

**GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
RAJYA SABHA
UNSTARRED QUESTION NO : 1461
(TO BE ANSWERED ON THE 5th August 2024)**

SCARCITY OF QUALITY ENGINEERS IN THE AVIATION INDUSTRY

1461. MS. DOLA SEN

Will the Minister of CIVIL AVIATION be pleased to state:-

- (a) whether Government has taken into cognisance of the scarcity faced by the aviation industry to recruit quality engineers;
- (b) if so, details of the steps taken to identify the cause of this concern and steps taken to address this;
- (c) whether Government plans an internship/ voluntary programme for the students of aerospace engineering or related fields to develop their interest in the aviation industry; and
- (d) if so, details of the programme thereof, if not, whether Government plans to initiate such a programme?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF CIVIL AVIATION

(Shri Murlidhar Mohol)

(a) and (b) Currently there is no shortage of quality engineers. DGCA has issued regulation, CAR-147 (Basic) - approved Basic maintenance Training organization. The regulations are in line with international standards of ICAO i.e., EASA regulations. The regulation streamline the syllabus and skilled training requirements for the development of competent/skilled manpower for maintenance of aircraft.

The regulations require part of practical training to be imparted by the approved Aircraft Maintenance Organisation (AMO) which provides a live environment, practical working exposure for enhancing the competency of students. The students on completing training under CAR-147 (Basic) approved institute and on passing the requisite DGCA examinations become eligible for issue of Aircraft Maintenance Engineers (AME) licence.

Currently, there are 57 AME Training Institutes have been approved by DGCA under CAR-147 (Basic). The estimated supply from AME Training Institute approved under CAR 147(Basic) is around 3500 per year, which is sufficient to cater the demand of Indian civil aviation Industry.

(c) and (d) Airports Authority of India (AAI) has launched a revamped Internship program named 'Pradipti' for students of educational institutions located in the vicinity of AAI Airports undergoing Graduation / Post-Graduation / Professional degree courses, The revamped Internship policy 'Pradipti' has been launched with an aim to create interest in Civil Aviation among students by:

- (i) Supplementing theoretical knowledge with practical operations/working
- (ii) Giving exposure to students in STEM (Science, Technology, Engineering and Mathematics)/non-STEM domains.

The three types of internship modules are:

- (i) Round the year familiarisation programmes of 2-5 days duration
- (ii) Internship for a duration of 04 to 20 weeks.
- (iii) Observe and learn by being part of small duration projects.

Around 285 institutions have signed MoU with AAI, including reputed institutions like IITs, IIMS, NITS, IITS, Universities to make use of the internship facility.
