

GOVERNMENT OF INDIA  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2324**  
TO BE ANSWERED ON: 17.12.2021

**UNEMPLOYMENT DUE TO ARTIFICIAL INTELLIGENCE**

**2324. SMT. MAUSAM NOOR:**

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to State:

- (a) whether the Ministry has studied that the advent of Artificial Intelligence would lead to job losses, the details thereof;
- (b) how does the Ministry plan to mitigate the unemployment which may arise due to rampant use of Artificial Intelligence, the details thereof; and
- (c) whether the Ministry has prepared any draft related to regulation of Artificial Intelligence, the details thereof?

**ANSWER**

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY  
(SHRI RAJEEV CHANDRASEKHAR)

(a): Artificial Intelligence (AI) is recognized globally as a potential catalyst to expand the use and deployment of technology in our economy and technology sectors. India too is focused on developing capabilities and an ecosystem that will be kinetic enabler for the growth of our digital economy, investments, jobs. There are no reports of any potential job losses and to the contributory, AI & AI linked technology sector is expected to create new jobs and opportunities. As per NASSCOM analysis, India has over 300,000 professionals working in the area of AI, data analytics and data annotation. These professionals are building AI solutions for Indian and Global companies.

Also as per the 'National AI Strategy Paper' of NITI Aayog "A study by EY and NASCCOM found that by 2022, around 46% of the workforce will be engaged in entirely new jobs that do not exist today".

(b): Given the immense potential for the application of Artificial Intelligence, MeitY & NASSCOM have jointly initiated a programme titled FutureSkills PRIME ([www.futureskillsprime.in](http://www.futureskillsprime.in)), a B2C framework for re-skilling/ up-skilling of IT professionals in 10 new/emerging technologies including Artificial Intelligence. The programme aims to up-skill/ re-skill 4.12 Lakh IT professionals. Under the FutureSkills PRIME so far, a total of 59,704 candidates have enrolled for Foundation/Bridge/Deep-Skilling courses in Artificial Intelligence (AI), out of which, around 16804 candidates have completed the course.

In keeping with our strategic focus on growth of AI, a National Programme on Responsible Use of AI for Youth has been initiated along with Industry partner with the objective to empower the youth to

become AI ready, reduce the skill gap and to promote AI awareness among Government school children. In Phase I, 50,666 students and 2536 teachers from 2252 schools of 35 States and UTs attended orientation sessions on AI. In Phase II, 100 teams have been short listed and have undergone extensive mentoring by AI experts. In Phase-III, Top 20 students have demonstrated their solutions in the national conference.

(c): No, Sir.

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