

GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION
RAJYA SABHA
UNSTARRED QUESTION NO-977
ANSWERED ON - 31/07/2024

STEPS TO INTEGRATE TECHNOLOGY INTO THE NEW EDUCATION SYSTEM

977 Shri Jaggesh:

Will the Minister of EDUCATION be pleased to state:

- (a) whether it is a fact that there is a need to integrate Technology into the new education system to promote linguistic heritage of the country;
- (b) the details as to how the New Education Policy aims to integrate technology into the new education system to promote and preserve rich heritage of our country;
- (c) whether Government has taken steps to leverage technology for Bharatiya languages and promote search engine localization; and
- (d) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION

(DR. SUKANTA MAJUMDAR)

(a) to (d) : National Education Policy 2020 places strong emphasis on the fusion of technology with education, particularly in the context of preserving and promoting the nation's diverse linguistic heritage/diversity. National Council of Educational Research and Training (NCERT) is running a Bhasha Sangam programme as also Machine Translation cell which is translating various books into the scheduled languages. All India Council for Technical Education (AICTE) and University Grants Commission (UGC) have leveraged Anuvadini App to translate books for Under Graduate and Post Graduate

courses including technical books in multiple Indian languages. The translated books

-2-

are available on e-KUMBH portal. National Eligibility cum Entrance Test (NEET), Joint Entrance Exam (JEE) and Common University Entrance Test (CUET) have been conducted in 13 languages. Engineering education is being imparted in certain (AICTE) approved institutions in 8 regional languages. Course material including text books and teaching resources are available on Digital Infrastructure for Knowledge Sharing (DIKSHA) portal in 33 Indian Languages. ASMITA (Augmenting Study Materials in Indian Languages through Translation and Academic Writing) is a new initiative by University Grants Commission (UGC) towards promotion of Indian languages in Education.

Ministry of Electronics and Information Technology (MEITY) has launched Mission Digital India Bhashini in the year 2022 to develop core language technologies for speech and text translation for 22 Scheduled Indian languages in the open source. The Bhashini open Application Programming Interface (APIs) for language translation in text and voice have been listed on API Setu (<https://apisetu.gov.in>). Bhashini APIs are available for anyone to integrate with any application.
