GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 1986
TO BE ANSWERED ON 13.03.2023

Quality Education to Engineering Students

1986.   MS. RAMYA HARIDAS:
         SHRI RAVNEET SINGH BITTU:

Will the Minister of **EDUCATION** be pleased to state:

(a)   whether the popularity of the core engineering courses have been decreasing in the past few years and if so, the details thereof and the reasons therefor;

(b)   whether the AICTE propose to ease norms to boost admissions in core engineering courses, if so, the details thereof along with the likely date of implementation of the revised norms in this regard;

(c)   the efforts made by All India Council for Technical Education (AICTE) to provide quality education to engineering students in view of problem of employability of engineering graduates and quality of education provided in engineering colleges and to bolster the employability of engineering students;

(d)   whether more than 1.2 lakh seats have been surrendered by Government engineering institutions during the last three years, if so, the reasons therefor; and

(e)   the reforms that AICTE is planning to bring in engineering education, internship, etc.?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION

(DR. SUBHAS SARKAR)

(a) to (b): The All India Council for Technical Education (AICTE) had put a moratorium on opening of new institutions in traditional areas of Engineering and Technology at Degree and Diploma and PG Level from Academic Year 2020-21 onwards for a period of two years in the wake of low capacity utilization in Technical Institutes. To review the moratorium from Academic Year 2022-23 onwards, AICTE constituted a committee under the chairmanship of Shri B.V.R. Mohan Reddy. The committee while recommending to continue moratorium on new Engineering Institutions, exempted institutes created by well- meaning philanthropists,

educationists or educational institutions to create new institutions of excellence, institutes in aspirational districts and institutes imparting emerging and cutting edge technologies, so as to remove the imbalance between core areas of engineering and new emerging technologies such as data science and artificial intelligence and to reinforce India's leadership in STEM.

Further, to boost admissions in core emerging courses, including Civil, Mechanical, and Electronics, AICTE has now allowed students pursuing these programmes flexibility to also pursue minor degree in any emerging area.

(c) to(e): The AICTE is constantly endeavouring to enhance the quality of Technical Education and to bolster their employability. For the purpose, the following programs/ schemes are being implemented by AICTE:

  i.   Revision of Curriculum,
  ii.   Examination Reforms,
  iii.   Induction Program (Human Values)
  iv.   Student Internship
  v.   Teacher Training
  vi.   Mandatory Accreditation with NBA
  vii.   Hackathons e.g. Smart India Hackathon (SIH)

The Government in association with AICTE has also launched National Educational Alliance for Technology (NEAT) to offer the best technological solutions in education to enhance youth employability. AICTE has also developed an Internship Portal (https://internship.aicte-india.org) to provide the internships to Indian students in various government and private sectors. The portal brings together the internship opportunities different Government Ministries, Departments, Autonomous Bodies, Corporates Sector, NGOs, Start-ups, and Research organizations.

Further, the seats surrendered by AICTE approved Government Engineering Institutes have consistently come down from 14,441 in 2020-21 to 7,155 in 2022-23.

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