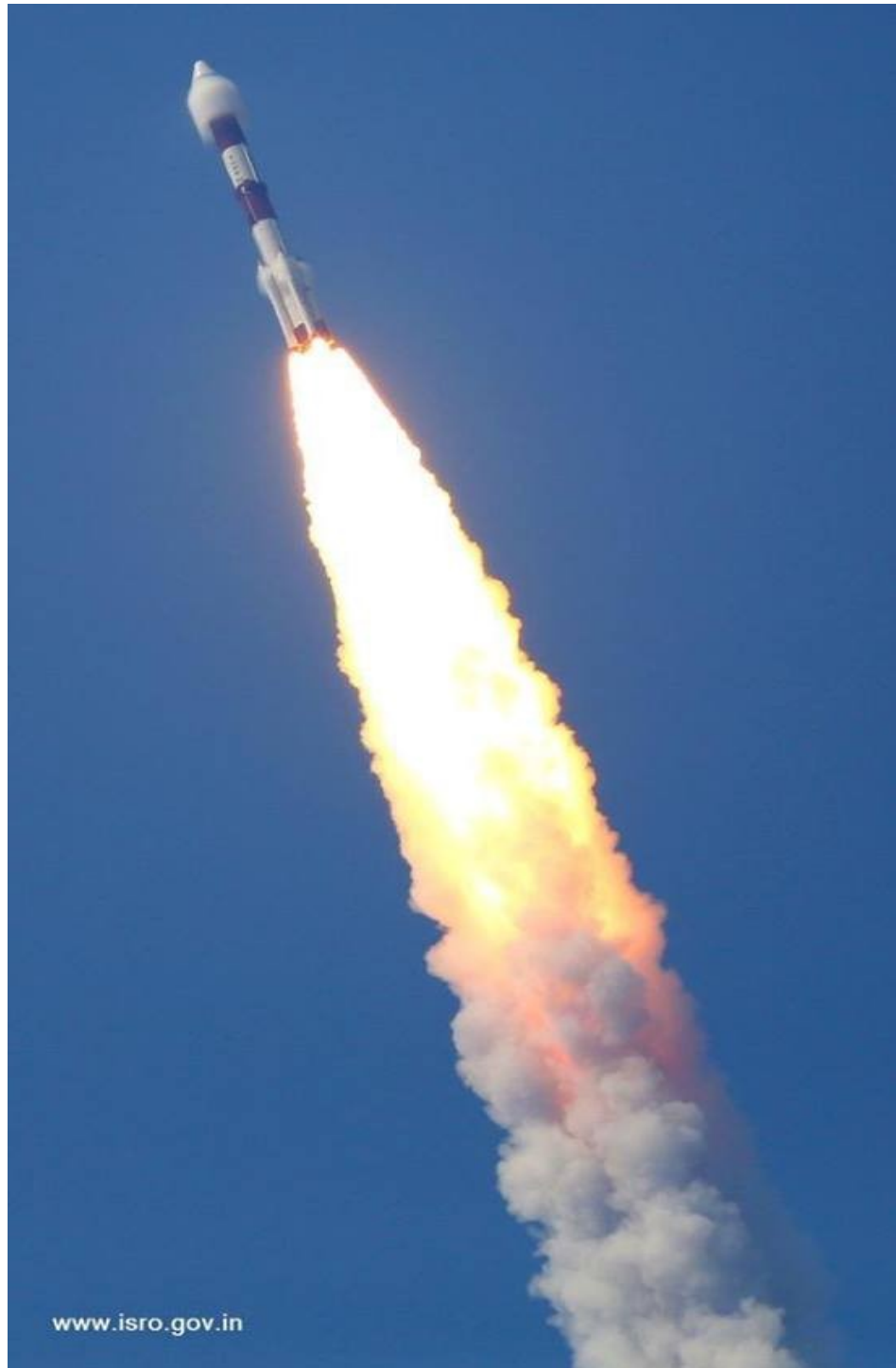


## **India year of science and technology in Switzerland : PSLV C45 successfully launches EMISAT**

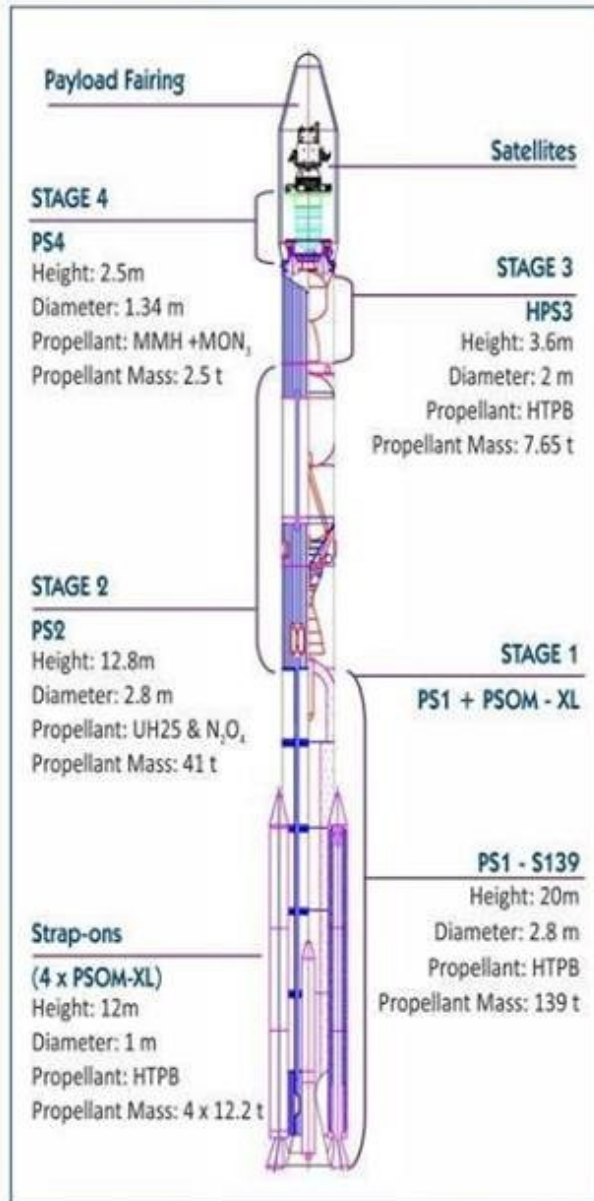
PSLV C45 successfully launches EMISAT and 28 customer satellites including from Switzerland, US, Spain and Lithuania.





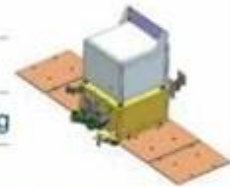
# PSLV-C45 successfully launches EMISAT and 28 customer satellites

- PSLV-C45 is the 47<sup>th</sup> flight of the Polar Satellite Launch Vehicle (PSLV)
- 1<sup>st</sup> flight of its QL variant (with 4 strap-ons)



## EMISAT

- Lift-off weight : 436 kg
- Altitude : 749 km
- Inclination : 98.376 deg
- Power : 800 W



## 28 International Customer Satellites

Country	Satellite Name	No. of Satellites
Lithuania	BlueWalker1	1
	M6P	1
Spain	Aistechsats-3	1
Switzerland	Astrocast-2	1
USA	Flock-4A	20
	LEMUR	4

## PS4 as an Orbital Platform

PS4 hosts three payloads:

1. Automatic Identification System from ISRO
2. Automatic Packet Repeating System from AMSAT India
3. Advanced Retarding Potential Analyzer for Ionospheric Studies from Indian Institute of Space Science and Technology



सत्यमेव जयते

## **EMBASSY OF INDIA**

Berne, Switzerland

(Concurrently accredited to The Holy See  
and the Principality of Liechtenstein)



# **2019-20**

## **India Science & Technology Year in Switzerland**