

GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2049**  
ANSWERED ON 06.08.2025

**SKILL DEVELOPMENT IN FUTURE TECHNOLOGIES AND JOB PLACEMENT**

2049. SHRI ASHOK SINGH:

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

- (a) whether the Ministry is taking any step towards developing skills of the youth in the modern skills such as Robotics, EV, Data Centre operations, Manufacturing, AI;
- (b) if so, details of steps taken so far and the number of students trained so far; and
- (c) what is the percentage of employment offers that have been received by students trained under various initiatives of the Ministry during the last three years and whether the Ministry maintains any such record, if so, details thereof?

**ANSWER**

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

(SHRI JAYANT CHAUDHARY)

**(a) & (b):** Under the Skill India Mission (SIM) , the Ministry of Skill Development and Entrepreneurship (MSDE) delivers skill, re-skill and up-skill training through an extensive network of skill development centres under various schemes, viz. Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Jan Sikhshan Sansthan (JSS), National Apprenticeship Promotion Scheme (NAPS) and Craftsman Training Scheme (CTS) through Industrial Training Institutes (ITIs), to all the sections of the society across the country. The SIM aims at enabling youth of India to get future ready and equipped with industry relevant skills, including new-age /future skills.

To align the training programs as per the market requirements in new age/ future skills AI/ML, Robotics, EVs, Data Centres, etc., MSDE has taken the following specific steps:

- (i) Under PMKVY, more than 200 new age/future skills job-roles have been specially aligned with Industry 4.0 requirements in areas like AI/ML, Robotics, EVs, Mechatronics, Drone Tech, etc. for upcoming market demand and industry requirements. Under PMKVY, 4,32,712 candidates have been trained in such new age/future skills job-roles, up to 30<sup>th</sup> June 2025.
- (ii) Under NAPS, the apprentices opportunities are available in trades pertaining to new-age /future skills. Under NAPS, 31,750 candidates have been trained by the establishments in 69 such trades for new age/future skills, up to 30th June 2025.
- (iii) Directorate General of Training (DGT) under aegis of MSDE has introduced 31 new age /future skills courses in Industrial Training Institutes (ITIs) and National Skill Training Institutes (NSTIs) under Craftsmen Training Scheme (CTS) to provide training in emerging areas such as 5G Network, AI/ML, Cyber Security , Drone Technology, etc. Under CTS, 52,882 candidates were trained in new age/future skills courses, from Session 2022 to 2024.

- (iv) DGT has signed MoUs with IT Tech companies like IBM, CISCO, Future Skill Rights Network, Amazon Web Services (AWS) and Microsoft to establish industry linkages for the institutes at the state and regional levels under CSR initiatives. These partnerships facilitate the provision of technical and professional skills training in modern technologies.
- (v) Indian Institute of Skills (IIS) established at Ahmedabad and Mumbai, in Public Private Partnership (PPP) Mode, provide training to create a pool of industry-ready workforce for Industry, equipped with cutting-edge technology and hands-on training.

(c): Amongst the schemes of MSDE, placements were tracked under the Short-Term Training component of PMKVY in the first three versions (PMKVY 1.0, PMKVY 2.0 and PMKVY 3.0) implemented from 2015-16 to 2021-22. Under PMKVY (1.0 to 3.0), 24.38 lakh candidates were reported placed across India. Under PMKVY 4.0, the focus is on empowering the trained candidates to choose their varied career path and they are suitably oriented for the same. Further, various IT tools like Skill India Digital Hub (SIDH) also gives this opportunity. MSDE has launched SIDH as a unified platform that integrates skilling, education, employment, and entrepreneurship ecosystems to provide a life-long array of services. The details of the trained candidates are available on SIDH portal for connecting with potential employers. Through SIDH, candidates can have access to jobs and apprenticeship opportunities. Further, Rozgar Melas and Pradhan Mantri National Apprenticeship Melas (PMNAMs) have been organized to facilitate the placements opportunities to the certified candidates.

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