

GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION

RAJYA SABHA
UNSTARRED QUESTION NO. 19
ANSWERED ON- 07/12/2022

DEARTH OF QUALITY ENGINEERING EDUCATION

19. SHRI TIRUCHI SIVA

Will the Minister of EDUCATION be pleased to state:

- (a) whether Government has taken any steps to improve the ranking of Indian engineering institutes in the World University Rankings;
- (b) if so, details thereof;
- (c) whether it is a fact that approximately 4,500 engineering institutions did not even apply and 1,049 institutions that did apply got no rank in the National Institutional Ranking Framework (NIRF) rankings of 2022 ;
- (d) details of the educational qualifications prescribed by engineering institutes for their teaching faculty;
- (e) whether there is proposal to improve the disappointing state of engineering education which would in turn improve the placement offers provided to students; and
- (f) if so, details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION

(DR. SUBHAS SARKAR)

(a) & (b): Yes, Sir. National Institutional Ranking Framework (NIRF) launched by Ministry of Education in September 2015 is being used for ranking of institutions of higher education in India. The key parameters used in India Rankings help institutions to assess their capabilities and also help them work towards improving their ranking amongst institutions of the world. This Ministry has also conducted a series of workshops with the intent to provide focused mentorship to Indian Institutions to increase the visibility of Indian institutions in the World University Rankings.

(c): 1249 engineering institutions had applied for NIRF Rankings 2022 out of which top 200 institutions were ranked and 100 institutions were placed in the rank bands 201-250 and 251-300 in the engineering category. Individual parameter-wise score was shown to the remaining institutions.

(d): All India Council for Technical Education (AICTE) has issued Gazette Notification namely 'AICTE Regulations On Pay Scales, Service Conditions And Minimum Qualifications for the Appointment Of Teachers And Other Academic Staff Such As Library, Physical Education And Training & Placement Personnel In Technical Institutions And Measures For The Maintenance of

Standards In Technical Education – (Degree) Regulation, 2019’ on 1st March, 2019, which provides details on educational qualification prescribed by AICTE for engineering institutes for their teaching faculty. The regulation may be seen at the following link: <https://www.aicte-india.org/sites/default/files/AICTE%20Degree%20Pay%2C%20Qualifications%20and%20Promotions.pdf>

(e) & (f): In order to make students globally competitive and become employable, AICTE is making concrete efforts to bring qualitative changes/reforms in Technical Education by the following quality initiatives of the higher education:

1. Revamping of the existing curriculum and launching of outcome based model curriculum and model curriculum for courses in Emerging Areas in line with NEP 2020.
2. AICTE has come up with new internship policy that mandates internship as a part of curriculum for technical institutions across India.
3. Mandatory training for all new entrants in teaching profession in technical institutions as per AICTE Teacher’ Training Policy and through MOOCS-SWAYAM.
4. AICTE Training & Learning Academics (ATAL) are being setup across the country to facilitate teachers training on innovation and teaching in new emerging areas.
5. Other initiatives such as AICTE Start-up programme, Research Promotion Scheme (RPS), IDEA (Idea Development, Evaluation & Application) LAB, Modernisation & Removal of Obsolescence (MODROB), etc are being undertaken to improve the quality of engineering education.
