

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
RAJYA SABHA
UNSTARRED QUESTION NO - 4266
ANSWERED ON – 01.04.2026

IMPLEMENTATION PROGRESS AND EMERGING SKILL INTEGRATION UNDER PMKVY 4.0

4266. #SHRI MOKARIYA RAMBHAI:
SMT. SANGEETA YADAV:

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

- (a) the present status of implementation of Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0, including number of candidates trained, sectoral coverage and geographical spread;
- (b) details of integration of customised and future-skill job roles in emerging domains within the scheme framework;
- (c) details of institutional ecosystem supporting PMKVY 4.0, including Skill Hubs and participation of higher educational institutions, along with fund utilisation details;
- (d) whether convergence with other national flagship programmes has been operationalised to align skilling with sectoral priorities; and
- (e) if so, the details thereof?

ANSWER

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

(SHRI JAYANT CHAUDHARY)

(a) The PMKVY 4.0 has been implemented across the country covering 36 sectors such as Agriculture, Apparel, Automotive, Beauty and Wellness, BFSI, Capital Goods, Construction, Electronics and Hardware, Food Processing, Furniture and Fittings, Gems and Jewellery, Green Jobs, Healthcare, Hydrocarbon, Iron and Steel, IT-ITeS, Leather, Life Sciences, Power, Rubber, Sports, Telecom, Textiles and Handlooms, Tourism & Hospitality, etc.

State/UT-wise candidates trained/ oriented and certified under PMKVY 4.0, till 31.12.2025, is at *Annexure-I*.

(b) Under PMKVY 4.0, details of customised and future-skill job roles introduced in emerging domains such as Industry 4.0, artificial intelligence, drones, green energy and semiconductor manufacturing is at *Annexure-II*.

(c) The details of institutional ecosystem supporting PMKVY 4.0 is as under:

- **Policy & Governance:** Led by the Ministry of Skill Development and Entrepreneurship (MSDE), which provides overall direction and funding.
- **Implementation:** Managed by the National Skill Development Corporation (NSDC)
- **Industry Interface:** Sector Skill Councils (SSCs) and other Awarding Bodies design standards, develop curriculum, and facilitate certification aligned with industry needs.
- **Training Network:** Delivered through Institutes of Central Ministries/Departments, PSUs, State Skill Development Missions, Industries, Industry Associations, ITIs, Polytechnics, Higher Education Institutions, Training Providers, Pradhan Mantri Kaushal Kendras (PMKKs), etc.
- **Digital & Quality Systems:** Skill India Digital Hub, stringent monitoring mechanism and NSQF-based certification ensure transparency and quality.

PMKVY 4.0 is a demand driven scheme, wherein training centres are accredited/ affiliated based on the proposals submitted by the Project Implementing Agencies, after taking the skill gap into account. Under the Scheme, more than 15,000 training centres including higher educational institutions were accredited/ affiliated for imparting project based skilling. As on 31.12.2025, ₹2549.90Cr. has been utilized for imparting skilling under PMKVY 4.0.

(d) & (e) The Ministry of Skill Development and Entrepreneurship (MSDE) ensures convergence of skilling efforts across multiple Ministries/Departments through a Whole-of-Government approach, ensuring better and more effective implementation of skill development programs. By providing skill training to adolescent girls and sanitation workers, MSDE focuses on empowering the country's vulnerable groups. For providing skilling in the border villages of the country, the Ministry is working closely with Ministry of Home Affairs for the development of these geographically challenging areas. Moreover, MSDE is actively collaborating with various Ministries and Departments to align skilling initiatives with national priorities and the specific skill requirements of different government schemes. The details are as under:

S. No.	Ministry / Department	Scheme / Initiative	Candidates Trained / Status
1	M/o Small & Medium Enterprises	PM Vishwakarma	23.97 lakh
2	M/o New and Renewable Energy	National Green Hydrogen Mission (NGHM)	7,884
		PM Surya Ghar: Muft Bijli Yojana (PMSGMBY)	62,000 (DGT) + 13,000 vendors trained (NIESBUD entrepreneurship training)
4	M/o Women & Child Development	NAVYA scheme	Target: 3,850
5	M/o Jal Shakti	Nal Jal Mitra Programme (NJMP)	Target: 1,800
6	M/o Environment, Forest & Climate Change	India Cooling Action Plan	Trained: 20,109
7	D/o Food & Public Distribution	FPS Owner Upskilling	Target: 3,000
8	M/o Tribal Affairs	PM-JANMAN	Trained: 40,000+
9	M/o Social Justice & Empowerment	NAMASTE Scheme	Target: 7,749
10	Culture (M/oC) / National Archives of India	Digitization of Archives	Target: 2,000
11	M/o Home Affairs	Vibrant Village Programme	Target: 1,750
12	M/o Electronics & IT	AI Mission & Semiconductor Mission	Trained: 37,000+ in AI; 13,900 in Semiconductor roles
13	M/o DoNER / NEC	IT-ITeS skilling for NE Region	Target: 140
14	DoSEL&DoHE (M/o Education)	NEP 2020 alignment	4.30 lakh trained across 3,300+ institutes
15	M/o Defence	Upskilling, reskilling of army Veterans, dependents & widows (DIAV)	Trained: 70,345
		Hindustan Aeronautics Limited	Trained: 650
		Agniveer – Flexi MoU Scheme	1.2 lakh Agniveers enrolled

ANNEXURE REFERRED TO IN REPLY TO PART (A) OF RAJYA SABHA UNSTARRED QUESTION NO. 4266 ANSWERED ON 01.04.2026

Under PMKVY 4.0, State/UT-wise details of candidates trained/oriented till 31.12.2025 are as under:

State/ UT	Trained / Oriented
Andaman and Nicobar Islands	1,587
Andhra Pradesh	70,672
Arunachal Pradesh	14,331
Assam	1,18,932
Bihar	1,27,445
Chandigarh	1,095
Chhattisgarh	25,178
Delhi	25,155
Goa	419
Gujarat	60,559
Haryana	1,11,575
Himachal Pradesh	27,933
Jammu And Kashmir	1,18,677
Jharkhand	39,950
Karnataka	88,506
Kerala	20,262
Ladakh	757
Lakshadweep	120
Madhya Pradesh	3,07,931
Maharashtra	1,15,231
Manipur	24,634
Meghalaya	11,012
Mizoram	11,881
Nagaland	11,713
Odisha	49,235
Puducherry	5,270
Punjab	1,28,616
Rajasthan	3,14,244
Sikkim	5,676
Tamil Nadu	1,30,056
Telangana	42,228
Dadra and Nagar Haveli & Daman and Diu	1,708
Tripura	20,636
Uttar Pradesh	5,62,007
Uttarakhand	49,234
West Bengal	65,519
Total	27,09,984

ANNEXURE REFERRED TO IN REPLY TO PART (B) OF RAJYA SABHA UNSTARRED QUESTION NO. 4266 ANSWERED ON 01.04.2026

Under PMKVY 4.0, details of customised and future-skill job roles introduced in emerging domains such as Industry 4.0, artificial intelligence, drones, green energy and semiconductor manufacturing are as under:

Customized Job Role:

Sector Name	Job Role Name
Agriculture	Backyard Poultry Farmer
	Garden Keeper
	Honey bee Farmer
	Small Dairy Farmer
	Small Mushroom Grower
	Small Organic Cultivator
Automotive	Automotive Assembler
	Automotive Machining Aide
	Automotive Machinist
	Jr Operator- Automotive Quality Control
Beauty and Wellness	Bridal Makeup Artist
	Trainee - Beautician
	Trainee - Cosmetology
	Trainee - Hair Dressing
Construction	Trainee - Pedicurist
	Associate Electrician
	Associate Bar Bender and Steel Fixer
	Associate construction Fitter
	Associate Construction Painter & Decorator
	Associate Electrician-Aide
Electronics and Hardware	Associate Mason
	Surveyor-Aide
	Assistant Technician- Air Conditioner
	Assistant Technician- CCTV
	Assistant Technician- Computer Hardware
	Assistant Technician DTH Service
	Assistant Technician- Home Appliances
	Assistant Technician LED Repair
	Assistant Technician- Networking & Storage
	Assistant Technician- Smartphone Hardware
Assistant Technician- Solar Panel Installation	
Food Processing	Store Assistant
	Baking Assistant
	Fish and Sea food Processor
	Food Packer
	Food Product Handler
Healthcare	Fruits and Vegetable Processing Operator
IT-ITeS	Healthcare Hygiene and Housekeeping Aide
	Associate Data Entry Operator
	Associate Desktop Publishing
	IT Sales Tele caller- Voice & Non- Voice
	Media Content Developer
Logistics	Software Developer Associate
	Cargo Booking Clerk
	Consignment Delivery Executive.
	Documentation Specialist - Transportation
	Inventory Controller

	Packing Specialist.
Media and Entertainment	Animation Associate - 3D
	Camera and accessories handler
	Graphics Design Associate
	Social Media Associate
	Storyboard Assistant
Telecom	Assistant Technician (Wireless)
	Assistant Technician(Fiber Connect)
	Field Sales Representative
	Handset Repair Associate
	In Shop Promoter
	Internet Support Technician
	Junior Executive (Call Center)
	Telecom Service Provider
Tourism & Hospitality	Counter Sales Associate-Tourism and Hospitality
	Food & Beverage Service Trainee
	Front Office Assistant
	Guest Service Associate- Food & Beverage Service
	Housekeeping Attendant
	Pastry/Bakery Assistant
	Trainee Chef

Future Skills Job Role:

Aerospace and Aviation	Aerospace Composite Technician
	Drone Operator - Multi Rotor
Agriculture	Agriculture Extension Service Provider
	Basics of Agri Commodity Market
	Hydroponics Technician
	Kisan Drone Operator
	Micro Irrigation Technician
	Price Risk Management in Agri Commodities for FPO
	Solar Pump Technician
Automotive	Automotive Additive Manufacturing Operator
	Automotive Additive Manufacturing Technician
	Automotive Automation and Robotics Engineer
	Automotive IIOT Application Engineer
	Automotive IIOT Application Technician
	Electric Vehicle Assembly Operator
	Electric Vehicle Assembly Technician
	Electric Vehicle Maintenance Technician
	Electric Vehicle Product Design Engineer
	Electric Vehicle Quality Control Inspector
	Electric Vehicle Service Lead Technician
	Electric Vehicle Service Technician
Electric Vehicle Test Engineer	
Electronics and Hardware	Battery System Assembly Operator
	Battery System Design Engineer
	Battery System Repair Technician
	Drone Manufacturing and Assembly Technician
	Electrical Assembly Operator - Control Panel
	Electronic Hardware Assembly Operator
	Electronics Machine Maintenance Executive
	Embedded Full-Stack IoT Analyst
	Embedded Product Design Engineer-Technical Lead
	Embedded Software Engineer
	HVAC Technician
Internet of Things (IoT) Assistant	

	Internet of Things (IoT) Developer
	IoT Hardware Analyst
	Mechanical Fitter Electronics
	Mechatronics Designer and System Integrator
	Motor & Controller Repairing Technician
	Motor and Controller Design Engineer
	Solar LED Technician
	Solar Panel Installation Technician
	Welding Operator Electronics
	Winding Operator
Furniture and Fittings	Assistant Carpenter
	Assistant Interior Designer
	Draughtsperson (Interior Design)
Gems and Jewellery	Jewellery designer - CAD
Green Jobs	Green Hydrogen Plant Entrepreneur
	Green Hydrogen Plant Junior Technician- Storage
	Green Hydrogen Plant Technician
	O&M Electrical & Instrumentation Technician- Wind Power Plant
	Rooftop Solar Grid Engineer
	Small Hydro Power Plant Technician-(Jal UrjaMitra)
	Solar EV Charging Entrepreneur
	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 Manufacturing Technician
	Solar PV Project Manager (E&C)
Healthcare	Genetic Counselor
	Geriatric Caregiver (Institutional & Home Care)
	Medical Equipment Assistant (Basic Clinical Equipment)
	Telehealth Services Coordinator
	Transplant Coordinator
Hydrocarbon	Advance Course on Green Hydrogen
	Concepts of Green Hydrogen
	Green Hydrogen Plant Supervisor
Information Technology	Cyber Security Assistant
	Cyber Security Associate
IT-ITeS	3D Printing Modelling Engineer
	AI - Business Intelligence Analyst
	AI - Data Architect
	AI - Data Engineer
	AI - Data Quality Analyst
	AI - Data Scientist
	AI - Database Administrator
	AI - DevOps Engineer
	AI - Machine Learning Engineer
	AI - Solution Architect
	Analyst Application Security
	Analyst Security Operations Centre
	Application Architect - Web & Mobile
	Application Developer - Web & Mobile
	AR/VR Architect
	AR/VR Consultant
	AR/VR Infrastructure Engineer
	AR/VR Support Analyst
	Blockchain App Developer

	Blockchain Architect
	Cloud Administrator
	Cloud Application Developer
	Cloud Computing with AWS and Azure
	Cloud Consultant
	Cloud Infrastructure Analyst
	Cloud Security Analyst
	Consultant Network Security
	Data Annotator
	Information Security Specialist
	IoT - Domain Specialist
	IoT - Network Specialist
	IoT - Product Manager
	IoT - Security Specialist
	IoT - Software Analyst
	IoT - Solution Architect
	IoT - Test Analyst
	Mobile Device Management Analyst
	Product Manager - Web & Mobile
	Security Analyst
	Software Vulnerability/Penetration Tester
	User Experience Designer
Life Sciences	Bioinformatics Scientist
	Pharmacovigilance Case- Processing (Incidents /adverse event using software including AI tools)
	Specialist- Quality Assurance (Pharma, Biological Products and Medical Devices)
Logistics	Data Feeder - Warehouse
	Functional Analyst - WMS
	Land Transportation Executive
	Packaging Designer
	Supply Chain Associate
	Supply Chain Executive
	Warehouse Associate
	Warehouse Manager
	Warehouse Supervisor
Media and Entertainment	3D Printing Operator
	Technical artist -AR-VR
Rubber	Designer - Plastic Product including toys
Telecom	AI & ML - Jr. Telecom Data Analyst
	AI Devices Installation Operator
	Information and Communication Technology (ICT) Engineer - 5G Networks
	Infrastructure Technician - 5G Networks
	IoT Installation Solution Architect
	IoT Technical Service Operator
	Machine Learning (ML) Engineer
	Project Engineer - 5G Networks
	Technician 5G - Active Network Installation
	Telecom E-Waste Handler
	Telecom Rigger - 5G and Legacy Networks
	Telecom Technician - IoT Devices/Systems
	Wireless Technician
Tourism & Hospitality	Food Styling Photographer
	Walk Tour Facilitator
