

**GOVERNMENT OF INDIA  
MINISTRY OF EDUCATION  
DEPARTMENT OF SCHOOL EDUCATION & LITERACY  
LOK SABHA  
UNSTARRED QUESTION NO:- 461  
ANSWERED ON-06/02/2023**

**Pedagogical Training for Teachers**

461. SHRI SHANMUGA SUNDARAM K.:

Will the Minister of EDUCATION be pleased to state:

- (a) whether the Government has observed that the country's dysfunctional teacher education system leaves our teachers ill-prepared as they are neither adequately equipped with the pedagogical capacities nor they learnt how to effectively handle children;
- (b) if so, the remedial steps proposed to be taken by the Government in this regard and if so, the details thereof;
- (c) whether the Government is planning to use state of the art AI based softwares to educate teachers about pedagogical methods and to benefit the students and the details thereof; and
- (d) if not, the reasons therefor?

**A N S W E R**

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

(a) & (b) The National Education Policy (NEP), 2020, empowers teachers and places them at the heart of the learning process through quality teacher education, recruitment, continuous professional development and positive working environment while ensuring accountability. As per NEP, 2020, National Council for Teacher Education (NCTE) has introduced four year Integrated Teacher Education Programme (ITEP), on pilot basis, to equip teachers with enhanced curriculum and pedagogical knowledge. Similarly, National Professional Standard for Teachers (NPST) for enhancing capabilities of teachers and National Mentoring Mission (NMM) for individual mentoring of school teachers by senior and retired teachers are at pilot study stage.

(c) & (d) The Department of School Education and Literacy has launched an integrated Teacher Training Programme called NISHTHA – National Initiative for School Heads and Teachers Holistic Advancement, on the DIKSHA platform, to improve learning outcomes at the elementary level. The NISHTHA programme has been further expanded to NISHTHA 2.0 for secondary/senior secondary level teachers and NISHTHA 3.0 – Foundational Literacy and Numeracy (FLN) for teachers and school heads from pre-primary to class V.

The National Education Policy, 2020 has recommended introduction of contemporary subjects including Artificial Intelligence (AI) at relevant stages as a part of curricular and pedagogical initiatives. The Central Board of Secondary Education (CBSE) has introduced Artificial Intelligence as a subject in Class IX from the session 2019-2020 and in Class XI from the session 2020-2021 in their affiliated schools.

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