





First sounding rocket launched from TERLS November 21, 1963



Prime Minister Jawaharlal Nehru visiting Physical Research Laboratory, Ahmedabad



Indian National Committee for Space Research (INCOSPAR) formed by the Department of Atomic Energy and work on establishing Thumba Equatorial Rocket Launching Station (TERLS) started



Space Science & Technology Centre (SSTC) established in Thumba

1967



Experimental Satellite Communication Earth Station set up at Ahmedabad

# 1968

Prime Minister Indira Gandhi, dedicating TERLS to U.N. February 2, 1968

#### 1969



Formation of Indian Space Research Organisation (ISRO) August 15, 1969



New SSTC campus at Veli, Thiruvananthapuram

1971



SHAR Centre, Sriharikota operationalised October 1971, renamed as Satish Dhawan Space Centre in October 2003

### 1972

Department of Space (DOS) established, ISRO brought under DOS June 1, 1972



Prof. Satish Dhawan takes over as Secretary, DOS & Chairman, ISRO October 1972



Space Applications Centre (SAC) established at Ahmedabad

#### 1972



ISRO Satellite Centre (ISAC) established at Bangalore

#### 1975

ISRO becomes Government Organisation (April 1, 1975)



Satellite Instructional Television Experiment (SITE) (1975-1976) using ATS-6 Satellite of USA



First Indian Satellite, ARYABHATA, launched on April 19, 1975

#### 1977

Satellite Telecommunication Experiments Project (STEP) (1977-1979) carried out using Franco-German Symphonie Satellite



Launch of BHASKARA-I, an experimental satellite for earth observations (June 7, 1979)

First experimental launch of SLV-3 (August 10,1979)

The satellite did not reach orbit



#### 1981



First developmental launch of SLV-3, RS-D1 placed in orbit (May 31,1981)



Launch of APPLE, an experimental geo-stationary communication satellite (June 19, 1981)



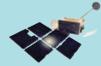
Launch of BHASKARA-II (November 20, 1981)

#### 1982



Master Control Facility (MCF) established at Hassan

Launch of INSAT-1A (April 10, 1982)



1983



Second developmental launch of SLV-3, RS-D2 placed in orbit (April 17, 1983)



Imagery from RS-D2



INSAT system commissioned with the launch of INSAT-1B (August 30, 1983)

#### 1984

Prof. U.R. Rao takes over as Secretary, DOS & Chairman, ISRO (September 30, 1984)







Indo-Soviet joint manned spaceflight











1987



Stretched Rohini Satellite Series-I (SROSS-I) Satellite



First developmental launch of ASLV with SROSS-I satellite on board (March 24, 1987) The satellite did not reach orbit

1988



Imagery from IRS-1A



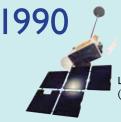
Establishment of IRS system with the launch of Indian Remote Sensing Satellite, IRS-1A (March 17, 1988)



Second developmental launch of ASLV with SROSS-2 on board (July 13, 1988) The satellite did not reach orbit



Launch of INSAT-1C (July 22, 1988)



Launch of INSAT-1D (June 12, 1990)

199



Launch of second operational Remote Sensing Satellite, IRS-1B (August 29, 1991)







SROSS-C Satellite



First successful launch of ASLV, SROSS-C placed in orbit series (July 10,1992) (May 20, 1992)

Launch of INSAT-2A, the first satellite of the indigenously built second generation INSAT





First developmental launch of PSLV with IRS-1E on board (September 20, 1993).





Dr. K. Kasturirangan takes over as Secretary, DOS & Chairman, ISRO (March 31, 1994)



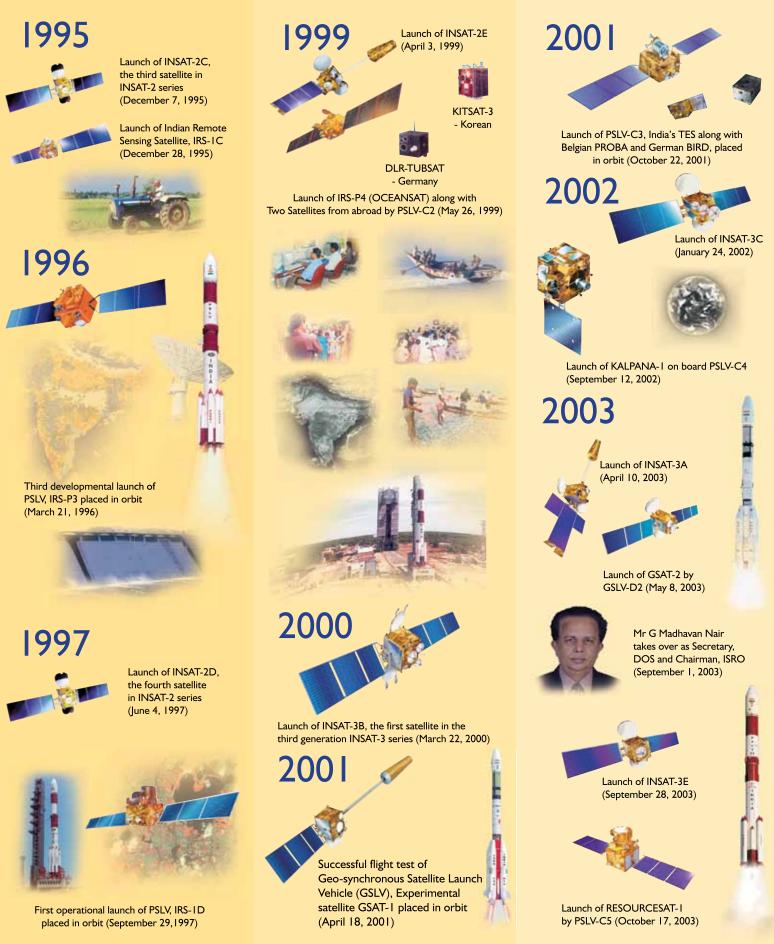


Successful launch of PSLV, IRS-P2 placed in orbit (October 15, 1994)



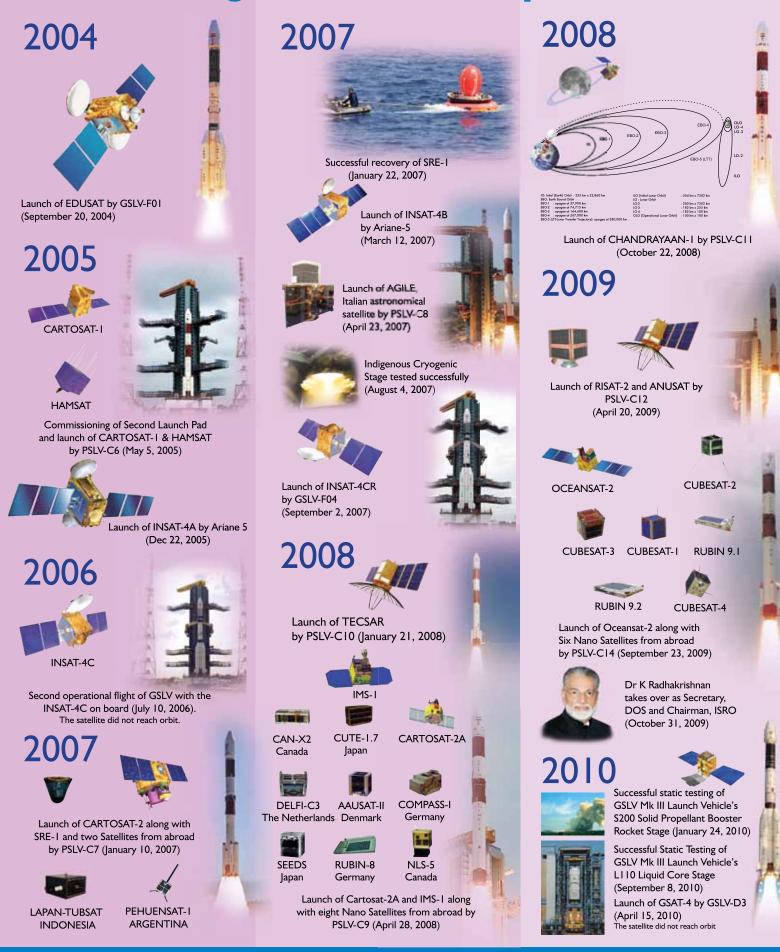
Fourth developmental launch of ASLV, SROSS-C2 placed in orbit (May 4, 1994)

## **Indian Space Research Organisation**



Space technology, in the last four decades, has firmly established its capability for socio-economic development in the country. With its unique capability to provide a synoptic view of the earth, it has unleashed a vast potential for applications in

## ...searching the realm of space



telecommunications, television broadcasting including education, meteorology, natural resources monitoring & management and Navigation. India was among the first few countries to realise the potential of space technology for national development.



(October 12, 2011)













(RLV-TD) by HS9 Solid Rocket

Booster (May 23, 2016)





Launch of SCATSAT-I and seven co-passenger satellites (PRATHAM and PISAT from India and five from abroad) by PSLV-C35 (September 26, 2016)





Launch of GSAT-18 by Ariane 5 VA-231 (October 06, 2016)











Launch of Cartosat-2 Series Satellite along with 30 co-passenger satellites including India's INS-IC and Mircosat by PSLV-C40 (January 12, 2018)

#### International co-passenger Satellites





Flock-3P' (Four) Fox-ID

LEMUR (Four)





POC-I



Micromas-2

SpaceBEE (Four)



**PICSAT** 

Corvus Bc3 (USA)

Tyvak-61C (USA)

#### 2018



CICERO-7





Telesat Phase-I LEO (Canada)



CBNT-2



CANYVAL-X

DemoSat-2



CNUSAIL-I (Republic of Korea)



KAUSAT-5 (Republic of Korea)



**SIGMA** (Republic of Korea)



STEP CUBE LAB (Republic of Korea)

## **FUTURE...**





**CHANDRAYAAN-2** 







Launch of Cartosat-2 Series

Satellite along with 30 co-passenger

(June 23, 2017)

satellites by PSLV-C38