SL.NO	Date	Time In	Time Out	Student	Topics	Home Work / Assignment	Tutor
	DEMO	9:30 PM	10:30 PM	NEHA	• Introduction to Physical World • Uses and importance of some important phenomenon	NA	SUGUNA MARY B
1	19-Sep-20	9:30 PM	10:30 PM	NEHA	• Equilibrium of a particle • Common forces in Mechanics • Normal reaction • Friction and Brief explanation of Frictional forces	NA	SUGUNA MARY B
2	27-Oct-20	6:45 PM	7:45 PM	NEHA	• Rotational Friction (examples) • Sliding and Rotational friction in brief • Problems based on Rotational friction • Obtaining formula for Rotational Friction	NA	SUGUNA MARY B
3	3-Oct-20	6:45 PM	7:45 PM	NEHA	• Rectilinear Motion • Explanation for both Rotational and Circular Motion • Linear and Angular displacement • Angular velocity • Formulation for instantaneous and average velocity	NA	SUGUNA MARY B
4	4-Oct-20	6:45 PM	7:45 PM	NEHA	• Centripetal force • Centrifugal force • Formulation of Centripetal and Centrifugal force • Examples of both in brief • Problems based on the formula	Homework	SUGUNA MARY B
5	11-Oct-20	6:45 PM	7:45 PM	NEHA	• Introduction to Kepler's law • Kepler's laws of Planetary motion • 1st, 2nd, and 3rd law of Planetary motion • Formulation of the 3 laws	NA	SUGUNA MARY B

6	17-Oct-20	6:45 PM	7:45 PM	NEHA	• Universal law of Gravitation • Formulation for U.Law of Gravitation • Universal Gravitational Constant • Obtaining the value of U.G.Constant	NA	SUGUNA MARY B
7	17-Oct-20	6:45 PM	7:45 PM	NEHA	• Solving Problems on U.G.constant	Homework	SUGUNA MARY B
8	24-Oct-20	6:45 PM	7:45 PM	NEHA	• Accelaration due to gravity of earth • Definition and formulation of acceleration due to gravity • Value of 'g'	NA	SUGUNA MARY B
9	25-Oct-20	6:45 PM	7:45 PM	NEHA	• Solving problems on Acceleration due gravity	Homework	SUGUNA MARY B
10	7-Nov-20	6:45 PM	7:45 PM	NEHA	• Variation of 'g' above the earth's surface • Explanation & Formulation for variation of 'g' above the earth's surface	NA	SUGUNA MARY B
11	8-Nov-20	6:45 PM	7:45 PM	NEHA	• Variation of 'g' below the earth's surface • Explanation and Formulation for variation of 'g' below the earth's surface • Solving problems on variation of 'g' above and below earth's surface	NA	SUGUNA MARY B
12	14-Nov-00	6:45 PM	7:45 PM	NEHA	• Variation in 'g' due to shape of earth • Variation in 'g' due to rotation of earth (introduction)	NA	SUGUNA MARY B
13	15-Nov-20	6:45 PM	7:45 PM	NEHA	• Variation of 'g' due to rotation of earth (explanation) • Obtaining the formulation for variation of 'g' due to rotation of earth	NA	SUGUNA MARY B
14	21-Nov-20	6:45 PM	7:45 PM	NEHA	• Potential difference • Potential at a point • Gravitational potential energy	NA	SUGUNA MARY B

15	**22-Nov-20**	**6:45 PM**	**7:45 PM**	**NEHA**	**• Escape velocity • Definition and explanation • Variation of shapes of path with increase in speed • Formulation for escape velocity (introduction)**	**NA**	**SUGUNA MARY B**
16	**28-Nov-20**	**6:45 PM**	**7:45 PM**	**NEHA**	**• Obtaining the formula for escape velocity of any planet • Obtaining the formula for escape velocity of earth**	**NA**	**SUGUNA MARY B**
TOTAL	**16 DAYS**	**16 HOURS**					