GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
RAJYA SABHA
UNSTARRED QUESTION NO - 760
ANSWERED ON – 26/07/2023

STUDY ON IMPACT OF ARTIFICIAL INTELLIGENCE ON JOBS IN THE COUNTRY

760.   SHRI VIKRAMJIT SINGH SAHNEY:

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

(a) whether the Ministry is aware that Artificial Intelligence (AI) have potential to perform tasks of many individuals replacing them;

(b) whether Ministry is considering conducting any study which can reveal what all domains and skills can be replaced by Artificial Intelligence so that Ministry can impart those skills and domains;

(c) if so, details thereof and if not, reasons therefor;

(d) whether Ministry is considering adding AI in the skill development curriculum so that students can learn how to make optimum utilization of it; and

(e) if so, details thereof and if not, reasons therefor?

ANSWER

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

(SHRI RAJEEV CHANDRASEKHAR)

(a)   Artificial Intelligence (AI) is certainly a big kinetic enabler for the fast growing Digital Economy and will create many highly skilled opportunities.

(b) and (c)   Ministry of Electronics and Information Technology (MeitY) has constituted seven working groups to evaluate all aspects of Al ecosystem. One of the Working Group has been given mandate to prepare a roadmap for the development of the skill and talent for AI to enable skilling, reskilling and upskilling and to create globally competitive talent in India.

(d) and (e) In order to upskill the workforce in Information Technology 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 and other emerging technologies including AI.

        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, BlockChain and Augmented Reality & Virtual Reality.

Also, Directorate General of Training (DGT) under MSDE has introduced NSQF compliant course through Industrial Training Institutes (ITIs) and National Skill Training Institutes (NSTIs) under Craftsmen Training Scheme (CTS) to provide basic skill training in Artificial Intelligence. The details are as under:

Name of Course	ITIs running this Trade	Trainees enrolled for 2022 session
IoT Technician (Smart Health Care) [NSQF Level-3; One year(1200 Hr.)] [Artificial Intelligence & Machine Learning]	16	104

Further, DGT 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.

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