



ISRO's imaging satellite HysIS is all set for launch

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ISRO's imaging satellite HysIS is all set for launch-Hyperspectral imaging camera on board can provide high definition images

- HysIS, the country's first hyperspectral imaging satellite for advanced earth observation, is slated for launch from Sriharikota.
- About 30 small satellites of foreign customers will be ferried on the PSLV launcher, numbered C-43, the Indian Space Research Organisation has announced.
- They will go into an orbit different from that of HysIS.

Clearer images

- A hyperspectral imaging camera in space can provide well-defined images that can help identify objects on earth far more clearly than regular optical or remote sensing cameras.
- The technology will be an added advantage in watching over India from space across sectors including defence, agriculture, land use and mineral exploration.
- The PSLV, flying in its core-alone format, will first release HysIS to an orbit distant 636 km after 17 minutes from launch. later, two engines will restart after an hour from launch and again — 47 minutes later — all customer satellites would be put into a lower orbit at 504 km.
- This will be the third longest mission of PSLV.

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