GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
LOK SABHA
UNSTARRED QUESTION NO - 60
ANSWERED ON – 03.02.2025

USING AI FOR SKILL TRAINING OF YOUTH

60.   SHRI MAGUNTA SREENIVASULU REDDY:

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

(a)   whether the Government has undertaken any research/survey/study regarding the need for Artificial Intelligence (AI) and related new technology training for youth in the Country, if so, the details thereof;

(b)   the details of specific AI programmes launched along with the total number of youth enrolled in these programmes during the last five years in the Country, year/State-wise particularly from Andhra Pradesh including in Prakasam and Eluru districts;

(c)   the details regarding the funds allocated and utilized for AI and programmes during the last five years, State-wise especially in Andhra Pradesh; and

(d)   the details regarding the steps undertaken to ensure that training programmes are aligned with industry needs and provide employable skills for youth of the Country in the AI and tech sectors?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI JAYANT CHAUDHARY)

(a) to (d) Ministry of Skill Development and Entrepreneurship (MSDE) is implementing its flagship scheme, Pradhan Mantri Kaushal Vikas Yojana (PMKVY) since 2015 to impart skill development training through Short-Term Training (STT) and up-skilling and re-skilling through Recognition of Prior Learning (RPL). The current version of PMKVY i.e., PMKVY 4.0, focuses on imparting training in futuristic and new-age courses including AI.

Under PMKVY 4.0, as on 31st December 2024, 36,973 candidates have been enrolled in AI courses namely AI - Business Intelligence Analyst, AI - Data Architect, AI - Data Engineer, AI - Data Quality Analyst, AI - Data Scientist, AI - Database Administrator, AI - DevOps Engineer, AI - Machine Learning Engineer, AI - Solution Architect, AI & ML - Jr. Telecom Data Analyst and AI Devices Installation Operator.

The State-wise number of candidates enrolled along with corresponding fund disbursed details in AI job roles under PMKVY 4.0, as on 31.12.2024, is given at *Annexure I.* The District-wise number of candidates enrolled in AI job roles under PMKVY 4.0 in Andhra Pradesh, is given at *Annexure II.*

Further, Directorate General of Training (DGT) under MSDE in collaboration with Microsoft and Edunet Foundation has implemented the one-year Artificial Intelligence Programming Assistant (AIPA) course under Craftsmen Training Scheme (CTS) at selected 19 NSTIs with total capacity of 504 trainees from the Academic Session 2024-25. Total of 442 trainees have been admitted at these NSTIs. In addition, a 7.5-hour micro-credential course, "Introduction to Artificial Intelligence (AI)," has been developed for all CTS trainees in Industrial Training Institutes (ITIs), in collaboration with industry and academic experts.

Government of India has approved the IndiaAI Mission, aimed at formulating a comprehensive and cohesive strategy to bridge existing gaps in the AI ecosystem. The mission is built on seven key pillars, which includes the IndiaAI FutureSkills initiative, under which, Ministry of Electronics and Information Technology (MeitY) is working to expand access to graduate and post-graduate AI programs across India. FutureSkills also seeks to reduce barriers to AI education, focusing on all levels of higher education in the field.

MeitY has initiated a programme titled "FutureSkills PRIME", jointly with NASSCOM, aimed at re-skilling/ up-skilling of candidates in new/emerging technologies, including Artificial Intelligence. FutureSkills PRIME is available as an online platform for digital skills training, which is hosted at https://futureskillsprime.in/. On this platform, premium contents are made available to candidates, to facilitate anytime, anywhere learning, in line with their aptitude and aspirations. Under the programme, IT-ITeS Sector Skills Council (SSC) NASSCOM is the Key Implementing Agency. In addition, 22 C-DAC/ NIELIT Centres have been grouped as Lead & Co-Lead Resource Centres (RCs) for the 10 emerging technologies.

Under the FutureSkills PRIME programme about 20.9 lakh candidates have signed up on the FutureSkills PRIME portal, so far, a total of 8.96 Lakh enrolments have been registered in various courses including 1.13 lakh from Andhra Pradesh. Out of these, 4.34 lakh candidates have successfully completed their courses, which includes 1.68 lakh candidates who have completed training in AI and Big Data Analytics. Currently, the platform offers 157 courses in AI and Big Data Analytics. In addition, C-DAC/NIELIT Centres have trained 2,994 Government Officials and Trainers in AI under the programme.

MeitY has also collaborated with the All-India Council for Technical Education (AICTE) and META, to launch the "YuvAi initiative for Skilling and Capacity Building". This program aims to bridge the AI talent gap in the country by empowering students and young developers aged 18-30 to leverage open-source large language models (LLMs) to address real-world challenges.

To ensure that AI and tech sector training is aligned with industry needs and provides employable skills, several proactive steps have been taken. Training programmes under Government of India schemes such as the Craftsmen Training Scheme (CTS), PMKVY 4.0 and FutureSkills PRIME are developed and regularly upgraded in consultation with industry experts, academia, and state/UT representatives to meet the evolving demands for skilled manpower.

ANNEXURE REFERRED TO IN REPLY TO PART (a to d) OF LOK SABHA UNSTARRED QUESTION NO. 60 TO BE ANSWERED ON 03.02.2025

The State-wise number of candidates enrolled along with corresponding fund disbursed details in AI job roles under PMKVY 4.0, as on 31.12.2024, is given below:

State	FY-23-24			FY-24-25		
	Enrolled	Trained / Oriented	Amount disbursed (In Rs. Lakh)	Enrolled	Trained/ Oriented	Amount disbursed (In Rs. Lakh)
1. Andhra Pradesh	1,452	52	49.38	530	1,735	32.19
2. Arunachal Pradesh	30	0	0.00	0	0	0.00
3. Assam	260	0	4.49	0	214	0.00
4. Bihar	590	0	0.00	2,051	2,055	10.69
5. Gujarat	572	0	3.43	60	572	20.90
6. Haryana	1,073	0	10.50	122	884	38.45
7. Himachal Pradesh	81	0	0.00	59	104	0.00
8. Jammu And Kashmir	1,697	0	27.06	239	1,634	60.18
9. Karnataka	1,117	0	4.37	10,662	1,230	13.10
10. Kerala	244	0	7.54	230	221	0.12
11. Madhya Pradesh	1,075	0	12.74	465	796	22.99
12. Maharashtra	1,012	0	16.37	550	902	18.94
13. Odisha	758	157	1.51	178	513	12.91
14. Punjab	551	19	9.46	235	491	2.41
15. Rajasthan	1,163	30	29.48	153	966	28.40
16. Tamil Nadu	1,950	81	49.09	1,046	2,109	52.70
17. Telangana	1,653	0	37.29	1,143	1,726	24.57
18. Tripura	0	0	0.00	60	0	0.00
19. Uttar Pradesh	2,596	0	31.66	485	2,561	68.87
20. Uttarakhand	684	0	2.32	147	722	9.53
Total	**18,558**	**339**	**296.69**	**18,415**	**19,435**	**416.92**

ANNEXURE REFERRED TO IN REPLY TO PART (a to d) OF LOK SABHA UNSTARRED QUESTION NO. 60 TO BE ANSWERED ON 03.02.2025

The District-wise number of candidates enrolled in AI job roles under PMKVY 4.0 in Andhra Pradesh, as on 31.12.2024, is given below:

	FY-23-24	**FY-24-25**	**Total**
1. Anakapalli	40	40	80
2. Annamayya	49	0	49
3. East Godavari	60	0	60
4. Eluru	0	0	0
5. Krishna	164	119	283
6. Nandyal	120	0	120
7. Prakasam	0	0	0
8. Spsr Nellore	589	240	829
9. Tirupati	0	45	45
10. Visakhapatanam	290	60	350
11. Vizianagaram	140	0	140
12. Y.S.R.	0	26	26
Total	1,452	530	1,982

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