

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

UNSTARRED QUESTION NO:243  
ANSWERED ON:14.03.2012  
STEEP RISE IN ENGINEERING COLLEGES  
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**Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:**

- (a) whether there is steep rise in the number of engineering institutes in the country;
- (b) if so, whether the growth of engineering colleges is commensurate with the Government's Plan;
- (c) if so, the details thereof; and
- (d) the steps taken by the Government to groom teachers for these engineering colleges?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (Dr. D. PURANDESWARI)

(a) : The number of engineering Institutes, as existing and added from 2006-07 to 2011-12 is as under:

Year    Engineering    Added in year

2006-07	1511	-
2007-08	1668	157
2008-09	2388	720
2009-10	2972	584
2010-11	3222	250
2011-12	3393	171

(b) & (c): The aim is to expand the higher education sector through all its modes of delivery and to increase the Gross Enrollment Ratio (GER) in Higher Education to 15% by 2011-12 . The new technical institutions added above help in achieving this target.

In addition, All India Council for Technical Education (AICTE) has taken following measures to increase the GER in technical education:

- i. Allowed new institutions to start with enhanced intake capacity 300 seats in engineering, 120 in MBA/MCA/PGDM/Pharmacy/Art & Craft and 80 for Architecture & town planning in place of last year approved intake for new institution of 240, 60 and 40 respectively.
- ii. The approved Technical Institutions may expand its activities by adding additional programme/ courses/divisions, in the existing Technical Institutions and may also opt for an additional programme/ courses/divisions in 2nd shift or for a separate Technical Institutions in the existing Technical Institution in 2nd shift.
- iii. Permission to open separate division in 2nd year of Engineering/ Technology courses for admitting Diploma and B.Sc. Degree holders though Lateral Entry Scheme.

(d) The AICTE has prescribed norms for requirement of faculty and approval for establishment of new institutions is granted in compliance to these norms.

Further, AICTE differentiates institutions having deficiencies and not having deficiencies in granting new courses and increase in intake in the existing institutions there by making it mandatory on the part of the institutions to comply with the requirements of the AICTE.

Also, in order to address the issue of shortage of qualified faculty in general if any, and also to facilitate the students to pursue their higher study leading to award of M. Tech degree the AICTE has granted permission to start M. Tech programme in teaching institutions and to start second shift in the existing institutions.

AICTE has certain faculty development schemes like "Quality improvement programme (QIP)" for improvement of qualification of the faculty employed at Diploma & degree level institutions.

AICTE has certain promotional schemes for attracting the faculty like "Research Promotion Scheme (RPS)" for promoting research in the field of Technical Education and to generate Master's and Doctoral degree candidates to augment to supply of research experienced faculty and research personnel in the country.