

## GSAT-18

*Prelims - General Science.*

*Mains - GS III | Awareness in the fields of IT, Space, Computers, robotics, nano technology, bio-technology and issues relating to intellectual property rights.*

### Why in News?

*Parliament's Public Accounts Committee has expressed "dismay" at the avoidable expenditure on the launch of GSAT-18 communication satellite, which had 6 extended C-band transponders for use in 2027.*

- It is a **high-power satellite** being inducted into the INSAT/GSAT system.
- **Purpose** - It aims to augment and support existing telecommunication, television, Digital Satellite News Gathering (DSNG), and VSAT services in India.
- It is designed to provide continuity of services on operational satellites in C-band, Extended C-band and Ku-bands.
- **Mission Life** - About 15 years.
- **Type of Satellite** - Communication.
- **Manufacturer** - ISRO.
- **Orbit Type** - GSO (Geosynchronous Orbit).

### References

1. [Business Standard | GSAT-18 communication satellite](#)
2. [ISRO | GSAT-18](#)