic value addition.
 8. **Tariff Structure** has been rationalized to promote domestic manufacturing of electronic goods, including, *inter-alia*, Cellular mobile phones, Televisions, Electronic components, Set Top Boxes for TV, LED products and Medical electronics equipment.
 9. **Exemption from Basic Customs Duty on capital goods:** Notified capital goods for manufacture of specified electronic goods are permitted for import at “NIL” Basic Customs Duty.
 10. **Simplified import of used plant and machinery:** The import of used plant and machinery having a residual life of at least 5 years for use by the electronics manufacturing industry has been simplified through the amendment of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, vide Ministry of Environment, Forest and Climate Change Notification dated 11.06.2018.
 11. **Relaxing the ageing restriction:** The Department of Revenue vide Notification No.60/2018-Customs dated 11.09.2018 has amended the Notification No.158/95-Customs dated 14.11.1995,

relaxing the ageing restriction from 3 years to 7 years for specified electronic goods manufactured in India and re-imported into India for repairs or reconditioning.

12. **Public Procurement (Preference to Make in India) Order 2017:** To encourage 'Make in India' and to promote manufacturing and production of goods and services in India with a view to enhancing income and employment, the Government has issued Public Procurement (Preference to Make in India) Order 2017 vide the Department for Promotion of Industry and Internal Trade (DPIIT) Order dated 15.06.2017 and subsequent revisions vide Orders dated 28.05.2018, 29.05.2019, 04.06.2020 and 16.09.2020. In furtherance of the aforesaid Order, MeitY has notified mechanism for calculating local content for 13 Electronic Products viz., (i) Desktop PCs, (ii) Thin Clients, (iii) Computer Monitors, (iv) Laptop PCs, (v) Tablet PCs, (vi) Dot Matrix Printers, (vii) Contact and Contactless Smart Cards, (viii) LED Products, (ix) Biometric Access Control / Authentication Devices, (x) Biometric Finger Print Sensors, (xi) Biometric Iris Sensors, (xii) Servers, and (xiii) Cellular Mobile Phones, for procurement to be made from local suppliers.
13. **Compulsory Registration Order (CRO):** MeitY has notified "Electronics and Information Technology Goods (Requirement of Compulsory Registration) Order, 2012" for mandatory compliance to ensure safety of Indian citizens by curbing import of substandard and unsafe electronic goods into India. 63 Product Categories have been notified under the CRO and the order is applicable on 63 product categories.
14. **Establishment of Gallium Nitride (GaN) Ecosystem Enabling Centre and Incubator:** The project for "Establishment of Gallium Nitride (GaN) Ecosystem Enabling Centre and Incubator for High Power and High Frequency Electronics" has been approved. The project will be implemented by Society for Innovation and Development (SID), being converted to a Section 8 company titled "Foundation for Science, Innovation and Development" under the auspices of Indian Institute of Science (IISc) at Centre for Nano Science and Engineering (CeNSE), Bengaluru.

(b) and (c): 'Electronics manufacturing' is one of the priority pillars under India's digital economy vision. In order to achieve the goal of electronics manufacturing, the steps/initiatives taken by Government of India (as mentioned in part (a)) are pan India initiatives and any State/ UTs of India including Madhya Pradesh, Jharkhand, Bihar and Jammu and Kashmir can avail benefits under these steps/initiatives.

Under **Modified Special Incentive Package Scheme (MSIPS)**, MeitY has 320 applications with proposed investment of INR 89,194 crore are under consideration. Out of these 320 applications, 315 applications with proposed investment of INR 86,904 crore and committed incentives of INR 9,566 crore have been approved. Direct and indirect employment generated so far is 3,45,571. Total sales (domestic and exports) from the units under production are INR 6,63,274 crore. State-wise details of the scheme is at [Annexure I](#). 6 companies have established their operations in the State of Madhya Pradesh and are taking benefits under the Modified Special Incentive Package Scheme (MSIPS). Details are at [Annexure-II](#).

Under **Electronics Manufacturing Cluster (EMC) scheme**, 19 Greenfield EMCs and 3 Common Facility Centres (CFCs) accorded approval covering an area of 3,464 acres with project cost of Rs. 3,639 crore including Central Grant-in-aid of Rs. 1,503 crore in 15 states across the country. About 369 companies have booked manufacturing space with their proposed investment of Rs. 55,336 crore. About 9,120 crore have been mobilized and generated 28,577 employment. State-wise details of the scheme is at [Annexure III](#). MeitY has accorded approval for setting up of 2 Greenfield Electronics Manufacturing Clusters at Bhopal and Jabalpur in the state of Madhya Pradesh, and 1 Greenfield Electronics Manufacturing Cluster in the state of Jharkhand. Details are at [Annexure-IV](#).

Further, under Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme, any state can apply to create world class infrastructure along with common facilities and amenities, including Ready Built Factory (RBF) sheds / Plug and Play facilities for attracting major global electronics manufacturers along

with their supply chain to set up units in the country. The Scheme is open for receipt of application for a period of 3 years and further period of 5 years is available for disbursement of the funds to the approved projects.

Under **Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECS)**, 32 applications have been approved with total project outlay of Rs.11,130 crore and committed incentives of Rs 1,519 crore. The total employment generation potential of the approved applications is 32,457. State-wise details of the scheme is at Annexure V.

(d): Production Linked Incentive (PLI) Scheme for Large Scale Electronics Manufacturing and PLI for IT Hardware are notified with an objective to create a mobile phone, laptop, tablet, server and AIOs manufacturing ecosystem and shift from Semi Knocked Down (SKD) level of manufacturing to Completely Knocked Down (CKD) level of manufacturing in the country. The PLI Schemes for electronics manufacturing are pan-India initiatives, so any State/UTs including Madhya Pradesh, Jharkhand, Bihar and Jammu and Kashmir can avail the similar benefits. The state-wise details of the scheme is at Annexure VI.

In addition, PLI for Telecom & Networking Products was notified on February 24, 2021 to provide an incentive of 4% to 7% on net incremental sales (over base year) of goods manufactured in India and covered under the target segment, to eligible companies, for a period of Five (5) years. The Scheme envisage additional incentive of 1% for Design-led Manufacturing. The Target Segment under PLI Scheme includes (i) Core transmission Equipment; (ii) 4G/5G, Next Generation RAN and Wireless Equipment; (iii) Access & CPE, IoT Access Devices and Other Wireless Equipment; (iv) Enterprise Equipment: Switch and Router. State-wise details of scheme are at Annexure VII.

Annexure I

State	Number	Proposed Investment (Rs crore)
Andhra Pradesh	10	1725.2
Assam	2	108.11
Daman	1	130.97
Delhi	2	26.77
Goa	9	1517.36
Gujarat	23	13423.65
Haryana	40	3859.335
Himachal Pradesh	3	212.42
Karnataka	36	13508.78
Kerala	4	902.76
Madhya Pradesh	6	379.54
Maharashtra	66	13851.1
Odisha	1	17.25
Punjab	1	109.72
Rajasthan	19	3201.84
Tamil Nadu	32	14953.85
Telangana	13	3562.88
Uttar Pradesh	42	16153.6
Uttarakhand	4	289.59
West Bangal	5	1003
Tamil Nadu	1	201.35
Grand Total	320	89139.075

Approved applicants under Modified Special Incentive Package Scheme (MSIPS) in the state of Madhya Pradesh

S. No.	Applicant	Products	Proposed Investment (Rs crore)
1	Vindhya Telelinks Limited	Optical Fiber Cables	70.35
2	Om Optel Industries Pvt. Limited	Optical Fiber Cable	63.37
3	Pratap Digital Communications Private Ltd.	Optical Fibre Cable	112.34
4	Shakti Pumps India Ltd.	Printed Circuit Board Assembly (PCBA)	65.29
5	Pratap Digital Communications Private Ltd.	Optical Fiber	54.94
6	HLBS Tech Pvt Ltd	Laptop, Tablet, Information Kiosk, Electronic Lectern and Servers	13.25
Total			379.54

No applicants under MSIPS in States- Jharkhand, Bihar and Jammu & Kashmir

State-wise details under EMC:

S.No	State	Location of EMC	Area (Acres)	Chief Promoter/SPV	Project Cost
Greenfield Investment					
1	Andhra Pradesh	Sri City, Chittoor District	94	Sri City EMC Pvt. Ltd.	56.75
2		EMC-I@ Tirupathi, Chittoor District	113.27	Andhra Pradesh Industrial Infrastructure Corporation Ltd. (APIIC)	74.27
3		EMC-II@ Tirupathi, Chittoor District	501.40		339.8
4	Assam	Bongora, Kamrup District	100	Assam Electronics Devp. Corp. Limited (AMTRON)	119.85
5	Chhattisgarh	Naya Raipur	116.48	Chhattisgarh State Industrial Devp Corp. Ltd. (CSIDC)	103.88
6	Goa	Tuem, Goa	147.55	Department of IT, Government of Goa	161.32
7	Gujarat	Mundra, Kutch District	631.38	Mundra Solar Techno park Private Limited (MSTPL)	745.14
8	Jharkhand	Adityapur, Saraikela-Kharsawan District	82.49	Jharkhand Industrial Area Development Authority (JIADA)	97.88
9	Kerala	Kakkanad Ernakulam District	66.87	Kerala Industrial Infrastructure Development Corporation (KINFRA)	35.06
10	Madhya Pradesh	Badwai-Bhopal	50	Madhya Pradesh State Electronics Development Corporation Ltd.(MPSEDC)	47.19
11		Purva-Jabalpur	40		38.57
12	Odisha	Infovalley, Bhubaneswar Indl. Area, Khurda District	203.37	Odisha Industrial Development Corporation	200.76
13	Rajasthan	Salarpur, Khushkera, Bhiwadi	50.3	ELCINA Electronics Manufacturing Cluster Pvt. Ltd (EEMCPL)	46.09
14		Karoli Industrial Area, Bhiwadi, District-Alwar	121.51	Rajasthan State Industrial Development & Investment Corporation Ltd. (RIICO)	78.98
15	Telangana	E-city, Hyderabad	603.52	Telangana State Indl. Infrastructure Corpn.(TSIIC)	667.6
16		Maheshwaram, Ranga Reddy	310.70		436.97
17	Uttar Pradesh	Ecotech-VI Indl. Area, Greater Noida	99.41	TEGNA Electronics Pvt. Ltd.	115.32
18	West Bengal (Recommended for cancellation)	Falta, South 24 Parganas District	58.04	West Bengal Electronics Industry Development Corporation Limited (WEBEL)	58.86
19		Naihati, North 24 Parganas district	70		58.31
CFC					
20	Karnataka	Hebbal Industrial Area, Mysore	1.50	Mysore ESDM Cluster	48.53
21	Maharashtra	Shendra Industrial Area, Aurangabad District	1.98	Deogiri Electronics Cluster Pvt.Ltd. DECPL)	41.09
22		Pimpri Industrial Area, Pune	0.61	MCCIA Electronic Cluster Foundation (MECF)	67
Total			3,464		3,639

Approved Electronic Manufacturing Clusters in the state of Jharkhand and Madhya Pradesh

Madhya Pradesh: Under the scheme, 2 Greenfield Electronics Manufacturing Clusters covering an area of 90 acres at Badwai-Bhopal and Purva-Jabalpur with project cost of Rs. 85.76 crore including Central Financial assistance of Rs. 38.62 crore have been approved in the state of Madhya Pradesh. These EMCs are projected to attract an investment of Rs. 363 crore with 17,400 employment potential. 95% infrastructure work has been completed. The Central Grant-in-aid of Rs. 30.57 crore has been released to these projects. About 91 companies have taken land space with projected investment of about Rs. 1,256 crore and having potential to generate about 8,700 persons. Out of these, 13 units have started production and other 32 units are under construction. The project wise details are as follows:

Location	Badwai-Bhopal	Purva-Jabalpur,
	Madhya Pradesh	Madhya Pradesh
Area of EMC (acres)	50	40
Implementing Agency	Madhya Pradesh State Electronics Development Corporation Ltd.(MPSEDC)	
Date of approval	25 th August, 2011	25 th August, 2014
Project Cost	Rs. 47.19 crore	Rs. 38.57 crore
GIA	Rs. 20.86 crore	Rs. 17.76 crore
GIA released	Rs. 16.69 crore	Rs. 13.88 crore
Proposed Saleable area	37.16 acres	18.62 acres
Current Status		
Infra Development	95% Complete	95% Completed
Land allotment	100% allotted Land allotted – units Projected investment – 1,059crore Projected Employment-~6,411 persons.	100% allotted Land allotted – units Projected investment – Rs. 203 cro Projected Employment- ~2,316 persons.
Commercialization	Units under production -2 Units under construction -9	Units under production -10 Units under construction -22

Jharkhand:

Under EMC scheme, Ministry of Electronics & Information Technology accorded approval to M/s Jharkhand Industrial Area Development Authority (JIADA) (erstwhile AIADA) for setting up of Greenfield Electronics Manufacturing Cluster over an area of 82.49 acres at Adityapur, Saraikela-Kharsawan District, Jharkhand with a project cost of Rs. 97.88 crore including Central Government Grant-in-aid of Rs. 41.48 crore from MeitY. This EMC is projected to attract an investment of Rs. 200 crore and expected to generate 400 employment opportunities.

About 85% infra work has been completed. A Grant-in-aid of Rs. 20.74 crore has been released. Out of total industrial plottable area of 48.88 acres, 26.47 acres of land has been allotted to 34 units with their project investment of 154.64 crore and having potential to generate 2,098 employments. Out of which, 1 unit is in production and other 29 units are under various stages of construction/approval.

Based on further requirement for strengthening of infrastructure to create robust electronics manufacturing ecosystem in the country, MeitY introduced **Modified Electronics Manufacturing Clusters (EMC 2.0) Scheme** on 1st April, 2020 with receipt of application upto March, 2023 providing support for creation of world class infrastructure along with common facilities and amenities, including Ready Built Factory (RBF) sheds / Plug and Play facilities for attracting major global electronics manufacturers along with their supply chain to set up units in the country. The Scheme is open for receipt of application for a period of 3 years and further period of 5 years is available for disbursement of the funds to the approved projects.

Units in production/construction in Bhopal EMC

No.	of unit(s)	of product	osed	osed	s

1	e Green India		Light Components& assembling of			Production
2	Surfer LLP		ic Equipment, LED Lights, Mobile			construction
						r Production

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			Light Assembly			
			ic Equipment, LED Lights, Mobile			r construction

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	Technologies Pvt.		op Computer, Workstation, Server,			Construction

	m Electricals &		l Staters, Solar Inverters, Solar			Construction
	ust Technologies Pvt.		drivers, LED indoor Panels, LED			Construction

	Enterprises		TVs and other consumer electronics			Construction
	Electrical		Lighting			Construction
	Telecommunication		Consumer Electronic,LED TV, Geysers,			Construction

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	Consultancy Services	Software	Manufacturing/IT		Construction

Units in production/construction in Jabalpur EMC

	of unit(s)		of product	sed	sed	
	sons Enterprises		ol Panel automation			Production
	Electricals		Lighting Systems, Home Electronics			Production
						Production

	Electric Pvt. Ltd.		facturing and Assemble of the			Production

	ond Electrical		y Charger, Control & Relay Panels,			r Production
	Solutions		facturing of electronic water			r Production
	at IT & Electronic		e spare parts, cases, PCB			r Production

	Krishi Kendra		onic panel for submersible pump			Production
	l Pharma		facturing as well assembling plant,			Production
	ech Techno India		olutions like network installation and			Production

			facturing of CAT 6 Cables and		implementation
	a pumps industries		onic Digital Contral Panels		Production
	Hardware		Panel		Construction
	sh Enterprises		PV Modules/Control		Construction

	er Works		PV Modules/Solar Control Panels &			r Construction

	rwad Hardware		Modules Modules/Panels (Start-up			Construction
	Arts		facturing hanging lamps, signaga's			Construction
	Electric		onic panels, domestic and			Construction

	n Electro Innovations		facturing unit of			r Construction
						r Construction

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ada Enterprises

ce all type of power semiconductor

Construction

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	ise Suppliers		ufacturing of CFL, LED bulbes			r Construction
	Engineering Works		etric and identity devices/RFID			r Construction
	v Sales		ufacturing - Electro Magnetic Boom			r Construction

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	ic Power Solutions		facturing of Electronic Control			Construction

	Construction		Manufacturing of Electronic Transformer			Construction
	Power		High Voltage Control Panel/APFC Panel,			Construction

	Electronics		Bulbs, LED Tube light, Fans, Remote			Construction
	Vinayak		onics Parts to be used in			Construction

	General Technocartes		Manufacturing , Assembling and			Construction

	m Eco Tech		ling & Processing of ewaste			: Construction
	Tech & FAB		g of Machinery for Manufacturing,			: Construction

	Electronics India Pvt.		Starter, Mobile Starter and Home			Construction
	on Solar Systems		Solar Panels/Modules.			Construction

Units in production/construction in Adityapur EMC

S.No.	Name of unit(s)	Area (acres)	Line of product	Proposed Investment	Proposed Employment	Status
1	AJANTA REFOSTEEL CHEMICALS PRIVATE LTD.	1	Digital Temperature Analyzer, Digital Oxygen Analyzer, 3 in one Analyzer, Digital Sampler, Hot Metal Temperature Analyzer (Electronics items)	3.35	73	Under Production
2	DHANUKA CHEMICALS INDUSTRIES	0.56	PRINTED CIRCUIT BOARD (ELECTRONIC ITEM)	2.05	31	Under Construction
3	ANAND UTILITIES PVT. LTD.	0.56	RFID TAG (LF, HF & UHF) (ELECTRONIC ITEMS)	1.43	51	Under Construction
4	BHALOTIA ELECT. PVT. LTD	1	ELECTRONICS POWER SYSTEMS	2.69	22	Under Construction
5	E WASTE RECYCLERS LLP	0.56	Industrial Automation (Electronic Item), E Waste Recycling	2.38	15	Under Construction

6	SUBHA INFOTECH	0.56	Control System (Electronic Item)	0.70	9	Under Construction
7	SMART INFOCOM	0.98	ELECTRONIC ATTENDENCE RECORDER, FACE EXPRESSION RECOGNITION,ELECTRO MAGNETIS LOCK,RFID INSTRUMENT (ELECTRONIC ITEMS)	2.64	25	Under Construction
8	GREENWORLD MOTORS PVT. LTD.	0.56	E CONTROLLER (ELECTRONIC ITEM)	1.84	28	Under Construction
9	B S ENTERPRISES	1	MSG-07 SPEED GOVERNOR, ECO F-10 ECOGAS, ECO G-10 ECO GAS	2.93	26	Under Construction
10	AP ELECTROMAXX	1	LCD TV	1.87	16	Under Construction
11	ALLIED INSTRUMENTS & THERMOCOUPLES	0.56	TEMPRETURE PROBE, OXYGEN PROBE, TEMPRETURE INSTRUMENT, OXYGEN INSTRUMENT	3.02	26	Under Construction
12	BSA CORPORATION LIMITED	1.98	Electronic Control Unit, Anti Lock Breaking System, Electronic Diesel Control Unit	17.47	786	Under Construction
13	EASTERN AGENCIES	0.56	DC ELECTRIC NUT RUNNER	2.29	12	Under Construction
14	SHIV SHAKTI CORPORATION	0.56	LED BASED LIGHTING SYSTEM, PANELS	3.18	34	Vacant
15	GREEN VISION	0.56	MANUFACTURING OF LED BASED LIGHTING SYSTEMS	1.90	70	Vacant
16	KUHU LABS PRIVATE LIMITED	0.56	SMART LED LIGHTING LUMINARE TROFFER, HIGHBAY	2.65	75	Under Construction
17	T2 REALITY SOLUTIONS PVT. LTD.	0.28	PCB, Battery Chargers, Control Cards for Agriculture Products, E- Rickshaw Parts (Speedo meters), Lithium Ion Battery Packs for EV, Robotic (Training, Supply & Services)	1.05	15	Under Construction
18	SYNERGY ENTERPRISES	0.28	Power Distribution Boards (PDB),Lighting Distribution Boards (LDB),Lighting Feeder Pillars (LFP), Power Control Centre (PCC), Motor Control Centre (MCC)	1.50	20	Vacant
19	R.A.H ELECTRONICS	0.28	RECYCLING OF E-WASTE, MODEMS, UPS	1.29	50	Under Construction
20	BABA SHYAM ELECTRONICS	0.28	E-Waste Recycling, PCB Board	1.19	50	Under Construction
21	MEDIA MAGIX	0.56	SS Led Letters, LED Frames, Led Screen, Glow Sign Board, ACP Acrylic 3D LED Board	1.60	10	Under Construction
22	SACHDEV SOLAR ELECTRICALS	0.56	SOLAR PANEL	4.00	24	Under Construction
23	SHREE SAHAJANANDS AUTOMECK Pvt. LIMITED	0.56	ROBOTIC DUST SUPPRESSION MIST	2.24	58	Under Construction
24	SHREE GANESH ELECTRICALS & ELECTRONICS	0.56	LED LIGHTS, ELECTRIC PANELS	2.77	34	Under Construction
25	SANDHU TECHNOCRATS PVT. LIMITED	2.00	Electronic Point Machine, LED Signal Lights	8.20	80	Vacant
26	DG ELECTRO	0.56	LED Bulbs, LED Tube Lights, Flood Lights, 0.5 W Colored Bulbs, LED Spot Lights	1.74	17	Under Construction
27	GOBOSH HOLDINGS LTD.	1.00	SOLAR PANELS	6.35	82	Under Construction

28	ROSA TECHNOLOGY PVT. LIMITED	1.00	ASTRA ROBOT, NIYANTRAN HOME AUTOMATION SYSTEM	5.09	91	Under Construction
29	HOPLA SUSTAINABILITY SOLUTIONS PVT. LTD	0.98	Refurbishment, E-Waste (Recycling)	3.73	37	Under Construction
30	ACE POWER ELECTRONICS	0.56	SOLAR INVERTER, BATTERY CHARGER, Solar Pump Control System	3.23	41	Under Construction
31	CTC PRAEZISION TOOLS PRIVATE LIMITED (2 plots)	3.74	Tungsten Carbide/Ceramic Tools	56.17	140	Under Construction
32	MACHINE TOOLS & SOLUTIONS	0.28	Hybrid electronic vehicles (HEVs)/ Electronic Vehicles Conversion Centre	1.27	20	Under Construction
33	BULKTECHS EQUIPMENTS PRIVATE LIMITED.	0.56	Electronic Control Unit for automation of equipment/machineries	1.64	15	Under Construction
34	MECHTRONICA SYSTEMS	0.15	Solar Water Purifier	1.18	15	Under Construction

State-wise details under SPECS:

State Name	No. of Applicants	Proposed Investment (INR crore)	Proposed Employment
Andhra Pradesh	1	41.89	82
Switches	1	41.89	82
Gujarat	2	53.73	221
PCB	1	35	200
Printed Circuit Boards (PCBs)	1	18.73	21
HARYANA	2	19.92	189
BLDC Motors	1	10.29	39
Capacitors	1	9.63	150
Himachal Pradesh	4	112.77	468
Ferrites	1	30.12	113
Handheld tools for PCB and smart card	1	23.5	90
Printed Circuit Boards (PCBs)	1	42.27	240
Resistors	1	16.88	25
Karnataka	6	175.49	361
Actuators and Transformers	1	9.01	37
BLDC Motors	2	97.65	161
Connectors	1	50	118
Fuses ,Connectors, USB connectors	1	9.39	23
Magnetrons, Wave guides, Magnets, RF Components	1	9.44	22
Kerala	1	28	355
Connectors	1	28	355
MAHARASHTRA	5	205.08	1462
BLDC Motors for Ceiling Fan & Pedestal Fan	1	25	654
Capacitors	1	10.96	69
Connectors	1	146.31	479
PCB	1	13.32	160
Relays	1	9.49	100
Punjab	1	26.53	89
SMT components	1	26.53	89
RAJASTHAN	2	173.18	2067
ATMP for semiconductor	1	140	1950
BLDC Motors for 2 wheeler	1	33.18	117
Tamil Nadu	3	6054.61	24711
Mechanics for Mobile	2	5775.03	19477
Transformers, Inductors, Coils	1	279.58	5234
Telangana	1	16.64	99
Capacitors	1	16.64	99
UP	4	4223.19	2353
Capacitors	2	26.74	406
Chip Modules for Smart Cards	1	74.18	175
Display Assembly	1	4122.27	1772
Grand Total	32	11131.03	32457

State-wise details of Applicants under PLI Scheme for Large Scale Electronics Manufacturing

State	No. of Companies	Sum of Projected Production (5 yrs) (INR Crore)	Sum of Projected Investment (5 yrs) (INR Crore)	Sum of Projected Employment (5 yrs) (INR Crore)
Andhra Pradesh	1	6	21	6
Assam	1		11	
Bihar	1		90	0
Chhatisgarh	1		53	
Karnataka	1	87	162	96
Kerala	1		49	
Madhya Pradesh	1		65	2
Madhyanagar	1		40	
Rajasthan	1	5	16	0
Tamil Nadu	1	84	377	441
Telangana	1		11	
Uttar Pradesh	1	81	476	64
Total	11	748	1018	768

Note: One applicant has not finalised the location

State-wise details of Applicants under PLI Scheme for IT Hardware:

State	No. of Company	Projected Product (INR Cr)	Projected Investment (INR Cr)	Projected Employment (Direct Jobs)
Andhra Pradesh	1	,411.25	38	50
Uttar Pradesh	1	75	7	,030
Karnataka	1	1871.86	57	,790
Madhya Pradesh	1	00	20	20
Rajasthan	1	50	20	95
Tamil Nadu	1	0282.67	12	2,616
Uttar Pradesh	1	743.96	57	1,465
Total	4	1234.74	25	6066

State-wise details for PLI for Telecom and Networking Products

S.NO.	Name of the Applicant	State	Investment (Rs. Crore)	Employment
1	Alphion India Private Limited	MAHARASHTRA	30.11	65
2	Candid Optronix Pvt Ltd	DELHI	19.00	1,212
3	Commscope India Private Limited	GOA	208.59	1,000
4	Coral Telecom Limited	UTTAR PRADESH	12.26	90
5	Design and Manufacturing Vista Electronics Private Limited	DELHI	10.00	50
6	Dixon Electro Appliances Private Limited	UTTAR PRADESH	180.00	1,750
7	Ehooome IOT Private Limited	WEST BENGAL	48.00	420
8	Elcom Innovations Private Limited	UTTAR PRADESH	23.00	160
9	Flextronics Technologies (India) Private Limited	TAMIL NADU	128.00	1,929
10	Frog Cellsat Limited	UTTAR PRADESH	16.00	275
11	GDN Enterprises Private Limited	UTTAR PRADESH	46.00	900
12	Go IP Global Services Private Limited	UTTAR PRADESH	25.00	255
13	GX India Private Limited	HARYANA	45.00	163
14	HFCL Limited	DELHI	426.53	362
15	Huber + Suhner Electronics Private Limited	HARYANA	12.50	647
16	ITI Limited	KARNATAKA	120.00	250
17	Jabil Circuit India Private Limited	MAHARASHTRA	327.60	765
18	Kaynes International Design & Manufacturing Private Limited	KARNATAKA	47.80	165
19	Lekha Wireless Solutions Pvt Ltd	KARNATAKA	20.53	160
20	Matrix Comsec Private Limited	GUJARAT	10.00	160
21	Neolync Tele Communications Private Limited	KARNATAKA	120.00	1,650
22	Netlink ICT Pvt Ltd	KERALA	11.00	300
23	Netweb Technologies India Pvt. Ltd.	HARYANA	20.00	195
24	Nokia Solutions And Networks India Private Ltd	HARYANA	230.00	400
25	Panache Digilife Limited	MAHARASHTRA	13.67	290
26	Priyaraj Electronics Limited	KARNATAKA	49.00	620
27	Rising Stars Hi-Tech Private Limited	TAMIL NADU	125.00	555
28	Samriddhi Automations Private Limited	UTTAR PRADESH	25.00	224
29	Samsung India Electronics Pvt Ltd.	HARYANA	240.00	604
30	Sanmina-Sci India Private Limited	TAMIL NADU	110.00	325
31	Sansap Technology Private Limited	UTTAR PRADESH	10.00	131
32	Sixth Energy Technologies Private Limited	KARNATAKA	10.00	70
33	Skyquad Electronics and Appliances Pvt. Ltd.	TELANGANA	45.80	447
34	Surbhi Satcom Private Limited	UTTAR PRADESH	25.00	370
35	Synegra EMS Limited	GOA	10.00	140
36	Syrma SGS Technology Limited	MAHARASHTRA	106.00	2,425
37	Systrome Technologies Private Limited	HARYANA	11.75	195
38	Tecniqa India Private Limited	DELHI	12.00	24
39	Tejas Networks Limited	KARNATAKA	750.00	7,137
40	Tiany in Worldtech India Private Limited	UTTAR PRADESH	25.00	750
41	Vihaan Networks Limited	HARYANA	10.00	98
42	VVDN Technologies Private Limited	HARYANA	400.00	16,766
Total			4,115.14	44,494
