

SSES Amt's Science College, Congress Nagar, Nagpur

Department of Physics and Physics Space Explorer Club organized
A Sky Watching Program on 8th October, 2022

Session 2022-2023





Moon



Jupiter



Saturn

Enjoy a view of a waxing gibbous moon hovering near to the "king of the planets," Jupiter, the full moon of a day before kojagiri Poornima and a gaze at Saturn

Jupiter may be the best planet for amateur astronomers to observe; viewers with small telescopes will be able to identify its bright moons, and its disk shows more illuminated surface area than all the other planets combined. A gauge at Saturn showing was also mesmerizing.

10" Dobsonian telescope with the principle parabolic mirror with a focal length of 1250 mm in combination with eyepieces bearing focal lengths 50 mm, 35 mm, 9 mm offering magnifications 25X, 36X, and 139X respectively offered a clear gaze at the moon's surface, its craters, Jupiter with its four moons and Saturn. The biggest planet in our Solar System is the gas giant Jupiter. This planet is so big that it would take around 1,300 Earths just to fill its volume! Jupiter has more than 11 times the diameter of Earth. Some scientists estimated that Jupiter were more than 70 times more massive. A photograph and a video depict the composite image of Jupiter and its 4 Galilean moons (From left to right the moons are Io, Europa, Ganymede and Callisto). All the assembled teachers and students enjoyed the gazing.