

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
LOK SABHA
UNSTARRED QUESTION NO. 4862
ANSWERED ON 23.03.2026

FUTURE-ORIENTED SKILL TRAINING

4862. SHRI MANOJ KUMAR:

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

- (a) the initiatives taken by the Government to develop skills in emerging sectors such as Hotel, Hospitality, Tourism, Food Processing, Health sector, Automobile, Leather, Computer hardware and software, IT, Textile, Petrochemicals, Artificial Intelligence (AI), Robotics, and Green Technology, State/UTs-wise, particularly in Bihar including Rohtas and Kaimur districts of Sasaram Lok Sabha Constituency;
- (b) the total funds allocated, incurred and number of beneficiaries selected/to be selected for future-oriented skill training programmes during the last five years and the current year, State/UT- wise, including the said districts;
- (c) the details of collaboration with industry and research bodies for curriculum development; and
- (d) the details of plans of the Government to reskill and upskill the existing workforce to meet evolving market demands, States/UTs-wise, particularly in Bihar?

ANSWER

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

(SHRI JAYANT CHAUDHARY)

(a) to (d) : 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 Bihar. The SIM aims at enabling youth of India to get future ready and equipped with industry relevant skills in emerging sectors such as Hotel, Hospitality, Tourism, Food Processing, Health sector, Automobile, Leather, Computer hardware and software, IT, Textile, Petrochemicals, Artificial Intelligence (AI), Robotics, and Green Technology.

There is no separate budget allocation for the future-oriented skill training programs. Funds under PMKVY are released to implementing agencies for meeting the training cost as per prescribed norms for skill training including future skills. Under JSS scheme, funds are released to Non-Governmental Organizations (NGOs) directly. Under NAPS, stipend support up to Rs 1500/- per month is released to apprentices through DBT and not to establishments covered. Day to day administration as well as financial control in respect of ITIs lies with the respective State Government/ UT Administration. The State/UT wise number of candidates trained under major schemes of MSDE (including districts of Rohtas and Kaimur of Bihar), are given at **Annexure**.

District Skill Committees (DSCs) have been established across all States/UTs to prepare District Skill Development Plans (DSDPs) for decentralized, grassroots-level skill planning. These plans aimed at addressing identified skill gaps across sectors, map local employment

opportunities, skill demand, and training infrastructure to guide government skill programmes. As part of this initiative, DSDPs have been formulated for Rohtas and Kaimur districts of Bihar, identifying district-specific job roles and training infrastructure needs.

In order to meet skilling requirement for future workforce, improve the quality of skilling, to align the training programs to market needs and improve the employability of trainees, following specific steps have been taken by Ministry of Skill Development and Entrepreneurship (MSDE):

- i. Sector Skill Councils (SSCs), led by industry experts, conduct skill gap studies and set competency standards aligned with industry needs. Further, under SANKALP, the National Skill Gap Study by NCAER provides a standardized, data-driven assessment of skill gaps across high-growth sectors, supporting MSDE in aligning skilling initiatives with future workforce requirements.
- ii. The training programs offered under the schemes of MSDE are developed in collaboration with industries, keeping in view market demands.
- iii. Future ready job-roles addressing the requirement of Industry 4.0, emerging sectors like Drone, Artificial Intelligence (AI), Robotics, Mechatronics, etc., have been prioritized under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0. Also, Under Craftsmen Training Scheme (CTS) in ITIs, new age courses have been developed to meet the demand of futuristic job roles in emerging technologies.
- iv. The National Council for Vocational Education and Training (NCVET) has been set up as an overarching regulator establishing regulations and standards to ensure quality in the Technical and Vocational Education and Training (TVET) space. The Awarding Bodies recognized by NCVET are required to develop the qualifications as per the industry demand and obtain industry validations.
- v. Directorate General of Training (DGT) is strengthening industry-linked training for ITI students through the Flexi MoU Scheme and Dual System of Training, and by partnering with leading tech companies like IBM, CISCO, Future Skill Rights Network, AWS, and Microsoft under CSR initiatives to enhance industry exposure and relevant skill development.
- vi. Courses aligned to National Skills Qualification Framework (NSQF) also have components of On Job Training (OJT) and employability skills.
- vii. Under NAPS, apprenticeship training and increasing engagement with industrial establishments for undertaking apprenticeship programs is promoted.
- viii. Trainings of Trainers through National Skill Training Institutes (NSTIs) and Institutes of Training of Trainers (IToTs).
- ix. Skill India Digital Hub (SIDH) Portal has been established as a unified digital platform for skilling, certification, employment linkages and entrepreneurship ecosystems integrating services such as training enrolment, digital certification, and job matching through the National Career Service.
- x. The Pradhan Mantri Skilling and Employability through Upgraded ITIs (PM SETU) scheme focuses on upgradation of 1,000 ITIs through a Hub (200)–Spoke (800) model.
- xi. Under Skilling for AI Readiness (SOAR) initiative of MSDE, short, modular AI learning courses have been introduced to build foundational awareness and application-oriented understanding of Artificial Intelligence among learners and youth. In addition, SOAR courses have been developed and delivered in collaboration with industry partners such as HCLTech, Microsoft and NASSCOM, ensuring industry-relevant learning content and nationwide access through the Skill India Digital Hub (SIDH). Other than this, at present, 54 courses related to Automation & Robotic Processing and 116 courses related to Artificial Intelligence/Machine Learning are NSQF-aligned and approved by the National Skills Qualifications Committee (NSQC) offered by NCVET recognised Awarding Bodies.

ANNEXURE REFERRED TO IN REPLY TO PART (a) to (d) OF LOK SABHA UNSTARRED QUESTION NO. 4862 ANSWERED ON 23.03.2026 REGARDING “FUTURE-ORIENTED SKILL TRAINING”

State/UT-wise number of candidates trained/oriented in future skill job roles under major schemes of MSDE during 2022-23 to 2025-26 (till 31.12.2025):

S. No.	State /UTs	Candidates trained/oriented		
		PMKVY	NAPS (Apprentices engaged)	CTS (Candidates enrolled)
1.	Andaman And Nicobar Islands	30	-	112
2.	Andhra Pradesh	8,596	14	5
3.	Arunachal Pradesh	1,441	-	21
4.	Assam	6,879	-	305
5.	Bihar	30,317	24	1,335
6.	Chandigarh	19	3	116
7.	Chhattisgarh	3,088	-	379
8.	Delhi	2,107	90	509
9.	Goa	-	6	148
10.	Gujarat	7,072	1870	863
11.	Haryana	15,352	260	396
12.	Himachal Pradesh	5,424	31	605
13.	Jammu And Kashmir	14,567	2	609
14.	Jharkhand	3,727	6	1,460
15.	Karnataka	29,147	774	22,219
16.	Kerala	4,251	18	1,008
17.	Ladakh	-	-	77
18.	Madhya Pradesh	75,338	640	790
19.	Maharashtra	17,860	7213	4,939
20.	Manipur	183	-	20
21.	Meghalaya	607	-	47
22.	Mizoram	1,097	-	-
23.	Nagaland	526	-	-
24.	Odisha	5,507	28	5,569
25.	Puducherry	719	-	27
26.	Punjab	26,098	28	197
27.	Rajasthan	87,957	724	1,035
28.	Sikkim	642	2	-
29.	Tamil Nadu	32,316	291	21,826
30.	Telangana	15,412	942	16,810
31.	Dadra And Nagar Haveli And Daman And Diu	309	1	24
32.	Tripura	2,136	12	66
33.	Uttar Pradesh	97,478	703	16,398
34.	Uttarakhand	8,640	37	257
35.	West Bengal	5,890	19	2,459
Total		5,10,732	13,738	1,00,631

S. No.	Districts of Bihar	Candidates trained/oriented	
		PMKVY	CTS (Candidates enrolled)
1.	Rohtas	459	84
2.	Kaimur	319	-
