ISRO to Launch NVS-03 NavIC Satellite on October 30

ISRO scheduled the launch of the NVS-03 navigation satellite using the GSLV-F18 rocket from Sriharikota.

NVS-03 is the third satellite in the next-generation NavIC series designed to provide regional navigation services with an indigenous atomic clock.

KEY EXAM POINTS

- The **GSLV-F18**/NVS-03 mission is scheduled for launch at 11.51 p.m. on **October 30**.
- The launch will take place from the **Satish Dhawan Space Centre** in **Sriharikota**.
- The **Geosynchronous Satellite Launch Vehicle** (GSLV-F18) will place the **NVS-03** satellite into a geosynchronous transfer orbit.
- **NVS-03** is the third satellite in the next-generation navigation satellite series.
- The mission aims to provide continuity of navigation services for the **Indian Regional Navigation Satellite System** (**IRNSS**).

DID YOU KNOW..!?

ISRO was established on **August 15, 1969**, with its headquarters located in **Bengaluru**, Karnataka.

The **Satish Dhawan Space Centre** (SDSC) is located in **Sriharikota**, Andhra Pradesh, and was formerly known as **Sriharikota** Range (SHAR).

NavIC (Navigation with Indian Constellation) is India's indigenous regional satellite navigation system developed by **ISRO**.

GSLV uses **cryogenic upper stage** technology developed indigenously by India for launching heavier payloads into geosynchronous orbits.

URSC (**U.R. Rao Satellite Centre**) in **Bengaluru** is responsible for the design, development, and realization of all ISRO satellites.

The first operational flight of GSLV (**GSLV-F05**) successfully launched the INSAT-3DR satellite in **September 2016**.

REVISION FLASHCARD

ISRO scheduled the GSLV-F18/NVS-03 mission launch on October 30 from Sriharikota.

Syllabus Relevance: Important for TNPSC Group 1 and Group 2 Current Events and Science & Technology syllabus covering ISRO space missions and satellite launches.

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