

GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
**RAJAYA SABHA**  
**UNSTARRED QUESTION NO. 4262**  
ANSWERED ON 01.04.2026

**MODERNIZATION OF ITI UNDER PM-SETU AND AVGC SKILLING**

4262. SHRI K.R.N. RAJESHKUMAR:

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

- (a) the roadmap for the 62 percent budget increase for the Ministry in 2026-27, specifically regarding the modernization of Industrial Training Institutes (ITIs) under the PM-SETU scheme;
- (b) the timeline for operationalizing the 15,000 Content Creator Labs in secondary schools meant to promote the Animation, Visual Effects, Gaming and Comic (AVGC) sector; and
- (c) the specific measures taken to align the National Skills Qualification Framework (NSQF) with the emerging requirements of the Semiconductor and Green Hydrogen industries?

**ANSWER**

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

(SHRI JAYANT CHAUDHARY)

(a) The total Budget Estimate (BE) allocation for schemes under the Ministry of Skill Development and Entrepreneurship (MSDE) for FY 2026-27 is Rs. 9,540.50 Crore, as compared to Rs. 5,749.90 Crore in FY 2025-26. This substantial increase is primarily on account of the increased outlay for the Pradhan Mantri Skilling and Employability Transformation through Upgraded ITIs (PM-SETU) scheme. The scheme-wise BE for FY 2025-26 and FY 2026-27 is as under:

Sl. No.	Scheme	Budget Estimate (Rs. in Crore)	
		2025-26	2026-27
<b>A. Central Sector Schemes</b>			
1.	Skill India Programme [Pradhan Mantri Kaushal Vikas Yojana (PMKVY) + Jan Shikshan Sansthan (JSS) + Pradhan Mantri National Apprenticeship Promotion Scheme (PM-NAPS)]	2,700.00	2,800.00
2.	Integrated Scheme in Skilling Architecture	—	600.00
<b>B. Centrally Sponsored Schemes</b>			
3.	Strengthening of Infrastructure for Institutional Training (SIIT)	49.90	0.00
4.	PM-SETU (Pradhan Mantri Skilling and Employability Transformation through Upgraded ITIs)	3,000.00	6,140.50
	<b>Total (Schemes)</b>	<b>5,749.90</b>	<b>9,540.50</b>

The PM-SETU scheme comprises two components:

- i. Component I – Upgradation of 1,000 Government Industrial Training Institutes (ITIs) (200 Hub ITIs and 800 Spoke ITIs) in a Hub and Spoke model, covering establishment of smart classrooms, modern laboratories, digital content, and new courses aligned to industry needs.
- ii. Component II – Capacity Augmentation of five National Skill Training Institutes (NSTIs) located at Bhubaneswar, Chennai, Hyderabad, Kanpur, and Ludhiana, including setting-up of sector-specific National Centres of Excellence for skilling with a focus on advanced training of trainers through global partnerships.

The scheme was launched on 4<sup>th</sup> October 2025. In FY 2025-26 the scheme has undergone preparatory phase. MSDE has constituted a National Steering Committee (NSC) chaired by the Secretary, MSDE, as the apex body for providing overall vision, broad policy direction, finalization of operational guidelines, and monitoring of the scheme. Under the scheme release of funds for Upgradation of ITIs is contingent upon the formation of SPV. MSDE is carrying out necessary consultations to support and handhold States/UTs across various aspects of scheme roll-out. At present, proposals regarding upgradation of ITIs is yet to be received from State Steering Committee for consideration or approval of National Steering Committee (NSC).

It is pertinent to mention that the Ministry has made significant progress in enabling States/UTs to move forward. 35 States/UTs have identified clusters, 32 have formed State Steering Committees, 25 have created State Budget Heads, 19 have floated EOIs for AIPs, and 12 have floated RFPs for inviting interest of industry.

(b) The proposal to establish 15,000 Content Creator Labs in secondary schools to promote the Animation, Visual Effects, Gaming and Comic (AVGC) sector was announced in the Union Budget 2026-27 under Para 60. The Indian Institute of Creative Technologies (IICT), Mumbai has been identified as the nodal institution for supporting the establishment of these labs across secondary schools and 500 colleges.

(c) The following measures have been taken to align the National Skills Qualification Framework (NSQF) with the emerging requirements of the Semiconductor and Green Hydrogen industries:

- i. The Directorate General of Training (DGT), under MSDE, has developed two NSQF-aligned courses under the Craftsmen Training Scheme (CTS) for imparting training through ITIs and National Skill Training Institutes (NSTIs) to meet the emerging requirements of Semiconductor and Green Hydrogen industries. The details are as under:

Sr. No.	Name of Course	Entry Qualification	Duration	NSQF Level
1.	Semiconductor Technician	Passed 12th class examination with Science (Physics & Mathematics) or equivalent	One Year	4.5
2.	Green Hydrogen Production Technician	Passed 10th class examination	One Year	3.5

- ii. Ministry of Skill Development and Entrepreneurship (MSDE) is implementing its flagship scheme, Pradhan Mantri Kaushal Vikas Yojana 4.0, since FY 22-23 as a part of Skill India Program for imparting skill development training through Short-Term Training (STT) and up-skilling and re-skilling through Recognition of Prior Learning (RPL) to youth across the country. The objective of the scheme is to enhance the employability of youth by equipping them with industry-relevant skills including those related to Semiconductor and Green Hydrogen. Under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0, training is imparted in NSQ aligned courses developed by NCVET in consultation with line Ministries and relevant industries to ensure market relevance. The scheme focuses on new-age and future skills job roles aligned with Industry 4.0 requirements in areas such as AI/ML, Drone Technology, Green Hydrogen etc., catering to emerging market demand and industry needs.

Details of job roles under PMKVY 4.0 in courses related to Semiconductor and Green Hydrogen sectors are given at **Annexure-I**.

**ANNEXURE REFERRED TO IN REPLY TO PART (C) OF RAJYA SABHA UNSTARRED QUESTION NO.4262 ANSWERED ON 01.04.2026**

**Details of job roles under PMKVY 4.0 in courses related to Semiconductor and Green Hydrogen sectors (as on 31.12.2025):**

<b>Scheme</b>	<b>Sector</b>	<b>Job Role Name</b>
PMKVY 4.0	Electronics and Hardware	VLSI Design Engineer
PMKVY 4.0	Electronics and Hardware	Embedded Full-Stack IoT Analyst
PMKVY 4.0	Electronics and Hardware	Embedded Product Design Engineer – Technical Lead
PMKVY 4.0	Electronics and Hardware	Embedded Software Engineer
PMKVY 4.0	Green Jobs	Green Hydrogen Plant Entrepreneur
PMKVY 4.0	Green Jobs	Green Hydrogen Plant Junior Technician – Power Sources
PMKVY 4.0	Green Jobs	Green Hydrogen Plant Junior Technician (Desalination)
PMKVY 4.0	Green Jobs	Green Hydrogen Plant Junior Technician – Storage
PMKVY 4.0	Green Jobs	Green Hydrogen Plant Junior Technician – Electrolyzer
PMKVY 4.0	Green Jobs	Green Hydrogen Plant Technician
PMKVY 4.0	Hydrocarbon	Advance Course on Green Hydrogen
PMKVY 4.0	Hydrocarbon	Concepts of Green Hydrogen
PMKVY 4.0	Hydrocarbon	Green Hydrogen Plant Supervisor

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