

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
RAJYA SABHA
UNSTARRED QUESTION NO. 607
ANSWERED ON 04.02.2026

SPECIALIZED SKILL DEVELOPMENT PROGRAMS IN BELAGAVI

607 SHRI IRANNA KADADI:

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

- (a) the details of the specialized skill development programs conducted in Belagavi to cater to the aerospace and foundry industries;
- (b) the status of the collaboration with the local industry associations for curriculum design and apprenticeship;
- (c) the measures taken to upgrade the ITIs in the district to provide training in Computer Numerical Control (CNC) machining and precision engineering;
- (d) the details of the placement rate of the candidates trained in these high-tech trades; and
- (e) whether Government has any plan to set up a Centre of Excellence for Aerospace Skill Development in Belagavi?

ANSWER

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

(SHRI JAYANT CHAUDHARY)

(a) to (e) : 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 Sikhshan 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 the Belagavi District in the state of Karnataka. The SIM aims at enabling the youth of India to get future-ready, equipped with industry-relevant skills.

The Directorate General of Training (DGT) has developed the following NSQF-compliant courses to cater to the demand for trained manpower in the 'Aerospace & Aviation' sector and the foundry industries in the 'Capital Goods and Manufacturing' sector. These courses are being implemented through Industrial Training Institutes (ITIs) under the Craftsmen Training Scheme (CTS).

Sl. No.	Sector	Name of Course	Entry Qualification	Duration	NSQF Level
1.	Aerospace & Aviation	Drone Pilot (Junior)	10 th Passed	6 Months	3
2.	Capital Goods and Manufacturing	Aeronautical Structure and Equipment Fitter	10 th Passed	2 Years	4
3.	Capital Goods and Manufacturing	Foundryman	10 th Passed	1 Year	3.5

Further, under Pradhan Mantri Kaushal Vikas Yojana (PMKVY), specialised skill development programmes aligned to aerospace, foundry and allied high-tech manufacturing sectors have been conducted.

To meet the demand of the modern economy and the latest technology in the industrial sector, new courses are continuously developed and existing courses are also upgraded in consultation with Industries, academia and the state/ UT. The courses are upgraded by incorporating the new technology, latest tools, equipment and machinery in the curricula in view of the requirements of emerging technology.

Under NAPS, presently, apprenticeship training is offered in 266 Designated Trades (DT) and more than 750 Optional Trades (OT) spanning diverse industry sectors. Various job roles under the DT category that cater to foundry industries are Pattern maker, Machinist, Turner, Fitter, CNC Operator, CNC Programmer cum Operator, Machinist Grinder, Tool and Die Maker (Dies and Molds Tool and Die Maker), Electrician, Wireman, Lineman, Refrigerating and Air Conditioner, Jig and Fixtures Maker, and Electronic Mechanic. In addition to trades under OT that cater to foundry industry are CNC Operator / Machining, Fitter – Fabrication and Refrigeration Equipment Maintenance Specialist.

The job roles that cater to Aerospace industry under DT are Mechanic Instrument Aircraft, Mechanic Radar and Radio Aircraft, Mechanic Communication Equipment Maintenance, Instrument Mechanic, TIG/MIG Welder, Gas Cutter, etc. Further, under OT category, job roles available are Aerospace CNC Machinist, Aerospace CNC Programmer, Aerospace Structural Fitter, Aircraft Airframe & Powerplant Technician, Aircraft Avionics Technician and Technical Services Engineer.

Collaboration for Apprenticeship under NAPS-2, for the period starting FY 2022-23 to FY 2025-26 (up to December 2025), a total of 57,181 apprentices have been engaged in the State of Karnataka, of which 1,586 apprentices were engaged in Belgavi district in job roles that cater to Aerospace and Foundry industries. Further, since June 2022, the Pradhan Mantri National Apprenticeship Mela (PMNAM) has facilitated industry participation in engaging candidates for apprenticeship training. The event is conducted every month on the 2nd Monday, in at least 1/3rd of the districts of each State. The state of Karnataka has reported 147 PMNAMs till December 2025, of which five PMNAMs were organised in Belgavi district.

Impact of schemes for skill development, including employment, is assessed through their third-party independent evaluation. MSDE's flagship scheme, PMKVY, was evaluated by NITI Aayog in October 2020. As per the study, about 94 per cent of the employers surveyed reported they would hire more candidates trained under PMKVY. Further, 52 per cent of the candidates who were placed in full-time/part-time employment and oriented under the RPL component received a higher salary or felt that they will get a higher salary compared to their un-certified peers.

Under the Craftsmen Training Scheme (CTS), the course "CNC Machining Technician" is currently being conducted in 150 ITIs in the State of Karnataka, including 6 ITIs in Belgavi district. Since the academic session 2023, a total of 5,151 trainees in Karnataka and 325 trainees in Belgavi district have been enrolled in this course. Besides, a total of 441 candidates under PMKVY have been trained in Short-Term Training courses such as Draughtsman Mechanical, Junior Backhoe Operator and CNC Operator Turning and 84 candidates have been oriented and certified under Recognition of Prior Learning till 31st December, 2025.

Presently, there is no proposal under consideration by this Ministry for setting up a Centre of Excellence for Aerospace Skill Development in Belgavi District of Karnataka.
