

GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 3644**  
ANSWERED ON 02.04.2025

**LACK OF SKILLED WORKERS**

3644. SHRI C.VE. SHANMUGAM:

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

- (a) whether it is a fact that the manufacturing industry is facing difficulties due to lack of skilled workers in the country;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether Government has formulated any policy for imparting skill development training so that trained manpower will be available to the manufacturing industries; and
- (d) if so, the details thereof, and, if not, the reasons therefor?

**ANSWER**

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

(SHRI JAYANT CHAUDHARY)

(a) to (b): As per the latest Period Labour Force Survey (PLFS 2023-24) estimates, percentage of persons in the age of 15-59 years who received vocational/technical training formally and informally are 4.1% and 30.6 % respectively, as compared to 2.0% and 6.1% respectively as per PLFS (2017-18).

(c) to (d): Under 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/institutes etc. 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), across the country in various sectors including manufacturing.

National Skill Development Corporation (NSDC) under the aegis of Ministry of Skill Development and Entrepreneurship has formed 36 Sector Skill Councils (SSCs) which are industry led bodies. The SSCs catering to the needs of manufacturing sectors inter-alia include the skill councils for the sectors like Aerospace and Aviation, Apparels and Made-ups, Automotive, Capital Goods, Electronics, Food Industry, Furniture & Fittings, Iron and Steel, Gems and Jewellery, Power, Logistics, and Telecom. These skill councils inter-alia carry out assessment of requirements of skilled manpower for their respective sectors, create occupational standards, and develop competency framework as per requirements of the industry.

Further, to impart the skill development training to cater to the manufacturing sector, MSDE has taken the following measures:

- a. Under PMKVY 4.0, there are more than 800 job roles related to manufacturing including approx 200 futuristic/new age job roles pertaining to industry 4.0. These job roles are designed to meet the demand for skilled workers in sectors such as automotive, aerospace, agriculture, apparel, capital goods, construction, electronics, and general manufacturing, addressing the need for a workforce capable of operating modern machinery, ensuring quality standards, and enhancing production efficiency.
- b. Out of 33.5 lakh apprentice engaged under NAPS, 14.6 Lakh apprentices were engaged in manufacturing establishments.
- c. Industrial Training Institutes (ITIs) continues to be backbone of long-term skilling in India. During 2023-24 session of ITIs, 12.12 lakh candidates were enrolled in 88 Engineering Trades which primarily caters to manufacturing sector.
- d. DGT under the aegis of MSDE has introduced 31 new age/ future skills courses in ITIs and National Skill Training Institutes (NSTIs) under CTS to provide training in emerging areas such as robotics/automation, additive manufacturing, AI/ML, Internet of Things etc.
- e. Directorate General of Training (DGT) under aegis of MSDE implements Dual System of Training (DST) which provides for advanced practical training in real industry environment as part of regular training duration of specific trade, which strengthens industry connect.
- f. DGT also implements Flexi MoUs scheme which allows Industry Partners to train candidates as per their skill set requirements and provides trainees with an industry environment aligned with the market demand and latest technology
- g. Government has also announced scheme for Up-gradation of 1000 ITIs in Hub and Spoke model and strengthening of five (05) NSTIs as well as setting up of Centres of Excellence for Skilling, with global expertise, to equip the youth with the skills required for "Make for India, Make for the World".

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