

GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 1070
ANSWERED ON 02.12.2024

Aligning of Technical Education with Industry Standards to Improve Employability

1070. SHRI SAPTAGIRI SANKAR ULAKA:

Will the Minister of EDUCATION be pleased to state:

- (a) whether the Government has taken steps to align technical education with industry standards to improve graduate employability, if so, the details thereof;
- (b) the specific industry partnerships integrating hands-on training and internships;
- (c) the initiatives taken by the Government for linking institutions with employment, like recruitment drives and apprenticeships; and
- (d) the evaluation methods and recent statistics on employment rates or skill improvements among graduates?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION
(DR. SUKANTA MAJUMDAR)

(a) to (d): The National Education Policy 2020 emphasizes the importance of industry-academic connect and promotes research and innovation by setting up start-up incubation centres; technology development centres; centres in frontier areas of research; greater industry-academic linkages; and interdisciplinary research including humanities and social sciences. To achieve the objectives of NEP 2020, All India Council for Technical Education (AICTE) has taken several steps including:

- Model Curriculum in areas such as Artificial Intelligence, Data Science, Space Technology, Electronic Engineering (VLSI Design and Technology), Robotics and Artificial Intelligence etc. Due representation of Industry stakeholders is ensured in the curriculum revision committees.
- Memoranda of Understanding (MoU) with leading industries and organisations have been signed to facilitate internship, skilling and upskilling of students and faculty members.

- Issued model internship guidelines for technical courses. Internship is mandatory component of Model Curriculum issued by AICTE for different courses. These guidelines provide internship in full-time or part-time.
- Industry Academia Mobility framework launched by AICTE to facilitate connect between theoretical knowledge and practical application, facilitating collaboration between academia and industry. Additionally, it provides for frameworks for industry-academia partnership, encouraging mutually beneficial engagements that enrich both parties.

Further, the Department of Higher Education, Ministry of Education is implementing National Apprenticeship Training Scheme (NATS) for on-the-job training and skilling of Indian youth. The scheme is implemented by the Department of Higher Education, Ministry of Education, Government of India through four regional Boards of Apprenticeship Training/Practical Training (BoATs/BoPT). Over the last 5 years, NATS scheme has engaged over 8.68 lakh apprentices out of which 2.53 Lakh apprentices have been engaged in FY 2023 – 24.

Also, with an aim to enhance the employability of youth, the Ministry of Education in collaboration with IIT Madras and eminent Industry Partners have launched SWAYAM Plus platform on 27th February 2024, expanding its offerings to identify and include courses aligned with industry needs and to enhance learners' employability. The platform provides high-quality learning and certification programs from the leading industry and academia to the students/ learners which can help them in reskilling and upskilling and making them employment ready. Ministry of Education and IIT Madras has signed more than 55 MoUs with the leading industries partners. As on 22nd November, 2024, more than 320 Courses are available on the platform and more than 1.27 lakhs learners have enrolled on this platforms for their Skill enhancement.
