JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
ACCREDITED BY NAAC

Lesson Plan & Tracking

Programe : B.Sc (Agriculture) | **Session : 2022 - 2026** | **Year : 2022** | **Sem: Ist**

Course: Elementary Mathematics

Name of the Faculty: Wakil Kumar | **Commencement Date: September** | **Date of Closure:**

Lecture No.	Week	Unit	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (if any)
				ICT Tool/Platform/ LMS	Resources	Activity							
1	1	1	Distance formula, section formula (internal and external division)										
2		1	Equation of straight Line in different form										
3		1	General form of equation of line										
4	2	1	Point of intersection of two st. lines and angle between them										
5		1	Condition of Parallel lines, Perpendicular lines,										
6		1	Angle of bisectors between two lines										
7	3	1	Area of triangle and quadrilateral										
8		2	Equation of circle whose centre and radius is known										
9		2	Equation of circle passing through three given points										
10	4	2	General equation of ciecle and its radius and center										
11		2	Tangent and Normal to a given circle at given point										
12		2	Condition of tangency of a line y = mx + c to the given circle x2+ y2= a2										

13	5	3	Basic concept of limit and continuity										
14		3	Basic concept of differentation and simple problems										
15		3	Rules of differentation										
16	6	3	Differentiation of functions of functions										
17		3	Differentiation by substitution method										
18		3	Maxima and Minima of the functions of the form y=f (x)										
19	7	4	Integration of simple functions, Integration of Product of two functions										
20		4	Integration by substitution method										
21		4	, Definite Integral										
22	8	4	Area under simple well-known curve										
23		4	Matrix and types of matrix										
24		4	Operation of matrix										
25	9	4	Inverse of Matrix										
26		4	Properties of determinants up to 3rd order and th										