

# Lunar Polar Exploration (LUPEX) Mission.

March 13, 2021

**In News:** Indian Space Research Organisation (ISRO) and Japan Aerospace Exploration Agency (JAXA) on Thursday held a virtual meeting to review their ongoing cooperation in launching a joint lunar polar exploration (LUPEX) mission.

## About lunar polar exploration (LUPEX) mission

- **LUPEX** robotic lunar mission concept ISRO and JAXA.
- **Aims** to send a lander and rover to the Moon's south pole around 2024.
- It would send a lunar rover and lander to explore the South Pole region of the Moon in 2024.
- JAXA is likely to provide the under-development H3 launch vehicle and the rover
- ISRO would be responsible for the lander.
- The Lunar Polar Exploration mission would demonstrate new surface exploration technologies related to vehicular transport and lunar night survival for sustainable lunar exploration in Polar Regions.