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Our sOlar system

The sky-theatre show *"Our Solar System"* is a forty-minute audio-visual program indigenously produced by Jawaharlal Nehru Planetarium, Bangalore.

The program first introduces the audience to the night sky as seen from Bangalore. Prominent constellations are identified and mythological stories associated with some of them narrated. Thereafter, a brief discussion about the strange motions in planets observed against the backdrop of constellations is done, leading to questions about the centre of motion of planets – Sun or the Earth. With the advent of telescopes, even moderate ones, planets came to be studied in great detail beyond what the people had seen before its invention. Telescopic explorations apart, space missions such as Voyagers and Pioneers unveiled planets in a completely new light. Thanks to these missions and some missions such as Galileo and Cassini landed to study specific planets and their satellites. As a result, we, now, have very detailed accounts of the planetary surface features. Even small bodies like comets have not been spared from our space craft bound explorations. The present planetarium show discusses all these through indigenously created 3D animations and high quality visuals provided by Zeiss. This format facilitates entire sky-theatre dome to be used for casting images / videos. It gives a new, 'immersive feel' to the audience. This is the first time in India that a full-fledged, indigenously created full-dome show has been produced in this kind of projection system.