JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : MCA	**Session : 2021- 23**	**Year : II**	**Sem: III**
Course: Data Mining and Warehousing			
Name of the Faculty: Rashmi Ranjan	**Commencement Date: 29/08/2022**		**Date of Closure: 30 Dec 2022**

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			Data Mining: Introduction										
2			Relational Databases										
3			Data Warehouses										
4			Transactional databases,										
5			Advanced database Systems and Application										
6			Data Mining Functionalities										
7			Classification of Data Mining Systems,										
8			Major Issues in Data Mining										
9			Data Processing:Data Cleaning,										
10			Data Integration and Transformation										
11			Data Reduction.										

12			Data Warehouse: Introduction										
13			A Multidimensional data Model										
14			Data Warehouse Architecture										
15			Data Warehouse Implementation										
16			Data Cube Technology										
17			From Data Warehousing to Data Mining.										
18			Data Cube Computation and Data Generalization										
19			Mining Association Rules in Large Databases:										
20			Association Rule Mining										
21			Single – Dimensional Boolean Association Rules,										
22			Multilevel Association Rules from Transaction Databases										
23			Multi-Dimensional Association Rules from Relational Databases,										
24			From Association Mining to Correlation Analysis.										
25			Classification and Prediction										
26			Issues Regarding Classification & Prediction										
27			Classification by decision Tree Induction										

28			Bayesian Classification										
29			Classification by Back propagation										
30			Classification based on concepts										
31			Association Rule Analysis										
32			Other Classification Method										
33			Prediction,										
34			Classification Accuracy.										