

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
RAJYA SABHA
UNSTARRED QUESTION NO. 3160
ANSWERED ON 20.08.2025

SKILL DEVELOPMENT AND LOCAL EMPLOYMENT

3160 SMT. GEETA ALIAS CHANDRAPRABHA:

Will the MINISTER OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:

- (a) the progress of the Purvodaya initiative for green hydrogen production and energy transition, including the establishment of training centres and skill development hubs;
- (b) the integration of training programs with ITIs in Uttar Pradesh and the outcomes achieved, including increased enrollment in technical courses, enhanced employability of local youth and collaboration with industry partners to provide hands-on training and job placement support; and
- (c) the establishment of training centres and skill development hubs in or near Auraiya-Etawah, the integration of these programs with ITI Auraiya under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0 and the provision of employment opportunities for local OBC youth?

ANSWER

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

(SHRI JAYANT CHAUDHARY)

(a): Formulation of a plan for all round development of eastern region was announced in the Union Budget 2024-25, which also covered human resource development. 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 including eastern region. The SIM aims at enabling youth of India to get future ready and equipped with industry relevant skills, including green skills.

Under Pradhan Mantri Kaushal Vikas Yojana (PMKVY), green job-oriented training has been conducted in various districts of Uttar Pradesh including its Auraiya and Etawah districts. List of Green Job Roles under various schemes of MSDE are at **Annexure**. Under PMKVY, 5,11,068 candidates has been trained in 'Green Jobs' sector up to 30th June 2025. Under NAPS, 8,135 apprentices have been engaged across India in courses aligned with Green Skilling, since 2018-19 up to 31st May 2025.

Skill Council for Green jobs (SCGJ) has developed 58 qualifications approved by National Council for Vocational Education and Training (NCVET) in the Green Skilling. The qualifications cover the trades like "Solar PV", Green Hydrogen, Agri PV, Waste Management, Bio Energy, GHG accounting etc. SCGJ has reported training approx 6.63 lakh candidates under Green Skills tracks. These trainings are carried out under various government schemes like PMKVY of MSDE, Suryamitra Skill Development Program of Ministry of New and Renewable Energy, various state missions & industry supported programs.

Schemes of MSDE are demand driven and training centres under these schemes are set up or engaged on need basis. Details of the training centres engaged under the schemes of MSDE in India and its Purvodaya region (States of Andhra Pradesh, Bihar, Jharkhand, Odisha, and West Bengal) are as under:

	PMKVY 4.0 Centres (STT+SP)*	JSS Centres	NAPS Establishments	ITIs
Pan India	12,838	289	51,895	14,615
Andhra Pradesh	370	06	1206	519
Bihar	537	21	623	1,369
Jharkhand	206	13	465	346
Odisha	239	29	768	500
West Bengal	250	08	1444	307

* Short-Term Training (STT) and Special Projects (SP)

(b) & (c): Schemes of MSDE are demand driven and training centres under these schemes are set up or engaged on need basis. Under PMKVY 4.0, the short term skill training is provided through skill development centres including ITIs. Details of total skill development centres in the state of Uttar Pradesh and its Auraiya and Etawah districts are given as under:

	No. of PMKVY centres	No. of PMKVY centres located in ITIs
Uttar Pradesh	2,588	1,158
Auraiya	18	07
Etawah	20	08

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), 3.38 lakh candidates (including 1,65,458 OBC candidates) were reported placed in the state of Uttar Pradesh. 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 Skill India Digital Hub (SIDH) 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.

For enhancing the skill development capabilities, a balanced approach is taken by fostering partnerships with international corporations as well as the domestic enterprises. These collaborations introduce best practices for strengthening skilling ecosystems. Sector Skill Councils and District Skill Committees also engage with local industries to address regional skill gaps.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF RAJYA SABHA UNSTARRED QUESTION NO. 3160 ANSWERED ON 20.08.2025 REGARDING 'SKILL DEVELOPMENT AND LOCAL EMPLOYMENT'

List of 'Green Job Roles' under PMKVY

Green Hydrogen Plant Entrepreneur
Green Hydrogen Plant Junior Technician - Power Sources
Green Hydrogen Plant Junior Technician (Desalination)
Green Hydrogen Plant Junior Technician- Storage
Green Hydrogen Plant Junior Technician-Electrolyzer
Green Hydrogen Plant Technician
Rooftop Solar Grid Engineer
Small Hydro Power Plant Technician-(Jal Urja Mitra)
Solar Lighting Assembler (Home Lighting System/ Street Lights)
Solar Photovoltaic Entrepreneur
Solar Proposal Evaluation Specialist
Solar PV Business Development Executive
Solar PV Designer
Solar PV Engineer (Option: Solar Water Pumping System)
Solar PV Installation Helper
Solar PV Installer - Civil
Solar PV Installer - Electrical
Solar PV Installer (Suryamitra)
Solar PV Maintenance Technician - Electrical (Ground Mount)
Solar PV Manufacturing Technician
Solar PV Project Helper
Solar PV Project Manager (E&C)
Waste Picker
Agri-residue Aggregator

List of 'Green Job Roles' under NAPS

Solar PV Project Helper
Solar Technician (Electrical)
Solar PV Manufacturing Operator
Solar PV Cell Manufacturing Technician
Solar Lighting Assembler
Solar PV Installer (Suryamitra)
Solar PV Installer- Electrical
Solar PV Business Development Executive
Solar PV Maintenance Technician- Electrical (Ground Mount)
Solar PV Installer- Civil
Wind Power Plant Technician (Electrical)
Facility Cleaning Professional
Waste Water Treatment Plant- Technician