

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
RAJYA SABHA
UNSTARRED QUESTION NO. 445
ANSWERED ON 23.07.2025

GREEN SKILLING INITIATIVES FOR CLIMATE-RESILIENT LIVELIHOODS

445 SMT. GEETA ALIAS CHANDRAPRABHA:

Will the Minister of Skill Development and Entrepreneurship be pleased to state:

- (a) whether Government has introduced any 'green skilling' initiatives focused on sustainable practices in climate-vulnerable districts like Chitrakoot, Devipatan, and Auraiya;
- (b) if so, the list of trades covered (e.g., organic farming, water conservation, solar maintenance);
- (c) whether partnerships have been formed with Civil Society Organisations (CSOs), local industries, or Panchayats to implement these modules; and
- (d) the number of youth trained, certified, and employed under green skills tracks as of May 2025?

ANSWER

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

(SHRI JAYANT CHAUDHARY)

(a) to (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 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, including green skills.

Under Pradhan Mantri Kaushal Vikas Yojana (PMKVY), green job-oriented training has been conducted in various districts, including Chitrakoot, Devipatan, and Auraiya. PMKVY implementation in these regions is supported by partnerships with local training providers, community-based organisations, and government institutions, helping ensure reach and contextual alignment.

List of Green Job Roles under PMKVY and NAPS are at **Annexure**.

(d): Under PMKVY, details of candidates trained/oriented, certified and reported placed under PMKVY in 'Green Jobs' sector up to 30th June 2025 are as under:

	Trained/ Oriented	Certified	Reported placed *
Pan India	5,11,068	4,74,336	18,248
Auraiya.	270	261	-
Chitrakoot	603	582	-
Devipatan	2,789	2,268	477

*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 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.

Under NAPS, 8,135 apprentices have been engaged across India in courses aligned with Green Skilling, since 2018-19 up to 31st May 2025.

National Skill Development Corporation (NSDC) under the aegis of MSDE has set up Skill Council for Green Jobs (SCGJ) led by industry leaders which is mandated to identify the skill development needs of the sector as well as to determine skill competency standards. Skill Council for Green jobs 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 Pradhan Mantri Kaushal Vikas Yojana (PMKVY) of MSDE, “Suryamitra Skill Development Program” of Ministry of New and Renewable Energy, etc. and various state missions & industry supported programs.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) to (c) OF RAJYA SABHA UNSTARRED QUESTION NO. 445 ANSWERED ON 23.07.2025 REGARDING ‘GREEN SKILLING INITIATIVES FOR CLIMATE-RESILIENT LIVELIHOOD’

List of ‘Green Job Roles’ under PMKY

Agri-residue Aggregator
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

List of ‘Green Job Roles’ under NAPS

Facility Cleaning Professional
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
Waste Water Treatment Plant- Technician
Wind Power Plant Technician (Electrical)
