



Satcom Technology Deployed for Learning

Why in News

- Recently, the Rajasthan government has started using **satellite communication technology** on a broader scale to enhance the learning outcomes in educational institutions and generate awareness about social welfare schemes.
- It will give priority to the **five aspirational districts, Karauli, Dholpur, Baran, Jaisalmer and Sirohi, selected by NITI Aayog** in the State.

Key Points

- The initiative has been taken to provide the facility of **Receive Only Terminals (ROT)** and **Satellite Interactive Terminals (SIT)** for getting the services of subject experts in the government schools and colleges. It will propagate various schemes in remote areas with no internet connectivity.
 - At present, there are over hundred SITs and ROTs under **CEC EDUSAT network**, installed at various colleges, and Universities across the country.
- It will be used in approximately 2,000 institutions coming under various departments, such as education, higher **education, social welfare, minority welfare, women and child development and tribal area development.**

CEC EDUSAT Network

- The **Consortium for Educational Communication (CEC)** is one of the Inter-University Centres **set up by the University Grants Commission of India.**
 - It has been established with the goal of addressing the needs of Higher Education through the use of television along with the use of emerging Information Communication Technology (ICT).
- **EDUSAT is the satellite exclusively devoted to meet the demands of the educational sector.**
 - It was launched on September 20, 2004, by **Indian Space Research Organization (ISRO)** to meet the demand for an interactive satellite-based distance education system for the country.
 - It has revolutionized classroom teaching through IP based technology.

University Grants Commission

- It came into existence on 28th December **1953** and became a **statutory organization** of the Government of India by an **Act of Parliament in 1956**, for the coordination, determination and maintenance of standards of teaching, examination and research in university education.
- The head office of the UGC is located in New **Delhi.**

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