**Chandrayaan-3**

The Indian Space Research Organisation (ISRO) has planned the Chandrayaan-3 spacecraft as their third lunar exploration mission to showcase India's capability for soft landings on celestial bodies. Unlike the previous mission, Chandrayaan-2, this spacecraft will only include a rover and lander, which will communicate with Earth using the orbiter from Chandrayaan-2. The mission is highly complex, involving various configurations, integration, and careful consideration. Additionally, several detailed tests are yet to be conducted to evaluate the spacecraft's performance.

Features of Chandrayaan 3 Spacecraft

1.Chandrayaan 3 will take its flight into outer space with a rover and lander. It will not include any orbiter like Chandrayaan 2.

2.India aims to examine the Moon’s surface, especially areas that have not been receiving sunlight in some billion years. Scientists and astronomers are suspecting the presence of ice and abundant mineral stocks in these darker parts of the lunar surface.

3.In addition, this exploration will not limit to the surface but aim to study the sub-surface and exosphere.

4.The rover of this spacecraft will communicate to earth via an orbiter taken from Chandrayaan 2.

5.It will study the surface by taking images at a distance of 100km from the lunar orbit.