GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF SCHOOL EDUCATION AND LITERACY

LOK SABHA
UNSTARRED QUESTION NO. 2505

ANSWERED ON 18th DECEMBER, 2023

Monitoring over Implementation of National Digital Education Architecture

†2505. DR. SANGHMITRA MAURYA:

Will the Minister of EDUCATION be pleased to state:

(a) whether the Government has taken any measures for monitoring the implementation of National Digital Education Architecture (NDEAR);

(b) if so, the impact in this regard and also the challenges in implementing NDEAR;

(c) whether the Government plans to align the existing as well as coming digital application with NDEAR; and

(d) if so, the details thereof and if not, the reasons therefor?

ANSWER
MINISTER OF STATE IN THE MINISTRY OF EDUCATION
(SMT. ANNPURNA DEVI)

(a) to (d)   As envisaged in the NEP, a National Education Technology Forum (NETF) Cell has been created to provide a platform for the free exchange of ideas on the use of technology to enhance learning, assessment, planning, administration, and so on, both for school and higher education. NETF Cell is overarchingly monitoring the implementation of NDEAR framework through policy development, coordination with different implementing agencies such as National Council for Education Research & Training (NCERT), evaluation & assessments, quality assurance and research and development. Some of the challenges faced in implementation of NDEAR is digital divide, creating multi-lingual content, capacity building of teachers at scale and a comprehensive PM eVidya initiative has been undertaken to address the same.

The existing as well as upcoming digital applications are all being aligned with NDEAR framework. This has helped in adoption of these digital applications not just across stakeholders in India but globally as well.Existing digital applications such as DIKSHA have been architected as per NDEAR framework. DIKSHA is the national infrastructure platform for school education in India used widely across the country, which is available in 31 Indian languages and 7 foreign languages. More than 6,500 energized text books are available on DIKSHA, and content is available in 38 Indian languages – which include 31 Indian languages and 7 foreign languages. It is accessed by lakhs of learners on a daily basis and has recorded more than 531 Cr learning sessions. DIKSHA has been identified as a Digital Public Good (DPG) by Government of India and architected as a set of building blocks in compliance with principles laid out in NDEAR.

Such an impact has been created through various applications that have been enabled through the NDEAR DIKSHA ecosystem. Some of the noteworthy initiatives are NISHTHA (Capacity building of teachers, administrators), VidyaDaan (to source high quality content), Micro Improvements ('learning by doing' concept).

Recent initiatives such as Vidya Samiksha Kendra (VSK), Registries, Virtual Labs for students and National Digital Libraries are aligning to the NDEAR principles such as "Open data standards and Analytics" building block.

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