

**GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
DEPARTMENT OF HIGHER EDUCATION**

LOK SABHA

**UNSTARRED QUESTION No. 4684
TO BE ANSWERED ON 23.03.2020**

Number of Graduates

4684. SHRI UTTAM KUMAR REDDY NALAMADA:

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

- (a) the number of individuals who have graduated during the last three years including engineers, doctors, lawyers and other streams, year-wise and stream-wise;
- (b) the number of those graduates who are currently unemployed and the number of those graduates who are now employed in other countries; and
- (c) the steps being taken by the Government to ensure that a greater number of individuals with higher education degrees are gainfully employed in the country?

ANSWER

**MINISTER OF HUMAN RESOURCE DEVELOPMENT
(SHRI RAMESH POKHRIYAL 'NISHANK')**

(a): The number of individuals who have graduated during the last three years including engineers, doctors, lawyers and other streams as per All India Survey on Higher Education (AISHE), 2016-17 to 2018-19 is as follows:-

Year	Engineering & Technology	Medical Science	Law	Others
2018-19	831504	226234	81153	5335824
2017-18	873406	203814	72486	5269933
2016-17	894437	186832	67973	5307144

(b): No specific data is available for those graduates who are currently unemployed and the number of those graduates who are now employed in other countries.

(c): To increase the employability of graduates in the country, Ministry of Human Resource Development is working along with Sector Skill Councils (SSCs) under National Skill Development Corporation (NSDC) to undertake Apprenticeship/Internship embedded degree programmes with core focus on development of knowledge, skills, aptitude and on-job training. In addition, to boost the vocational education in the country, three schemes are being implemented by University Grants Commission (UGC) under National Skills Qualifications Framework (NSQF) which are Community Colleges (since 2013-14), B.Voc Degree Programme (since 2014-15) and Deen Dayal Upadhyay (DDU) Kaushal Kendra (since 2015-16). Also, All India Council for Technical Education (AICTE) has introduced the Vocational Degree/Diploma Programs under NSQF for AICTE approved Institutions. Also, Ministry of Skill Development and Entrepreneurship is implementing a flagship scheme known as Pradhan Mantri Kaushal Vikas Yojana (PMKVY).

Also, a committee was constituted in 2018 for preparing short term and medium term perspective plan, with a view to improve employability of Engineering graduates in India. The Committee recommended that:

- (a) Courses on nine emerging technologies like AI, DATA Science, IOT, Cyber Security Robotics, Design, Quantum Computing, AR/VR, Block Chain and 3d Printing and should be introduced in UG Engineering Courses.
- (b) Greater focus on multi-discipline course by reducing seats in conventional disciplines and converting existing seats into these courses.
- (c) A Model Curriculum has been prepared in association with NITTTR Chandigarh in the above 9 (nine) Technologies.

The quality measures being taken by All India Council for Technical Education (AICTE) to increase the employability of graduates in the country, particularly engineering graduates are as follows:

- (i) Preparation of outcome based model curriculum for Diploma, Undergraduate (UG) and Post Graduate (PG) courses in Engineering and PGDM/MBA Courses.
- (ii) Introduction of 3 week induction program for students to be offered right at the commencement of the 1st year at UG level in Engineering.
- (iii) Setting up of Induction Cell at AICTE to monitor the induction activities and National Level Coordination Committee to coordinate training of Faculty members on 'Student induction Program'.
- (iv) Exam reforms and formulation of comprehensive teacher's training. 8 modules are proposed for incumbent as well as in service teachers.
- (v) Mandatory internship, Revision of model curriculum, and Industry readiness accreditation.
- (vi) Wheelbox Employability Skill Test (WEST) being held for all pre-final and final year graduates of AICTE approved institutions to identify the core strengths of students and certify the same.
