Lesson Plan

(Business Intelligence)

Paper Code: DS-431T

Paper: Business Intelligence

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S. No.	Topics to be covered Content	Total Lectures + Tutorial
1.	The basics of business intelligence and business decisions	1
2.	Data warehouses and its architecture	1
3.	KDD (Knowledge Discovery in Database) and its process	1
4.	Data warehouses and its role in Business Intelligence	1
5.	Creating a corporate data warehouse	1
6.	OLAP and OLTP and difference between both	1
7.	ETL and ETL process	1
8.	Tools for Data Warehousing	1
9.	Data Mining and application of Data Mining	1
10.	Applications of Data Mining in Business	1
11.	Data Mining Techniques for CRM(Customer Relationship and Management)	1
12.	Text Mining in Business Intelligence	1
13.	Web Mining, Mining e-commerce data	1
14.	Enterprise Information Management	1
15.	Executive Information Systems	1
16.	Business Intelligence, Function, Process	1
17.	Services & Tools, Application in different domains	1
18.	Operational Business Intelligence(BI)	1
19.	Customizing BI	1
20.	Managing BI projects vs. Traditional IS projects	1
21.	Managing BI projects, Best Practices in BI Strategy	1
22.	The ten key principle of KM(Knowledge Management)	1
23.	Knowledge Management Architecture	1
24.	Knowledge Management and Knowledge Processing and difference between them.	1
25.	KM(Knowledge Management) approaches	1
26.	KM Tools	1
27.	KM Infrastructure,	1
28.	KM models and types	1
29.	KM Strategies	1
	TOPIC Beyond Syllabus – Gate	1
30	Data Visualization and how it is helpful in BI	1
31.	Data cleansing and Data Transformation and how it is useful in BI	1