Lesson Plan & Work-done Diary for AY: 2024-25, ODD Semester

Course with Code: Data Visualization Lab BAIL504				Faculty: Mrs.Neethi M V			Semester & Section:5 'A'
Class No.	**Date planned (DD/MM)**	**Topics to be covered**	**TLP Planned**	**Date of Conduction (DD/MM)**	**Topics Covered**	**TLP Executed**	**Remarks if any deviation**
1.		Getting Started - Tableau Workspace, Tableau terminologies, basic functionalities..	Chalk & Talk PPT			Chalk & Talk PPT	
2.		Connecting to Data Source – Connecting to Database, Different types of Tableau Joins..	Chalk & Talk PPT			Chalk & Talk PPT	
3.		Creating a View - formatting charts, adding filters, creating calculated fields and defining parameters.	Chalk & Talk PPT			Chalk & Talk PPT	
4.		Dashboard Design and Storytelling – Components of Dashboard, Understanding how to place worksheets in Containers, Action filters and its types.	Chalk & Talk PPT			Chalk & Talk PPT	
5.		Introducing Power BI –Components and the flow of work. Power BI Desktop Interface-The Report has five main areas.	Chalk & Talk PPT			Chalk & Talk PPT	
6.		Querying Data from CSV - Query Editor, Connecting the data from the Excel Source, Clean, Transform the data.	Chalk & Talk PPT			Chalk & Talk PPT	
7.		Creating Reports & Visualizations - Different types of charts, Formatting charts with Title, Colors	Chalk & Talk PPT			Chalk & Talk PPT	

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8.		Dashboards - Filters in Power BI, Formatting dashboards.	Chalk & Talk PPT				Chalk & Talk PPT	
9.		Analysis of revenue in sales dataset:	Chalk & Talk PPT				Chalk & Talk PPT	
10.		Analysis of GDP dataset	Chalk & Talk PPT				Chalk & Talk PPT	
11.		Analysis of HR Dataset:	Chalk & Talk PPT				Chalk & Talk PPT	
12.		Analysis of Amazon Prime Dataset:	Chalk & Talk PPT				Chalk & Talk PPT	

	Activity	Planned	Actual	Remarks
1	No of Labs	12		
2	Assignments/ Quizzes/ Self-study	-		
3	Tutorials/ Extra classes	-		
4	Internal Assessments	2		
5	ICT based Teaching (% of usage in Curriculum)	100%		
Planning			**Execution**	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	