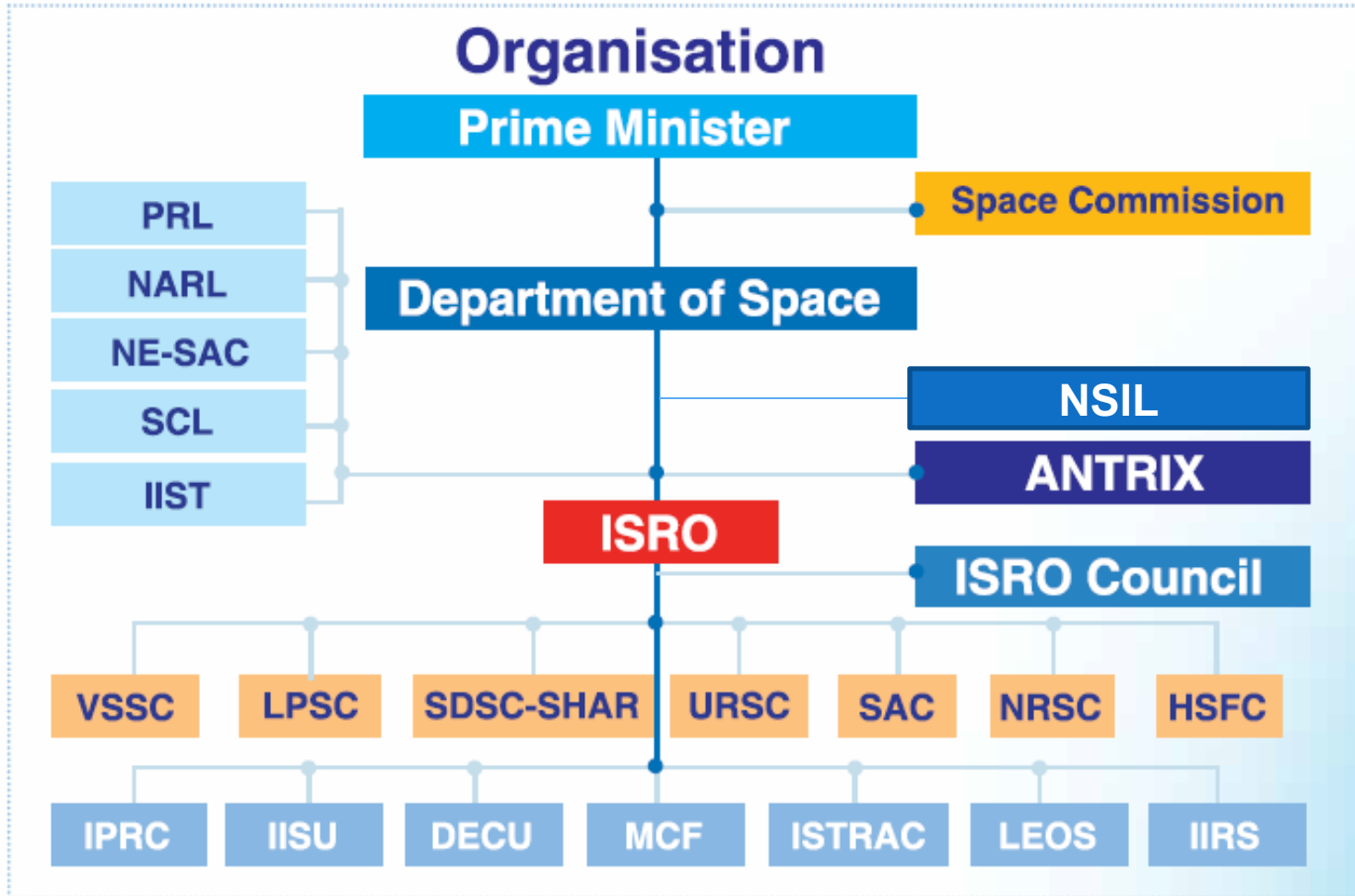




# Approach to India's Space Policy- *Space for Benefit of Humanity*



**PRL:** Physical Research Laboratory **NARL:** National Atmospheric Research Laboratory **NE-SAC:** North Eastern Space Applications Centre  
**SCL:** Semi-Conductor laboratory **IIST:** Indian Institute of Space Science and Technology **ISRO:** Indian Space Research Organisation  
**Antrix:** Antrix Corporation Limited **VSSC:** Vikram Sarabhai Space Centre **LPSC:** Liquid Propulsion Systems Centre **SDSC:** Satish Dhawan Space Centre **URSC:** U R Rao Satellite Centre **SAC:** Space Applications Centre **NRSC:** National Remote Sensing Centre **HSFC:** Human Space Flight Centre **IPRC:** ISRO Propulsion Complex **IISU:** ISRO Inertial Systems Unit **DECU:** Development and Educational Communication Unit **MCF:** Master Control Facility **ISTRAC:** ISRO Telemetry, Tracking and Command Network **LEOS:** Laboratory for Electro-Optics Systems **IIRS:** Indian Institute of Remote Sensing



*“There are some who question the relevance of space activities in a developing nation. To us, there is no ambiguity of purpose. We are convinced that if we are to play a meaningful role in the comity of nations we should be second to none in the applications of advanced technologies to the real problems of man and Society”*

## Path of Progress

### Phases of Progress

- Experimental
- Operational
- Commercialization
- Expansion

### Areas

- Earth Observation
- Communication
- Navigation
- Space Exploration

*Space Technology and Applications as tools for National Development and Governance*

- Space Transportation
- Space Infrastructure
- Space Applications
- Capacity Building

## Policy Perspectives

### ▪ International Cooperation:

- An effective policy guideline for mutual development and growth
- Cooperation with space agencies of other nations and international organizations
- Active roles in UNCOPUOS and International Forums
  - Peaceful Uses approach
  - State Party to major UN Treaties on outer space activities

### ▪ Sector wise Policy Development

- SATCOM Policy in 2000
- Remote Sensing Data Policy -2001/ 2011
- Internal Policies on Technology Transfer, Industry Human Resources, Safety..

### ▪ National Space Act - 'Space Activities Bill, 2019'

#### ▪ Objectives

- To support the overall growth of space activities in India
- To enhance the participation of non-governmental sector in space activities through a due authorization process by the Government
- Under consultation process