

**GOVERNMENT OF INDIA
MINISTRY OF LABOUR AND EMPLOYMENT
LOK SABHA
UNSTARRED QUESTION NO. 4997
TO BE ANSWERED ON 23RD MARCH, 2026**

IMPACT OF ARTIFICIAL INTELLIGENCE ON EMPLOYMENT

**4997. SHRI SANJAY UTTAMRAO DESHMUKH:
SHRI OMPRAKASH BHUPALSINH ALIAS PAVAN RAJENIMBALKAR:**

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

- (a) whether the Government has conducted any study, survey or research on the impact of Artificial intelligence (AI) and automation on employment in various sectors of the country;**
- (b) if so, the details of the findings, including areas where there is a chance of job loss or displacement, areas where AI could create new job opportunities and the estimated number of jobs to be created or put on the risk over the next 5-10 years;**
- (c) the details of the steps taken/being taken by the Government to reduce potential job losses due to AI;**
- (d) whether the Government has a plan for special skill development and reskilling the workers for AI based industries and if so, the details thereof; and**
- (e) the details of measures taken by the Government to include vulnerable sections such as women, tribal population and unorganised sector workers in AI-related training programmes?**

ANSWER

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

(a) to (e): 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. Reskilling and upskilling initiatives are being undertaken through multiple national programmes that support workforce transition, redeployment, and preparedness for emerging job roles.

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 the programme, so far, more than 27.53+ lakh candidates have registered on the portal, out of which there have been 17.24+ lakh candidates enrolled/trained in various courses.

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 provides 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.

Government is implementing Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Short-Term Training (STT) with embedded On-the-Job Training (OJT) and up-skilling and re-skilling through Recognition of Prior Learning (RPL) to equip youth with industry-relevant skills and also train them in emerging and new-age job roles.

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, online & offline job fairs, job search & matching, career counselling, vocational guidance, skill development courses, skill/training programmes etc. through a digital platform [www.ncs.gov.in].
