Curriculum Plan (ODD SEM 2022): B.A.(P) II Year (Semester III)
ANALYTIC GEOMETRY AND APPLIED ALGEBRA.

Teacher Profile
Dr. Abhishek Kr. Singh
Department of Mathematics
Kalindi College, University of Delhi, Delhi- 110008
Mobile: +91-9015737554

E- mail: abhishek@kalindi.du.ac.in

PHOTO

Marks Distribution	**Theory**	75 Marks
	Internal Assessment	25 Marks
		Assignments -10 Marks
		Test - 10 Marks
		Attendance - 5 Marks
Classes Assigned	**Lectures**	2 per week

Reference		**1. ANTON, BIVENS, DAVIS: CALCULUS, WILY INDIA PVT LTD.NEW DELHI. 2016.** **2. TUCKER, ALAN (2012): APPLIED COMBINATORICS (6TH ED.). JOHN WILEY & SONS.**	
	Week	**Topics**	
	Beginning days/ 1st week *26 AUG-3 SEP*	TECHNIQUES FOR SKETCHING PARABOLA.	
	2nd week 5-10 SEP	TECHNIQUES FOR SKETCHING PARABOLA.	
	3rd week 12-17 SEP	TECHNIQUES FOR SKETCHING ELLIPSE.	
	4th week 19-24 SEP	TECHNIQUES FOR SKETCHING ELLIPSE.	
	5th week 26 SEP- 1 OCT	TECHNIQUES FOR SKETCHING HYPERBOLA.	
	6th week 3-8 OCT	TECHNIQUES FOR SKETCHING HYPERBOLA.	
	7th week 10-15 OCT	REFLECTION PROPERTIES OF PARABOLA.	
	8th week 17-22 OCT	REFLECTION PROPERTIES OF ELLIPSE.	
	9th week 25-29 0CT	REFLECTION PROPERTIES OF HYPERBOLA.	
	10th week. 31 OCT- 5 NOV	CLASSIFICATION OF QUADRATIC EQUATIONS REPRESENTING LINES, PARABOLA.	
	11th week 7-12 NOV	CLASSIFICATION OF QUADRATIC EQUATIONS REPRESENTING ELLIPSE.	
	12th week 14-19 NOV	CLASSIFICATION OF QUADRATIC EQUATIONS REPRESENTING HYPERBOLA.	
	13th week 21-26 NOV	LATIN SQUARE. TABLE FOR FINITE GROUP AS A LATIN SQUARE.	
	14th week 28 NOV- 3 DEC	LATIN SQUARE AS A DESIGN OF EXPERIMENTS.	
	5-12 DEC (15TH and 16TH Week)- REVISION.		