

Dutt lab
&
Shilpee Lab
Newsletter Dec 2017



Before Newton it was Kepler!



This newsletter is dedicated to 'Kepler', the one who laid the foundation for Newton's law of gravitation

Contemporary to the Italian polymath Galileo and assistant to Danish astronomer Tycho Kepler from Germany, managed to overcome the inherent lacunae of the planetary systems suggested by both scientists. He put forward three laws of planetary motion and made the view of celestial motion we hold today.

His work disproved the geocentric model and supported heliocentric model. Newton put forward theory of universal gravitation based on these laws and showed why Kepler's laws worked. Today we understand Kepler's laws by using physics but back in time, he obtained it by observation and logic. Kepler's laws are still used to find masses of planets and distant stars even after 446 years...!

Kudos to the prodigy..!

It's Kepler's 446th Birthday this December 27

Congratulations

Dr. Prajish Iyer



CREATIVE CORNER

ज़रा सी आंधी को देख चरागों को बुझा दे हम वो शख्स नहीं ,
जिगर रखते हैं , मचलते समंदर में भी कश्ती उतार दे। ...
मोड़ लाये समंदर को अपनी जानिब इस बात का हुनर रखते है ,
कुदरत ने नवाज़ा है इस अदा से हमको , कि जहाँ भी होते है अपने होने का असर छोड़ जाते
है....

by,
Suhail