

**GOVERNMENT OF INDIA  
MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
DEPARTMENT OF SCHOOL EDUCATION & LITERACY**

**LOK SABHA  
UNSTARRED QUESTION NO. 77  
TO BE ANSWERED ON 04.02.2019**

**e-Learning Services**

**77. SHRI ANURAG SINGH THAKUR:**

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

- (a) whether the Government is aware that e-learning services are being promoted in Government schools and colleges of the country;
- (b) if so, the details thereof;
- (c) whether there is sufficient investment in providing e-learning facilities, especially to schools and colleges in backward areas of the country; and
- (d) if so, the details thereof?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
(DR. SATYA PAL SINGH)**

(a) & (b) The key e-Learning Projects run by the Ministry of Human Resource Development (MHRD) are as follows:

- **SWAYAM:-** The 'Study Webs of Active Learning for Young Aspiring Minds' (SWAYAM) is an integrated platform for online courses, using Information and Communication Technology (ICT) and covering school (9th to 12th) to Post Graduate Level. It offers online courses for students, teachers and teacher educators. It may be accessed on [swayam.gov.in](http://swayam.gov.in). National Institute of Open Schooling (NIOS) is promoting education through e-learning methods by providing courses on Massive Open Online Courses (MOOCs) on the portal. There are 44 courses of NIOS offered on SWAYAM platform – 14 at secondary level, 16 at senior secondary level, 4 vocational courses and 10 courses of Diploma in Elementary Education (D.El.Ed.). NCERT has so far developed 22 courses for classes XI-XII in different subject areas.
- **SWAYAM PRABHA:-** A programme for utilization of satellite communication technologies for transmission of educational e-contents through 32 National Channels i.e. SWAYAM PRABHA DTH-TV has been launched. CIET-NCERT is the national coordinator for one DTH TV channel i.e., Kishore Manch (#31) and has started feeding a 24x7 educational TV channel w.e.f. 09.07.2018. Everyday four hour fresh slot is telecast and repeated 5 more times in 24 hours to provide learning opportunities for the stake holders, as per their convenience. Besides, NIOS is running 5 channels for teachers, for secondary and senior secondary levels and for sign language.

- **National Digital Library (NDL):** The National Digital Library of India (NDL) is a project to develop a framework of virtual repository of learning resources with a single-window search facility. There are more than 153 Lakhs digital books available through the NDL. It may be accessed on [ndl.gov.in](http://ndl.gov.in)
- **ICT in Educational Curriculum for School System:** ICT curriculum for teachers and students has been developed by NCERT. Students' curriculum was piloted in 588 Navodaya Vidyalayas for one year. 805 MRPs/ KRPs of thirty states were oriented on roll-out of ICT curriculum for students and teachers in the respective states.
- **e-Pathshala:** e-pathshala has been developed by NCERT (National Council for Educational Research and Training) for showcasing and disseminating all educational e-resources including textbooks, audio, video, periodicals and a variety of other print and non-print materials. So far, 3444 audios and videos, 698 e-books (e-pubs) and 504 flip books have been made available on the portal and mobile app.
- **Shagun Portal – an Initiative to monitor the implementation of SSA:** A web portal called ShaGun (from the words Shaala and Gunvatta) has a repository of good practices, photographs, videos, studies, newspaper articles etc. on elementary education, State/UT wise. These are in the public domain. Its purpose is to showcase success stories and also to provide a platform for all stakeholders to learn from each other. This would also instill a positive competitive spirit among all the States and UTs.
- **National Repository of Open Educational Resources (NROER):** The National Repository of Open Educational Resources (NROER) is an initiative to bring together all digital and digitisable resources across all stages of school education and teacher education. So far, 13635 files including 401 collections, 2722 documents, 565 interactive, 1664 audios, 2581 images and 6105 videos have been made available over the portal. States/ UTs are motivated to contribute resources on NROER and create OERs for their own State/ UT.
- **KVS initiatives:-** ICT Skills are imparted in all the Kendriya Vidyalayas to the students of classes III to XII. 12011 e-Classrooms (9711 e-Classrooms established and 2300 under process) have been established in Kendriya Vidyalayas throughout the country for facilitating effective learning through digital mode. Besides, 276 Digital Language Labs and 1137 Computer labs have been established in 276 KVs across the Country. Further, a pilot project e-Prajna has been started for providing tablets pre-loaded with e-content in Maths and Science. 5076 Touch Tablets have been distributed among Class VIII Students and teachers for classroom transactions in Maths and Science.
- **Operation Digital Board:-** An initiative has been taken by Government of India to provide interactive digital boards to nearly 15 lakh classrooms across the country for 9th standard to post graduate level, where they can receive lectures from best teachers/professors and access quality e-content, in order to enhance overall learning process and experience of the students.

(c) & (d) No specific expenditure is made area/state wise on providing e-learning facilities. However, high quality e-content is provided to all learners in the country through the above initiatives free of cost.

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