GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
LOK SABHA
UNSTARRED QUESTION NO - 620
ANSWERED ON – 24/07/2023

DIGITALISING INITIATIVES

620. DR. BEESETTI VENKATA SATYAVATHI:

Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:-

(a) whether it is true that despite various digitalising initiatives, less than 42 per cent of the country's youth has an understanding of basic functions on a computer;

(b) whether the Government identifies reasons for this and if so, the details thereof;

(c) the steps taken by the Government to upskill the workforce in Information Technology or computer based skills; and

(d) whether any initiatives has been taken by the Government to introduce training in highly specialised areas like artificial intelligence and automation in manufacturing and production processes in view of the changing job market and digital transformations?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI RAJEEV CHANDRASEKHAR)

(a) and (b) Sir. There is no such study available with the Ministry of Skill Development and Entrepreneurship.

(c) In order to upskill the workforce in Information Technology or computer based skills across the country, Ministry of Skill Development and Entrepreneurship (MSDE) through National Skill Development Corporation (NSDC) has facilitated the setting up of IT-ITeS Sector Skill Council, an industry led body, to develop National Skill Qualification Framework (NSQF) aligned job roles and course curriculum, conduct skill gap studies and assess and certify trainees exclusively in Information Technology.

In last 2 financial years (i.e., 2021-23), around 5.5 lakh candidates have been trained in IT sector including computer based skills and assessed by IT-ITeS SSC under various Government and Non-Government programmes such as Pradhan Mantri Kaushal Vikas Yojana, National Urban Livelihood Mission, Corporate Social Responsibility projects, etc. Some of the key courses are Data Entry Operator, Bio metric Data Entry Operator, IT Help Desk Attendant, etc.

Further, under long-term training provided through Craftsmen Training Scheme (CTS), digital skills are a mandatory part of the Employability Skills curriculum being imparted in all Industrial Training Institute (ITI) courses and all ITIs are equipped with IT labs for digital skilling. The Information Technology forms an integral part of various CTS trades. More than

one lakh candidates have been enrolled in the computer related courses in the academic session 2022.

In addition, the Directorate General of Training in collaboration with IBM (under CSR) is also conducting a 2 Year Advance Diploma (Vocational) in IT, Networking and Cloud Computing (NSQF Level-6) in National Skill Training Institutes (NSTIs) across the country for ITI students of all trades. In current session, a total of 329 students have been enrolled under this course.

(d) In order to re-skill and up-skill IT-professionals to be adept with the emerging technologies including Artificial Intelligence (AI), IT-ITeS Sector Skill Council in partnership with Ministry of Electronics and Information Technology (MeitY) has launched FutureSkills Prime (FSP) platform. A learner can seamlessly access free and paid content on all the skills of the future, virtual labs, undergo assessments and get certified on FutureSkills Prime platform in diverse range of 117 courses in the fields of AI and Big Data, Cloud Computing, Cyber Security, Internet of Things (IOT), Robotic Process Automation (RPA), BlockChain, 3D Printing etc. Chat GPT awareness courses are also available. In last 3 years (till date), around 13 lakh learners have successfully completed training modules in AI and Big Data.

Furthermore, IT-ITeS SSC has developed 55 NSQF (National Skills Qualification Framework) aligned job roles under Artificial Intelligence and Big Data Analytics, Internet of Things, Cloud Computing, Web & Mobile Development, Robotic Process Automation, IT Marketing, Block Chain and Augmented Reality & Virtual Reality.

Also, Directorate General of Training (DGT) under MSDE has signed Memorandum of Understanding (MoU) with IBM, CISCO, Quest Alliance, Microsoft, Adobe India and Systems, Applications & Products in Data Processing (SAP) for imparting short term training courses in new age technologies including Artificial Intelligence (AI) through Bharat Skills - a Central Repository for Skills, to make the trainees industry ready. Since 2019, 22.97 lakh candidates have been trained under this initiative.

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