GOVERNMENT OF INDIA
MINISTRY OF LABOUR AND EMPLOYMENT
LOK SABHA
UNSTARRED QUESTION NO. 3967
TO BE ANSWERED ON 18TH AUGUST, 2025

IMPACT OF AI ON EMPLOYMENT LANDSCAPE

3967.   DR. INDRA HANG SUBBA:

Will the Minister of LABOUR AND EMPLOYMENT be pleased to state:

(a)   whether the Government has any credible data on the manner in which the use of Artificial Intelligence (AI) has impacted the employment landscape of the country and if so, the details thereof;

(b)   the details of the loss of employment and new jobs created due to implementation of AI during the last five years, sector-wise;

(c)   whether the Government has conducted any study to rank the States in implementations of AI; and

(d)   if so, the details thereof, State/UT-wise?

ANSWER

MINISTER OF STATE FOR LABOUR AND EMPLOYMENT
(SUSHRI SHOBHA KARANDLAJE)

(a) to (d):   As per the NASSCOM report "Advancing India's AI skills" published on August 2024, the AI talent in India is expected to grow from 6 lakh – 6.5 lakh professionals to more than 12.50 lakh professionals by the year 2027 at a 15 percent compound annual growth rate (CAGR).

Artificial Intelligence (AI) may result in job creation in various streams like data science, data curation, etc. So far, 8.65 lakh candidates have enrolled/trained in various courses including 3.20 lakh candidates in AI/Big Data Analytics technologies. Further, Ministry of Electronics and Information Technology (MeitY) has initiated 'FutureSkills PRIME' a programme for Re-skilling/Up-skilling of IT Manpower for Employability in 10 new/emerging technologies including Artificial Intelligence. Under this programme so far, 18.56 Lakh+ candidates have signed-up on the Future Skills PRIME Portal, out of which, 3.37 Lakhs+ candidates have completed their course.

In addition, under the Scheme of Centers of Excellence for Artificial Intelligence implemented by MeitY in partnership with NASSCOM, Startups are supported for developing AI based tools and applications that are of use for manufacturing companies. Several such solutions have been deployed by companies in manufacturing sector. Besides, National e-Governance Division (NeGD), MeitY in collaboration with its partners, has implemented 'YUVAi: Youth for Unnati and Vikas with AI'- A National Programme for School Students with the objective of enabling school students from classes 8th to 12th with AI tech and social skills in an inclusive manner. The programme will provide a platform for youth to learn and apply AI skills in 8 thematic areas- Krishi, Aarogya, Shiksha, Paryavaran, Parivahan, Grameen Vikas, Smart Cities and Vidhi aur Nyaay.

Ministry of Labour and Employment, Government of India, is running the National Career Service (NCS) Portal which is a one-stop solution for providing career related services including information on jobs from private and government sectors, information on online & offline job fairs, job search & matching, career counselling, vocational guidance, information on skill development courses, skill/training programmes etc. through a digital platform [www.ncs.gov.in].

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