

LIST OF EXTENSION LECTURES

ORGANISED BY THE DEPARTMENT OF PHYSICS

SI No	NAME OF THE INVITEE	DESIGNATION AND ADDRESS	DATE	TOPIC DELIVERED	No. of Students Participated	VENUE
1	Sri.K.kishore	Asst Prof. of physics GDC MNCL	08/11/2019	KEPLER'S LAWS	30	GDC Bellampally



EXTENSION LECTURE - 1

Lecture given by : Sri. K.KISHORE , Lec.in Physics, GDC
Mancherial

Lecture given to the class : B.Sc (MPC & MPCs) - 1st year

Topic of the Lecture : KEPLER'S LAWS

Topic Synopsis :

Kepler's First law :

This law is known as the law of elliptical orbits. This law gives the shape of the orbit of a planet around the sun. According to this law, " the path of a planet is an elliptical orbit around the sun, with sun at one of its foci ".

Kepler's Second law :

This law is known as the law of areas. This law gives the relationship between the orbital speed of the planet and its distance from the Sun. According to this law , the radius vector , drawn from the sun to a planet , sweeps out equal areas in equal time. i.e. its areal velocity is constant.

Kepler's Third law :

This law is known as harmonic law. This gives a relationship between the size of the orbit of a planet and its times of revolution. According to this law, " the time period of the planet around the sun is proportional to the cube of the semi major axis of its orbit ".

$$T^2 \propto a^3$$

No.of students attended : 30

- 1) A.Bhagya - MPC
- 2) B. Rajitha - MPC
- 3) B.Sandeep - MPC
- 4) B.Suresh - MPC
- 5) Ch.Swapna - MPC
- 6) D.Anjanna - MPC
- 7) G.Varsha - MPC
- 8) J.Rahul - MPC
- 9) J.Sai Krishna - MPC
- 10) J.Ramya - MPC
- 11) L.Sravanthi - MPC
- 12)M.Satya narayana - MPC
- 13) N.Manasa - MPC
- 14) P.Ramadevi - MPC
- 15) P.Saiteja - MPC
- 16) R.Ravalika - MPC
- 17) S.Sravani - MPC
- 18) S.Shireesha - MPC
- 19) T.Sravanthi - MPC
- 20) V.Ravi teja - MPC
- 21) B.Ravi - MPCs
- 22) Ch.Sai Krishna - MPCs
- 23) E.Shiva Shankar - MPCs
- 24) K.Sai Nikhitha - MPCs
- 25) K.Bhavani - MPCs
- 26) M.Rajesh - MPCs
- 27) P.Anil - MPCs
- 28) S.Anirudh - MPCs
- 29) SK. Asma - MPCs
- 30) M.Praaneeth - MPCs