

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

**RAJYA SABHA  
UNSTARRED QUESTION NO. 348  
TO BE ANSWERED ON 22<sup>ND</sup> JULY, 2021  
Role of ISRO in education system**

**348 Shri Sanjay Raut:**

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

- (a) whether Government has decided to take help of ISRO to run education system more efficiently through Satellite TV and without mobile data;
- (b) if so, details thereof; and
- (c) the details of steps taken/proposed to be taken by Government for providing online school classrooms without use of internet/data access particularly for the poor students?

**ANSWER  
MINISTER OF EDUCATION  
(SHRI DHARMENDRA PRADHAN)**

(a) and (b) Yes, CIET, NCERT has been working with BISAG and ISRO to run 12 channels of PM eVidya's Swayam Prabha TV Channels, under the one class, one TV channel initiative.

(c) Learning programmes have also been started in the form of offline learning tools in the form of radio, community radio and CBSE podcasts, toll free numbers, missed call, SMS based requests for audio content, localized radio content for edutainment etc. The medium of TV, radio has been used for the students who do not have digital means.

Keeping in view the availability of digital infrastructure PRAGYATA Guidelines on Digital Education have been issued. The guidelines brief on various modes of digital education including online mode that depends more on availability of internet, partially online mode that utilizes the blended approach of digital technology and other offline activities, and offline mode that utilizes television and radio as a major medium of instruction of education. The guidelines can be accessed at:

[https://www.education.gov.in/sites/upload\\_files/mhrd/files/pragyata-guidelines\\_0.pdf](https://www.education.gov.in/sites/upload_files/mhrd/files/pragyata-guidelines_0.pdf)

In order to promote online education, UGC has notified necessary regulation, which facilitates the Universities to offer full-fledged Online Program. Further, the current provisions of 20 per cent Online courses in a programme, as per provisions of UGC SWAYAM and ODL Regulations to be enhanced up to maximum 40 per cent for implementation considering “National interest during COVID-19” and also to ensure effective utilization of e-resources.

Various digital initiatives are also undertaken by Ministry of education viz. SWAYAM ("Study Webs of Active-Learning for Young Aspiring Minds"), SWAYAM Prabha, National Digital Library (NDL), Virtual Lab, e-Yantra, NEAT (National Education Alliance for technology), FOSSEE (Free Open-Source Software for Education) etc to ensure quality education to the students.

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