ALLOCATION OF FUNDS FOR VARIOUS SCHEMES

881. SHRI KAMAKHYA PRASAD TASA:
 SHRI SADANAND SHET TANAWDE:
 DR. ANIL AGRAWAL:
 SHRI DHANANJAY BHIMRAO MAHADIK:

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

  (a) whether the funds allotted to Assam, Goa and Kerala under various schemes of the Ministry during the period 2019-2024 is higher than as compared to recent past;
  (b) if so, the allotment of funds thereof annually from 2019-2024;
  (c) whether Government has approved any special projects in Electronics & IT for Assam, Goa and Kerala from 2019-2024; and
  (d) If so, the details thereof annually during the period 2019-2024?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI RAJEEV CHANDRASEKHAR)

(a) and (b): The Government of India initiated the Digital India programme with the vision of transforming India into a digitally empowered society and a knowledge-based economy, by ensuring digital access, digital inclusion, digital empowerment and bridging the digital divide. The programme is centred on three key vision areas, namely, digital public infrastructure as a core utility to every citizen; digital governance and services on demand; and digital empowerment of every citizen across India.

The majority of schemes initiated by the Ministry of Electronics and Information Technology (MeitY) are central sector schemes, designed with a pan-India orientation, without specific state-wise fund allotment. However, for certain schemes, state-wise data is accessible. Aggregated data for Assam, Goa and Kerala is given below:

Financial Year	Fund allotted in ₹Lakh		
	Assam	**Goa**	**Kerala**
2023-24*	2,391.28	13.33	6,513.90
2022-23	1,244.93	0.00	4,304.48
2021-22	2,106.43	334.00	8,239.36
2020-21	1,571.61	2,111.00	945.65
2019-20	1,223.13	0.00	413.57

*Released till date

(c) and (d): Government of India has undertaken various projects in Electronics & IT for Assam, Goa and Kerala. Details are given in **Annexure-I.**

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Electronics &IT proects in Assam, Goa and Kerala

A. **ASSAM**

1) Electronics Manufacturing Clusters (EMC)
Ministry of Electronics & IT notified **Electronics Manufacturing Clusters (EMC) scheme** in October, 2012 to provide financial support for creation of world class infrastructure along with common facilities & amenities, for attracting electronics manufacturing units in the country. The scheme provides financial support upto 50% of the project cost subject to a ceiling of ₹ 50.00 crore per every 100 acres for Greenfield EMC and for Common Facility Centre (CFC), 50% of the project cost subject to a ceiling of ₹ 50 crore per project, is provided as Grant. The scheme was open for receipt of application for a period of 5 years i.e., upto October, 2017 and further period upto October, 2024 is available for disbursement of funds to the approved projects.

Under the scheme, MeitY has, inter-alia, approved Greenfield EMC in the state of Assam. The details are given below:

- Location :Bongora, Palasbari Circle , Kamrup Distric
- Implementing Agency: Assam Electronics Development Corporation Limited (AMTRON)
- Area(acres):   100
- Project Cost (₹ Crore):   119.85
- Grant-in-aid(₹ Crore):   50
- GIA released(₹   crore) :   25

The release of Grant-in-aid (financial year wise) is given below:

FY	Grant-in-aid released (₹ crore)to (M/s AMTRON)
2016-17	0
2017-18	10
2018-19	0
2019-20	11.55
2020-21	3.45
2021-22	0
2022-23	0
2023-24 (As on date)	0
Total	**25**

2) A State Data Centre (SDC) Assam
The State Data Centre (SDC) project in the State of Assam was approved on 28th March 2008. The year wise details of the funds released to the Assam Electronics Development Corporation Limited (AMTRON), State of Assam under State Data Centre (SDC) project from year 2019-20 to 2023-2024 is as under: -

(Amount in crore)

Status of funds released to the State Data Centre (SDC) project in the state of Assam from 2019-20 to 2023-24		
Sr. No.	**Financial Years**	**Amount**
1	2019-20	0
2	2020-21	10.27
3	2021-22	8.33
4	2022-23	0
5	2023-24	7.20
Total amount released		**25.80**

3) Design and Development of AI/ML Co-Processor and Post Quantum Cryptography Co-Processor (An initiative towards Electronics System Design and Manufacturing in North-East Region)

A project 'Design and Development of AI/ML Co-Processor and Post Quantum Cryptography Co-Processor' has been assigned to IIT Guwahati with total outlay of ₹19.99 Crore. Objectives of Project are:

   (i) Silicon proven soft IP Core of AI/ ML Coprocessor.
   (ii) Silicon proven soft IP Core of Post-Quantum-Cryptography Coprocessor immune to classical as well as to Quantum computing-based attacks (PQC Coprocessor).
   (iii) Working prototype of Secure Smart Camera with Embedded Intelligence (SSCEI) for Face Recognition for Safe and Secure Smart Cities on FPGA platform using AI/ ML Coprocessor and PQC Coprocessor.
   (iv) Generating 1000 skilled manpower in VLSI System Design.

4) Center of Excellence with Start-up Innovation Zones (CoE-SIZ) in Emerging Technologies

To incubate start-ups in new and emerging technologies in the areas of electronics and IT, 8 CoE-SIZ have been approved in each NE State in two phases. In phase-I, 3 CoE_SIZ have been approved at Guwahati, Shillong & Imphal with an outlay of ₹ 30.7 crore in March 2020 while in phase-II, 5 CoE-SIZ have been approved in remaining 5 States with an outlay of ₹ 38.03 crore in March 2021. These CoEs are at various stages of implementation.

5) Startups and Innovation Ecosystem

Ministry of Electronics and Information Technology (MeitY) has undertaken various initiatives and measures to promote a technology-led startups and innovation ecosystem in the country including in Assam state. This proactive approach builds from established best practices designed to strengthen and encourage the overall tech startup development infrastructure by overcoming persistent bottlenecks to work grounds up seamlessly. Some of the major initiatives have been elucidated here:

- **Technology Incubation and Development of Entrepreneurs (TIDE) Scheme:** Technology Incubation and Development of Entrepreneurs (TIDE) Scheme was put in place by Ministry of Electronics and Information Technology (MeitY) in year 2008 to promote innovation by nurturing startups in Information Technology, Communications &Electronics (ICTE) domain. TIDE 1.0 scheme was formally closed on 31.03.2020. Under the TIDE Scheme one incubation centre at "Indian Institute of Technology, Guwahati" was supported under which ₹ 1.55 Cr. was allocated and released to this incubation centre.

- **Technology Incubation and Development of Entrepreneurs (TIDE 2.0 Scheme):** The enhanced version of TIDE scheme i.e. Technology Incubation and Development of Entrepreneurs (TIDE 2.0) Scheme was initiated in the year 2019 to promote tech entrepreneurship through financial and technical support to incubators engaged in supporting ICT startups using emerging technologies such as IoT, AI, Block-chain, Robotics etc. in seven pre-identified areas of societal relevance. The Scheme is being implemented through 51 incubators. Under the Scheme one TIDE 2.0 centre namely "Down Town Venture Labs, Assam Down Town University, Guwahati, Assam" is being supported under which ₹ 51.0 lakh has been released.

6) North East BPO Promotion Scheme (NEBPS)

The Government had initiated North East BPO Promotion Scheme (NEBPS) under the Digital India Program, for promotion of BPO/ITES operations in North East Region (NER) and creation of employment opportunities, with an outlay of ₹ 50 crore in 2015. The scheme

provides financial support along with special incentives up to ₹1 lakh/seat in the form of Viability Gap Funding (VGF). The duration of NEBPS was up to 31st March, 2020 to invite new bids, however disbursement may go beyond this period. Under this scheme, 19 units have set up BPO/ITES operations across 6 States in North East region, out of which 8 are in Assam.

B. GOA
1) Electronics Manufacturing Clusters (EMC)

Ministry of Electronics & IT notified **Electronics Manufacturing Clusters (EMC) scheme** in October, 2012 to provide financial support for creation of world class infrastructure along with common facilities & amenities, for attracting electronics manufacturing units in the country. The scheme provides financial support upto 50% of the project cost subject to a ceiling of ₹ 50.00 crore per every 100 acres for Greenfield EMC and for Common Facility Centre (CFC), 50% of the project cost subject to a ceiling of ₹ 50 crore per project, is provided as Grant. The scheme was open for receipt of application for a period of 5 years i.e., upto October, 2017 and further period upto October, 2024 is available for disbursement of funds to the approved projects.

Under the scheme, MeitY has, inter-alia, approved Greenfield EMC in the state of Goa. The details are given below:

- Location: Village-Tuem, Taluka- Pernem Goa
- Implementing Agency: Department of IT, Government of Goa
- Area (acres): 147.55
- Project Cost (₹ Crore): 161.32
- Grant-in-aid(₹ Crore): 73.77
- GIA released(₹ crore): 36.88

The release of Grant-in-aid (financial year wise) is given below:

FY	Grant-in-aid released (₹ crore) to (DoIT, Goa)
2016-17	0
2017-18	0
2018-19	12.43
2019-20	0
2020-21	21.11
2021-22	3.34
2022-23	0
2023-24 (As on date)	0
Total	**36.88**

2) Chips to Start-up (C2S) Programme

A project 'Design & Development of FPGA Accelerator IP for Deep Neural Network (FAipDNeT) under Chips to Start-up (C2S) Programme'has been assigned to NIT Goa under C2S Programme with outlay of ₹ 86.00 Lakh.

C2S Programme has been initiated by MeitY in January 2022, which aims to generate industry-ready 85,000 number of manpower specialized in the area of VLSI/ Chip and Embedded System Design at B.Tech, M.Tech& PhD level at 113 participating organizations over a period of 5 years. C2S Programme will also act as catalyst for growth of domestic Start-ups involved in fabless chip design. Under C2S Programme – (a) 113 organizations (including 100 Academia/ R&D Organizations and 13 Startup/ MSMEs) from 28 States and 4 Union Territories of India have been selected for support for chip design activities, (b) ChipIN Centre has been setup at C-DAC Bangalore as one-stop centre; for chip design &

fabrication services for chip designers in the country including state-of-the-art chip design EDA (Electronic Design Automation) tools, MPW (Multi-project Wafer) fabrication services and industry-relevant chip design & fabrication flow related trainings.

C. KERALA

3) Electronics Manufacturing Clusters (EMC)

Ministry of Electronics & IT notified **Electronics Manufacturing Clusters (EMC) scheme** in October, 2012 to provide financial support for creation of world class infrastructure along with common facilities & amenities, for attracting electronics manufacturing units in the country. The scheme provides financial support upto 50% of the project cost subject to a ceiling of ₹ 50.00 crore per every 100 acres for Greenfield EMC and for Common Facility Centre (CFC), 50% of the project cost subject to a ceiling of ₹ 50 crore per project, is provided as Grant. The scheme was open for receipt of application for a period of 5 years i.e., upto October, 2017 and further period upto October, 2024 is available for disbursement of funds to the approved projects.

Under the scheme, MeitY has, inter-alia, approved Greenfield EMC in the state of Kerala. The details are given below:
- Location: Kakkanad Village, Kanayannur Taluk, Ernakulam District
- Implementing Agency: Kerala Industrial Infrastructure Development Corporation (KINFRA)
- Area(acres):   66.87
- Project Cost (₹ Crore):   35.06
- Grant-in-aid(₹ Crore):   15.89
- GIA released(₹ crore):   7.62

The release of Grant-in-aid (financial year wise) is given below:

FY	Grant-in-aid released (₹ crore) to (KINFRA)
2016-17	0
2017-18	0
2018-19	10
2019-20	0
2020-21	0
2021-22	0
2022-23	-2.38(remitted to CFI)
2023-24 (As on	0
Total	**7.62**

4) e-Health Kerala

"e-Health, Kerala" was approved with a total estimated outlay of **₹ 96,12,04,000/-** *(MeitY Share: ₹ 86,69,45,000/- and Department of Health, Government of Kerala share: ₹ 9,42,59,000/-)* being implemented by eHealth Kerala Society, Kerala. The project envisages to develop an effective IT enabled Health care system to ensure efficient service delivery to the common citizen. It also aims to setup a Central Repository of Electronic Health Records pertaining to the State residents which may be used for monitoring purposes and control measures. The eHealth Kerala Project, based on the concept of "One citizen one Electronic Health Record", is a unique, robust and sustainable Healthcare Information Technology solution supporting nearly 50,000 healthcare service personnel consisting of Doctors, Paramedical and other non-clinical staff at the Primary, Secondary and Tertiary care centres maintained by the State Government. The details of funds released to eHealth Kerala Society are as follows:

Year of release	Sanction date	Sanction amount (₹ in Lakh)
FY 2021-22	23/02/2022	2257.75
FY 2023-24	31/01/2024	500.00

5) India Innovation Centre for Graphene

A project 'India Innovation Centre for Graphene' has been assigned to C-MET, Thrissur and Digital University Kerala, with total outlay of ₹ 8641.56 Lakh. This project aims to undertake R&D, Product Innovation and Capacity building activities in the area of graphene, and other 2D material systems for sensors and actuators, energy storage and harvesting, graphene – CMOS integration, and wearable devices with a view to develop indigenous technology, products, intellectual property rights (IPR) and trained manpower.

6) India BPO Promotion Scheme

Government had launched India BPO Promotion Scheme (IBPS) in 2016 under Digital India Program with the aim to create employment opportunities and dispersal of IT/ITES industry in small cities/towns by incentivize setting up of BPO/ITES operations by providing financial support up to ₹ 1 lakh per seat in the form of viability gap funding towards capital and operational expenditures. In addition, scheme provides various special incentives to the units promoting local entrepreneur, encouraging employment to women and physically disabled persons etc. The duration of the scheme was up to 31.03.2019 to invite new bids, however disbursements may continue beyond this period. Since the inception of this scheme, 227 units have setup BPO/ITES operations across 21 States/UTs of the country, providing direct employment to 52,333 persons, out of which 3 units are in Kerala providing direct employment to 1241 persons.

7) Startups and Innovation Ecosystem

Ministry of Electronics and Information Technology (MeitY) has undertaken various initiatives and measures to promote a technology-led startups and innovation ecosystem in the country including in Kerala state. This proactive approach builds from established best practices designed to strengthen and encourage the overall tech startup development infrastructure by overcoming persistent bottlenecks to work grounds up seamlessly. Some of the major initiatives have been elucidated here:

- **Technology Incubation and Development of Entrepreneurs (TIDE) Scheme:** Technology Incubation and Development of Entrepreneurs (TIDE) Scheme was put in place by Ministry of Electronics and Information Technology (MeitY) in year 2008 to promote innovation by nurturing startups in Information Technology, Communications & Electronics (ICTE) domain. TIDE 1.0 scheme was formally closed on 31.03.2020. Under the TIDE Scheme 2 incubation centre at "National Institute of Technology, Calicut" and "Amrita Vishwa Vidyapeetham University, Kerala"were supported under which ₹ 2.4 Cr. was released to these incubation centre.

- **Technology Incubation and Development of Entrepreneurs (TIDE 2.0 Scheme):** The enhanced version of TIDE scheme i.e. Technology Incubation and Development of Entrepreneurs (TIDE 2.0) Scheme was initiated in the year 2019 to promote tech entrepreneurship through financial and technical support to incubators engaged in supporting ICT startups using emerging technologies such as IoT, AI, Block-chain, Robotics etc. in seven pre-identified areas of societal relevance. The Scheme is being implemented through 51 incubators. Under the Scheme one TIDE 2.0 centre namely "Maker Village-Kochi, IIITM-Kerala" is being supported under which ₹ 5.67 Cr. has been released.

- **Electronics Incubator by IIITM-Kerala and KSUM at Cochin, Kerala:** The project for setting up of Consumer Electronics Incubator at Cochin, Kerala by Indian Institute of Information Technology and Management Kerala (IIITM-K) and M/s Kerala Startup Mission (KSUM) aims to creation of new enterprises focused on Consumer Electronics through a holistic incubation ecosystem.

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