

Department of Space

From Wikipedia, the free encyclopedia

<https://en.wikipedia.org/wiki/Department%20of%20Space>

Licensed under CC BY-SA 3.0:

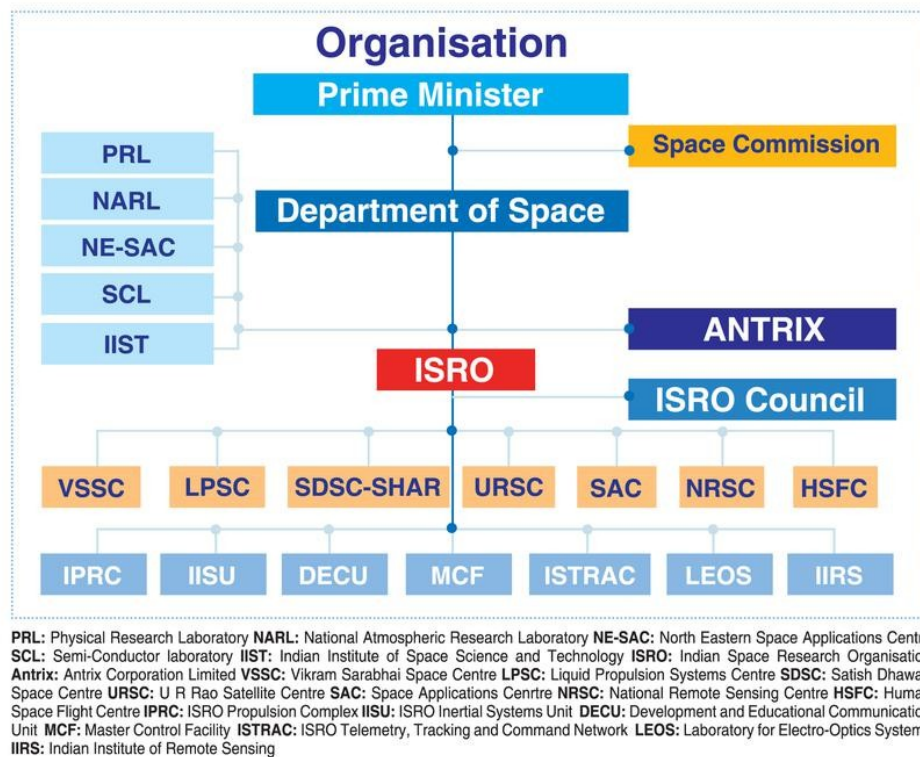
https://en.wikipedia.org/wiki/Wikipedia:Text_of_Creative_Commons_Attribution-ShareAlike_3.0_Unported_License

Department of Space

- *The Indian space program under the DoS aims to promote the development and application of space science and technology for the socio-economic benefit of the country.*
- *The Department of Space (DoS) (IAST: Aṃtarikṣa Vibhāga) is an Indian government department responsible for administration of the Indian space program.*

The Department of Space (DoS) (IAST: Aṃtarikṣa Vibhāga) is an Indian government department responsible for administration of the Indian space program. It manages several agencies and institutes related to space exploration and space technologies.

The Indian space program under the DoS aims to promote the development and application of space science and technology for the socio-economic benefit of the country. It includes two major satellite systems, INSAT for communication, television broadcasting and meteorological services, and Indian Remote Sensing Satellites (IRS) system for resources monitoring and management. It has also developed two satellite launch vehicles, Polar Satellite Launch Vehicle (PSLV) and Geosynchronous Satellite Launch Vehicle (GSLV), to place IRS and INSAT class satellites in orbit.



Organization chart showing structure of the Department of Space.

Agencies and institutes

- The Department of Space manages the following agencies and institutes:
- Indian Space Research Organisation (ISRO) – The primary research and development arm of the DoS.
- Space Applications Centre (SAC), Ahmedabad.
- Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram – India's space university.

The Department of Space manages the following agencies and institutes:

Indian Space Research Organisation (ISRO) – The primary research and development arm of the DoS.

Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram.

Liquid Propulsion Systems Centre (LPSC), Thiruvananthapuram.

Satish Dhawan Space Centre (SDSC-SHAR), Sriharikota.

ISRO Satellite Centre (ISAC), Bangalore.

Space Applications Centre (SAC), Ahmedabad.

National Remote Sensing Centre (NRSC), Hyderabad.

ISRO Inertial Systems Unit (IISU), Thiruvananthapuram.

Development and Educational Communication Unit (DECU), Ahmedabad.
Master Control Facility (MCF), Hassan.
ISRO Telemetry, Tracking and Command Network (ISTRAC), Bangalore.
Laboratory for Electro-Optics Systems (LEOS), Bangalore.
Indian Institute of Remote Sensing (IIRS), Dehradun.

Antrix Corporation – The marketing arm of ISRO.

Physical Research Laboratory (PRL), Ahmedabad.

National Atmospheric Research Laboratory (NARL), Gadanki.

North-Eastern Space Applications Centre (NE-SAC), Umiam.

Semi-Conductor Laboratory (SCL), Mohali.

Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram – India's space university.

History

- *In 1962, the Department of Atomic Energy (DAE) set up Indian National Committee for Space Research (INCOSPAR), with Dr. Vikram Sarabhai as chairman, to organise a national space programme.*
- *Dr. Kailasavadivoo Sivan is the current chairman, Space Commission, Secretary, Department of Space.*
- *The Government of India constituted the Space Commission and established the Department of Space (DoS) in 1972 and brought ISRO under DoS management on 1 June 1972.*

In 1961, the Government of India entrusted the responsibility for space research and for the peaceful use of outer space to the Department of Atomic Energy (DAE), then under the leadership of Dr. Homi J. Bhabha. In 1962, the Department of Atomic Energy (DAE) set up Indian National Committee for Space Research (INCOSPAR), with Dr. Vikram Sarabhai as chairman, to organise a national space programme.

In 1969, (INCOSPAR) was reconstituted as an advisory body under the India National Science Academy (INSA) and the Indian Space Research Organisation was established. The Government of India constituted the Space Commission and established the Department of Space (DoS) in 1972 and brought ISRO under DoS management on 1 June 1972.

Dr. Kailasavadivoo Sivan is the current chairman, Space Commission, Secretary, Department of Space. Vanditha Sharma is the Additional Secretary of the department.

See also

- *Indian Space Research Organisation*
- *Indian Institute of Space Science and Technology*

Indian Space Research Organisation

Swami Vivekananda Planetarium, Mangalore

Indian Institute of Space Science and Technology

References

External links

- *Official website of the Indian Space Research Organisation.*
- *Official website of the Department of Space.*

Official website of the Department of Space.

Official website of the Indian Space Research Organisation.