

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
LOK SABHA
UNSTARRED QUESTION NO. 3736
ANSWERED ON 16.03.2026

ROADMAP FOR MAKING INDIA A GLOBAL SKILL HUB

3736. SMT. ROOPKUMARI CHOUDHARY:

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

- (a) whether the Government has formulated a comprehensive national roadmap to provide industry-aligned skill training to the youth in view of around 12 million new entrants joining the workforce annually and if so, the details thereof;
- (b) whether any special programmes have been launched by the Government to enhance skilling in emerging sectors such as Artificial Intelligence (AI), Data Analytics, Green Jobs, Electric Vehicles, Semiconductors, Defence Manufacturing and Advanced Manufacturing and if so, the details thereof;
- (c) the steps taken/being taken by the Government to develop internationally recognised certification systems, credit transfer mechanisms and a Global Skill Passport framework;
- (d) the details of agreements or partnerships entered into with foreign Governments and industry organisations to establish India as a Global Skill Hub; and
- (e) whether the Government has undertaken any concrete initiatives to enhance participation of States, the private sector and industry and to develop skill mapping and migration support systems for overseas employment opportunities and if so, the details thereof?

ANSWER

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

(SHRI JAYANT CHAUDHARY)

(a) & (b): Under the Government of India's 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 Shikshan 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.

To align the design and delivery of skills training as per industry requirements, MSDE has *inter-alia* taken the following steps:

- National Council for Vocational Education and Training (NCVET) has been set up as an overarching regulator establishing regulations and standards to ensure quality in the Technical and Vocational Education and Training (TVET) space. NCVET recognises the industry bodies as the Awarding Bodies (ABs) and/or Assessment Agencies (AAs).
- The Awarding Bodies are expected to develop the qualifications as per the industry demand and map them with the identified occupations as per the National Classification of Occupations, 2015 and obtain industry validations. NCVET has approved 9026

qualifications as per the industry requirements, out of which 2599 qualifications are valid and active, and 6427 qualifications are archived.

- Directorate General of Training (DGT) is implementing Flexi MoU Scheme and Dual System of Training (DST) in collaboration with industries to provide training to ITI students in real industrial environment.
- DGT has signed MoU with IT Tech companies like IBM, CISCO, Microsoft, AWS, Autodesk etc. to ensure industry linkages for the institutes at the state and regional levels. These partnerships facilitate the provision of technical and professional skills training in modern technologies.
- Under PMKVY, the new age/future skills job-roles have been specially aligned with Industry 4.0 requirements in areas like AI/ML, Robotics, Mechatronics, Drone Technology, Green Tech, Adv Manufacturing, etc. for upcoming market demand and industry requirements.
- DGT has introduced new age /future skills courses under CTS to provide training in emerging areas such as 5G Network Technician, Artificial Intelligence Programming assistant, Cyber Security Assistant, Drone Technician, Solar Technicians, etc.
- 36 Sector Skill Councils (SSCs), led by industry leaders in the respective sectors, have been set up which are mandated to identify the skill development needs of respective sectors as well as to determine skill competency standards.
- Two (02) Indian Institute of Skills (IIS) have been established at Ahmedabad and Mumbai, in Public Private Partnership (PPP) mode, with an aim to align industry-ready workforce to emerging economic opportunities.

(c) to (e): As per the G20 New Delhi Leaders' Declaration in 2023, the efforts are being undertaken to facilitate cross-country comparability and mutual recognition of skills and qualifications. Ministry of Labour and Employment and the International Labour Organization have entered into an arrangement to undertake a feasibility study relating to development of an international reference framework linking occupations with skill and qualification requirements.

Further, MSDE has also entered into cooperation arrangements with partner countries for collaboration in the field of skill development and vocational education and training. At present, MSDE has active agreements with 08 countries, namely, Australia, Denmark, France, Germany, Japan, Qatar, Singapore and UAE. These engagements provide for technical exchanges, collaborative training initiatives, sharing of best practices and efforts towards recognition of skills and qualifications, with a view to enhancing employment opportunities for the Indian workforce in domestic as well as international labour markets. MSDE is an important stakeholder in the Migration and Mobility Partnership Agreements signed by the Ministry of External Affairs. MSDE also engages with State Governments from time to time in facilitating skilled mobility initiatives under bilateral arrangements.

MSDE has also established 07 Skill India International Centres (SIIC) at Bengaluru, Bhubaneswar, Guwahati, Hyderabad, Kanpur, Ludhiana and Varanasi, to prepare Indian youth for overseas employment opportunities. These centres aim to provide internationally aligned domain skill training, language training and pre-departure orientation to support safe and informed migration of skilled workers.

In addition, Pre-Departure Orientation Training (PDOT) under the Pravasi Kaushal Vikas Yojana (PKVY) of the Ministry of External Affairs is imparted at these centres to orient candidates on language familiarization, cultural aspects of destination countries, labour laws, and safe migration practices.
