

Tender Heart High School
Sector: 33B, Chandigarh

Class: 5th
Subject: General Knowledge

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Teacher: Pooja Mohwal

Unit: 8th (Extra Dose)
Chapter: 68 (Style Icon)

Brightly Introduction of the chapter for the students:

Good Morning / Afternoon students, Today we will start and learn the new chapter which is related with ISRO - 'Indian Space Research Organization'; Chairman - Dr. Koppillil Radhakrishnan. In this topic we will get to know his work, achievements, contribution etc in ISRO. So let's start the chapter.

Introduction of Dr. K. Radhakrishnan:-

- Dr. Koppillil Radhakrishnan, served as the chairman of the Indian Space Research Organization from 2009 to 2014.
- Dr. K. Radhakrishnan was born on August 29, 1949, in Irinjalakuda, Kerala, India. He is great visionary leader.

ISRO - Facts

- ① Department of Space (DOS) — ISRO comes under DOS
- ② Head Quarter — Antariksh Bhawan, New BEL Road, Bangalore
- ③ Present chairman — Dr. S. Somanath (Scientist and Secretary)
- ④ Established — 1972

★ Major Role and Contributions of Dr. K. Radhakrishnan

- (1) ISRO career: He joined ISRO in 1971 and played a pivotal role in the development of the PSLV (Polar Satellite Launch Vehicle), which later became ISRO's workhorse for launching satellites into polar orbits.
- (2) Mars Orbiter Mission (Mangalyaan): one of the most notable achievements during his tenure was the successful launch and insertion of the India's Mars Orbiter Mission into Mars' orbit in 2013. This made ISRO the fourth space agency in the world to reach Mars.
- (3) Prolific satellite launches: ISRO conducted numerous satellite launches for communication, remote sensing, and navigation during his leadership.
- (4) International Collaboration: Dr. Radhakrishnan encouraged international collaboration and partnership with space agencies around the world.

→ Dr. K. Radhakrishnan received the Padma Bhushan, India's third-highest civilian award in 2014 for his outstanding service in the field of science and engineering.

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