

GSAT 11

June 24, 2019

- Indian Space Research Organisation's (ISRO) heaviest and **most-advanced high throughput communication satellite** GSAT-11 was successfully launched from the Spaceport in French Guiana.
- The 5,854-kg GSAT-11 will provide high data rate connectivity to users of Indian mainland and islands through 32 user beams in Ku-band and 8 hub beams in Ka-band.
- GSAT-11 will boost the **broadband connectivity to rural and inaccessible Gram Panchayats** in the country coming under the Bharat Net Project, which is part of Digital India Programme.
- The Bharat Net Project aims to enhance the public welfare schemes like e-banking, e-health, e-governance among others.
- GSAT-11 will act as a forerunner to all future high throughput communication satellites.
- GSAT-11 will be positioned at 74-degree east longitude in the geostationary orbit

Subsequently, the two solar arrays and four antenna reflectors of GSAT-11 will be deployed in orbit. The satellite will be operational after the successful completion of all in-orbit tests.