

GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 1077**  
ANSWERED ON 04.12.2024

**DEMAND FOR SKILLED LABOR IN TECHNOLOGY AND MANUFACTURING  
SECTORS**

1077. SHRI G.C. CHANDRASHEKHAR:

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

- (a) whether the Ministry has introduced new training programs in Karnataka to boost digital and technical skills among the youth;
- (b) if so, the details of specific skills and sectors targeted, including collaborations with Karnataka-based tech firms; and
- (c) whether there are plans to expand rural access to skill development centres across Karnataka to reduce regional disparities in employment opportunities?

**ANSWER**

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

(SHRI JAYANT CHAUDHARY)

(a) to (b) The Ministry of Skill Development and Entrepreneurship (MSDE) has introduced new courses across India including the State of Karnataka under PMKVY 4.0 to enhance digital and technical skills among youth. These courses are aligned with requirements of Industry 4.0 technologies, focusing on the growing demand for skilled labor in the technology and manufacturing sectors. The targeted skills include Artificial Intelligence (AI), IoT, Robotics, Blockchain and Cloud Computing, precision manufacturing and automation for manufacturing. Further, IT-ITeS Sector Skill Council (Nasscom) as part of Future Skills Prime (FSP) has engaged with academia and other institutions (mostly from large IT players including OEMs like Cisco, Adobe, Accenture etc) in the state of Karnataka thereby achieving a traction of 56000+ course enrollments of which 24000+ have successfully completed their course in emerging technologies. Under Craftsmen Training Scheme (CTS) of Directorate General of Training, MSDE, vocational training is being imparted in 166 National Skill Qualification Framework-compliant trades, which includes 29 new-age skill courses such as Drones, AI, Mechatronics, Internet of Things, Cybersecurity and Semiconductors.

In addition, the Government of Karnataka has also introduced a new initiative called Nipuna Karnataka skilling scheme, a program to equip the state's youth with industry-relevant skills. The scheme aims to help the youth transition into the workforce, especially in the state's IT sector.

(c) 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/ institutes under various schemes, viz. Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Jan Sikshan Sansthan (JSS), National Apprenticeship Promotion Scheme (NAPS) and Craftsman Training Scheme (CTS) through Industrial Training Institutes (ITIs), spread across the country, including the rural areas of Karnataka. The SIM aims at enabling youth of India to get future ready, equipped with industry relevant skills. Under these

schemes, Training Centres (TCs) are set up on need base to impart the training across the country.

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