

EPIC 211945201b/k2-236b

June 23, 2019

Discovery of a **Sub-Saturn Exoplanet** around a Sun-like star

The scientific team of **Physical Research Laboratory (PRL)**, Ahmedabad, have found a sub-Saturn or super-Neptune size planet (mass of about 27 Earth Mass and size of 6 Earth Radii) around a Sun-like star.

The planet goes around the star in about 19.5days. The host star itself is about 600 light years away from the Earth. The discovery was made by measuring the mass of the planet using the indigenously designed "**PRL Advance Radial-velocity Abu-sky Search**" (**PARAS**) spectrograph integrated with 1.2m **Telescope at PRL's Gurushikhar Observatory in Mount Abu, India.**