

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 3444
TO BE ANSWERED ON: 01.04.2022

SKILL TRAINING IN ELECTRONICS, IT AND ITeS SECTOR

3444 SHRI SUJEET KUMAR:

Will the Minister of Electronics and Information Technology be pleased to state:

- (a) the total number of persons provided skill training in electronics, IT and ITeS sector in the last three years, year-wise and training partner-wise;
- (b) the amount allocated and disbursed so far in the last three years, year-wise and training partner-wise;
- (c) whether Government has taken any action against the training partners and officials with regard to issues related to training, certification and providing employment opportunities; and
- (d) if so, the details thereof and Government's reaction thereto?

ANSWER

MINISTER OF STATE ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI RAJEEVCHANDRASEKHAR)

(a) and (b): Skill development and creating skilled talent is an important mission to ensure that the growing digital economy of India is provided with the trained and skilled manpower that the industry requires especially in the electronics and IT and ITeS sector. In pursuance, skill development activities of the Ministry of Electronics and IT (MeitY) are primarily being taken up through its two autonomous societies viz. National Institute of Electronics and Information Technology (NIELIT) and Centre for Development of Advanced Computing (C-DAC). The year-wise total number of persons provided skill training through various courses in Electronics, IT and ITeS sector in the last three years is as under:-

Sr. No.	FY	Candidates Certified
1.	2019-20	3.16 Lakhs
2.	2020-21	3.17 Lakhs
3.	2021-22 (upto December 2021)	3.76 Lakhs

In addition to above, the Ministry of Electronics and IT (MeitY) has implemented the following projects/schemes to promote skill training in the electronics, IT and ITeS sectors:

- i) For Electronic System Design and Manufacturing(ESDM) Sector: MeitY has approved (02) two schemes for Skill Development in ESDM Sector to facilitate creation of an eco-system for the development of ESDM Sector in the entire country viz. (i) "Scheme for Financial Assistance to select States/UTs for Skill Development in Electronics System Design and Manufacturing (ESDM) sector" (Scheme-1) covering 8 States/UTs; and (ii) "Skill Development in ESDM for

Digital India” (Scheme-2) covering the remaining states/UTs. The objective of these Schemes is to provide financial assistance for facilitating skill development for a cumulative total of 4,18,000 persons in the ESDM sector. So far, a total of 4.26 lakh candidates have been enrolled under the two Schemes, out of which 4.20 lakh candidates have been trained and 2.97 lakh candidates have been duly certified. Year-wise achievement in these two schemes in the last three years is as under:

Sr. No	FY	Enrolment	Trained	Certified
1	2019-20	87,205	71,058	23,534
2	2020-21	17,132	23,571	32,686
3	2021-22 (as on 28.3.2022)	33,411	38,568	45,611
Total		1,37,748	1,33,197	1,01,831

For both the Schemes, the reimbursement of training fees is done to the respective Training Partners only upon successful certification of the candidates. Under Scheme-1, the funds are allocated and released by MeitY directly to the respective State Implementing Agencies (SIAs) of the respective States/UTs and the reimbursement of the training fees to the respective training partners is done by the SIAs directly. The amount allocated and disbursed to the respective SIAs in the last 3 years is as under:

(Rs. in Crore)

Sr. No	States/UTs	FY 2019-20	FY 2020-21	FY 2021-22	Total
1	Andhra Pradesh	--	2.75	--	2.75
2	Jammu and Kashmir	--	6.88	3.56	10.44
3	Karnataka	2.67	3.11	2.13	7.91
4	Punjab	--	0.72	4.67	5.39
5	Telangana	2.27	2.48	1.64	6.39
6	Uttar Pradesh	1.97	2.29	--	4.26
7	Uttarakhand	0.30	0.23	--	0.53
8	Ladakh	--	0.59	--	0.59
	Total	7.21	19.05	12	38.26

Under Scheme-2, the funds are allocated and released by MeitY to National Institute of Electronics and Information Technology (NIELIT) which acts as the Programme Management Unit (PMU) for the Scheme-2. The reimbursement of the training fees has been done to 312 training partners by NIELIT directly based on the actual candidates certified by these Training Partners in last three years. The amount allocated and disbursed to NIELIT in the last 3 years is as under:

(Rs. in Crore)

Implementing Agency	FY 2019-20	FY 2020-21	FY 2021-22	Total
NIELIT	32.06	6.63	36.39	75.08

The list of training partners which have imparted training in last three years under the two schemes is available at [https://esdm-skill.deity.gov.in/\(S\(hartp1sgoldzrdhwyf4pji04\)\)/Document/Admin/TP_wise_Data.pdf](https://esdm-skill.deity.gov.in/(S(hartp1sgoldzrdhwyf4pji04))/Document/Admin/TP_wise_Data.pdf)

- ii) For the IT Sector, MeitY and NASSCOM have jointly initiated a programme titled “FutureSkills PRIME (Programme for Re-skilling/Up-skilling of IT Manpower for Employability)”, which aims to create re-skilling/up-skilling ecosystem for B2C in emerging and futuristic technologies. The

Programme is envisaged to provide re-skilling/ up-skilling opportunities in 10 Emerging Technologies – Augmented Reality/Virtual Reality, Internet of Things, Big Data Analytics, Artificial Intelligence, Robotic Process Automation, Additive Manufacturing/ 3D Printing, Cloud Computing, Social & Mobile, Cyber Security and Blockchain. FutureSkills PRIME Programme is a first of its kind initiative which follows an ‘*aggregator of aggregators*’ approach for digital skills training on a national scale, with the entire platform being hosted online to strengthen physical and digital connectivity, the existing pan-India presence & skilling capabilities of training providers (SSC NASSCOM, NIELIT, C-DAC etc.), is also leveraged. Towards this, 40 C-DAC/ NIELIT Centres are identified as Lead & Co-Lead Resource Centres (RCs) to institutionalize the blended-learning training programmes in a hub and spoke mode for the 10 emerging technologies. In FutureSkills PRIME no funds are disbursed to the Training Partners. However, incentives are available to the candidates, after they are successfully assessed and certified. The incentive mechanism is aimed at motivating the learner to successfully complete the online up-skilling/re-skilling programs. So far, 7 Lakh candidates have signed-up on the FutureSkills PRIME Portal, out of which, 1.2 Lakh candidates have completed their courses. In addition, 524 Trainers and 4292 Government Officials have been trained on these technologies by NIELIT/C-DAC Resource Centres, and around 1.3 lakh unique learners have collectively earned 8.9 lakh ‘badges’ in recognition of having completed bite-sized digital fluency content.

(c)and(d): To ensure the quality of the training, the candidates are being trained and certified in National Skill Qualification Framework (NSQF) compliant courses which are vetted by the Industries concerned and approved by the Ministry of Skill Development and Entrepreneurship (MSDE). Further, the Implementing Agencies oversee the quality of infrastructure, equipment required for training, lab etc. To improve the employment opportunity under the scheme, training is being conducted under Industry demand-based model (viz. “Train & Place”/ “Place & Train”). In case of any issue related to the quality of training, certification or employment appropriate action is prescribed to be taken by the respective State Implementing Agencies (SIAs) / NIELIT in accordance with the schemes guidelines (available at <https://esdm-skill.deity.gov.in/>).
