IMPACT OF AUTOMATION AND ARTIFICIAL INTELLIGENCE ON IT JOBS

84.   SHRI BHUPENDER YADAV:

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

   (a)   whether Government has conducted any study to assess and mitigate the qualitative and quantitative extent of impact on IT jobs due to new technologies like automation and Artificial Intelligence, and

   (b)   the steps taken by Government to enhance the skill of IT workforce to improve their employability?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI ALPHONS KANNANTHANAM)

(a):   Yes, Sir.

(b):   The industry, both globally and in India, is witnessing unprecedented technology driven changes. These demand new sets of skills and are opening opportunities for newer job roles. The stakeholders covering industry, academia and Sector Skills Councils are working to ensure that the existing workforce is re-skilled/up-skilled in emerging technologies and job roles. Most companies (large, medium & small) are also implementing rigorous training programs to re-skill/up-skill their existing employees in new and emerging technologies.

In addition, various skilling/training initiatives are being taken under the aegis of MeitY to enhance the skill of IT workforce and improve its employability in the manufacturing & service sectors of electronics and IT industry. The National Institute of Electronics and Information Technology (NIELIT) and Centre for Development of Advanced Computing (C-DAC), the autonomous societies of MeitY, offer both short and long term, industry specific courses. Further, other organizations / attached offices of Meity such as ERNET India, Media Lab Asia, CSC E-Governance Services India Limited, STQC and NIC are also engaged in training of various stakeholders in small numbers.

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