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**IIT BHUB CONVOCATION**

# By Dec 2021, India will 'send man' to space

AGENCIES

**BHUBANESWAR:** ISRO chairman K Sivan Saturday said the country is moving ahead to meet its target of sending man to space by December 2021.

K Sivan was speaking at the 8th convocation of IIT Bhubaneswar as the Chief Guest at the community centre of the institute at Argul in Jatni, Saturday.

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

He asserted that though ISRO's plan to soft land Chandrayaan-2's 'Vikram' module on the lunar surface did not go as per script, it will have no bearing on the Gaganyaan mission.

Stating Chandrayaan-2's orbiter will give data for seven and half years, he said all technologies of the moon mission have proved accurate except for the soft landing. "Is not it a success?" he asked.

"By December 2020, we will have our first unmanned mission of human space plane. The second unmanned human space plane, we target for July 2021," Sivan said addressing the gathering.

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**PROF K SIVAN | CHAIRMAN, ISRO**



"By December 2021, the first Indian will be carried by our own rocket. This is the target ISRO is working for," he said amidst loud clapping by the audience.

The Gaganyaan mission is extremely important for India as it will boost the science and technology capability of the country. "Therefore, we are working on a new target," he said.

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



Students at the convocation