

ISRO WILL SEND A MANNED SPACE MISSION BY DECEMBER 2021 SAY DR. K. SIVAN

ISRO chairman, K Sivan, said Saturday that the country is moving to fulfill its goal of sending a man into space by December 2021.

Kailasavadivoo Sivan, president of the Space Research Organization (ISRO), arrives to attend a press conference at its headquarters in Bangalore, India. Picture: Reuters.

He said that although the plan ISRO **'Vikram' Chandrayaan-2 module soft land** on the lunar surface was not according to the script, have no relation to the 'Gaganyaan' mission.

By stating that the orbiter Chandrayaan-2 will provide data for seven and a half years, all lunar mission technologies have proven to be accurate, except for the soft landing. "Is not it a success?" she asked.

"By December 2020, we will have our first human space mission unmanned aircraft. The second human space drone, will point to July 2021," Sivan said when addressing the eighth convocation of IIT, Bhubaneswar.

"By December 2021, the first Indian will be transported by our own rocket ... This is the purpose for which ISRO is working," he said amid loud applause from the audience.

The Gaganyaan mission is extremely important for India as it will promote scientific and technological capacity. "Therefore, we are working on a new goal," he said.

Sivan asked students to take calculated risks and innovate. "If there is no risk, no chance to achieve anything meaningful in life. Take calculated risks. When taking calculated risks is saved from problem areas".

Emphasizing innovation, he said it comes from a high level of risk and failure. "I need not tell you how many times Edison failed in the invention of the light bulb or how many times failed ISRO to launch our launch vehicles. But this failure did not become an obstacle. We (ISRO) use these failures as learning opportunities," ISRO chief said.

Sivan told the meeting: "Dr. Kalam said his dream or idea should not inspired him to sleep in the great leaders, but do not try to emulate have to find original solutions and not a copy of someone else's idea... If you want to become Dr. Kalam, do not chase her hairstyle. Follow your idea and the message he gave. "

Space scientist said that although the country can be perceived as poor by many people, ranks first in the world to send remote sensing satellites.

Despite the progress made over the past half century, there are many unresolved problems of poverty and hunger, health and sanitation and drinking water, he said, and asked citizens of IIT that arise to help solve them.

"As Gandhiji said, local problems need local solutions," said Sivan.

Professor RV Raja Kumar, Director of IIT Bhubaneswar, presided over the function in which degrees were awarded to 32 doctoral students, 105 MTech, MSc 67 and 152 BTech.