

## Revolutionizing Astrophysics: A Guide to the James Webb Space Telescope

### Introduction –

“James Webb Space Telescope (JWST)” or “Webb” in concise is the premier observatory for the upcoming decades. It helps to serve around thousands of astronomers around the world and studies about each and every phase of the history of our Universe.

### Details Of The Mission –

Webb studies the history, ranging from the first luminous glows after the Big Bang, to the formation of solar systems capable of supporting life on planets like Earth, to the evolution of our own Solar System. Webb was launched on December 25th 2021. It does not orbit around the Earth like the Hubble Space Telescope which was launched on April 24, 1990 , it orbits the Sun 1.5 million kilometers (1 million miles) away from the Earth at what is called the second Lagrange point or L2.

