

**GOVERNMENT OF INDIA
HUMAN RESOURCE DEVELOPMENT
LOK SABHA**

UNSTARRED QUESTION NO:523
ANSWERED ON:26.11.2014
STANDARD OF ENGINEERING EDUCATION
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Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

- (a) whether the Government has any visionary plan in maintaining the need of engineering graduates proportionate to the establishment of engineering colleges in the country and if so, the details thereof;
- (b) whether the standard of engineering education in India has declined during the past decade and if so, the details thereof ;
- (c) the number of engineering and technical colleges which have been opened in each State after the grant of approval by the All India Council of Technical Education (AICTE) during the last decade;
- (d) whether the AICTE has given permission to open such engineering and technical colleges without making any assessment of faculty and other infrastructure; and
- (e) if so, the details thereof and the corrective steps taken/ proposed to be taken to arrest the declining standard of education in engineering and technical colleges in the country?

Answer

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (Prof. (Dr.) Ram Shankar Katheria)

(a)& (b):The 12th Plan document sets a target of 25.2% Gross Enrolment Ratio (GER) by 2017-18. This can happen only through Capacity creation and collective efforts of all the stakeholders including the Institutions, the affiliating Universities etc.. In order to maintain the quality of education, AICTE as the regulator of technical education has notified the regulations and Approval Process Handbook containing norms and standards for granting approval to technical institutions. Institutions fulfilling the norms are granted approvals. However, Institutions violating these norms and standards are liable for punitive action as per Approval Process Handbook.

Further, AICTE also funds institutions for enhancement of quality of education through its different schemes such as Research Promotion Scheme (RPS), Faculty Development Programme (FDP), Innovation Promotion Scheme(IPS), Quality Improvement Programme (QIP) etc.

(c): The total number of engineering colleges opened from 2006-07 onwards are given below:

Sr. No.	Year	Under Graduate	Post Graduate	Diploma
1	2006-07	1511	979	1997
2	2007-08	1668	981	2246
3	2008-09	2388	993	2435
4	2009-10	2972	1051	2498
5	2010-11	3222	1272	2506
6	2011-12	3286	1400	2571
7	2012-13	3369	1921	3059
8	2013-14	3384	2164	3436
9	2014-15	3389	2334	3799

Information about no. of Engineering & Technical Colleges Prior to 2006-2007 is not available.

However, State wise number of engineering and technical colleges opened from 2011-12 onwards are at ANNEXURE.

(d)& (e): No Madam, in order to maintain the standard of education, AICTE has notified the regulations and Approval Process Handbook contains norms and standards for grant of approval to the technical institutions. Institutions that violate these norms and standards are liable for punitive action as per Approval Process Handbook.