JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : BCA	Session : 2022 - 2025	Year : 2022	Sem: Ist

Course: Mathematics Foundation for Computer Science

Name of the Faculty: Sauraw Kumar Sharma	Commencement Date: 19 September 2022	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	Determinants and properties of Determinats										
2		1	Minors,Cofactors										
3		1	Matrix and Types of Matrix										
4	2	1	Operation of matrix										
5		1	Singular and nOn singular of matrix,Inverse										
6		1	Solving Linear equation through Cramers rule										
7	3	2	Some Defination and basic of probablity										
8		2	Fundamental principle of Counting										
9		2	Permutatons and Combinations										
10	4	2	Bayes Theorem										
11		2	Random Vriable and probablity distributions										
12		2	Binomial Distributions										
13		3	Definations of vectors in 2 and 3 dimensions										

14	5	3	Double Scalar and vector										
15		3	Triple scalar and vector										
16	6	3	Applicatin of trple scalar and vector										
17		4	Basics concept of anlytic geometry										
18		4	Translation of rectangular axex										
19	7	4	Rotation of rectangular axex										
20		4	General Equation of second degree										
21		4	Reduction to standard forms and classification										
22	8	4	Equation of a straight line										
23		4	Equaton of circle										
24		4	Equation of ellipse										
25	9	4	Equation of parabola										
26		4	Equation of hyperbola										