Class XI   Subject: Mathematics

Class	Subject : Maths	Teacher : Raj Kumar
Ser	Items	Details
1.	Syllabus for PA - Ill	i) Straight Lines ii) Introduction to Three Dimensional Geometry (3-D) iii) Limits and Derivatives
2.	Revision Homework / Assignment	Solve :- Miscellaneous Exercise of NCERT BOOK (i) Straight Lines (ii) Introduction to Three Dimensional Geometry (3-D) (iii) Limits and Derivatives Solve MCQ of R.D Sharma i. Sets ii. Relation and Functions iii. Trigonometry iv. Complex Number v. Quadratic Equations vi. Binomial Theorem
3.	Subject Capacity Building Assignment	Activity : (i) To verify the relation between the degree measure and the radian measure of an angle. (ii) To construct different types of conic sections. (iii) To construct a parabola. (iv) To explain the concept of octants by three mutually perpendicular planes in space. (v) Verification of the geometrical signi-ficance of derivative. (vi) To construct a Pascal's Triangle and towrite binomial expansion for a givenpositive integral exponent. (vii) To demonstrate that the Arithmeticmean of two different positivenumbers is always greater than theGeometric mean. (viii) To find the values of sine and cosinefunctions in second,third and fourthquadrants using their given values in first quadrant. (ix) To prepare a model to illustrate thevalues of sine function and cosinefunction for different angles which are multiples of $\pi/2$ and π . (x) To verify distributive law for threegiven non-empty sets A, B and C, thatis, A $\cup$ (B $\cap$ C) = (A $\cup$ B) $\cap$ (A $\cup$ C)
4.	Preparatory Work for Units/ Chapters to be covered after	Conic Section