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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and**  **Tool** | **Cross-cutting issues**  **integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. | MACHINE LEARNING | 1.You'll **learn** the basics of structured **data** modeling, gain practical SQL coding experience, and develop an in-depth understanding of **data warehouse** design and **data** manipulation. You'll have the opportunity to work with large **data** sets in a **data warehouse** environment to create dashboards and Visual Analytics.  2.The **data mining** and **data warehouse** model can help the low achiever students, evaluate the course or module suitability, and tailor the interventions to increase student academic performance in **schools**  3.**Data Warehouse** is a collection of software tool that help analyze large volumes of disparate **data**. The goal is to derive profitable insights from the **data**. This course covers advance topics like **Data** Marts, **Data** Lakes, Schemas amongst others.  . | 1. Chalk and   Talk method   1. PPT | * Business   Ethics   * Human   values | PO1:Engineering Knowledge  PO2:Problem Analysis  PO3:Design/Development Of Solutions  PO4:Conduct Investigations Of Complex Problems |  |
|  |  | PO10:COMMUNICATION |
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|  |  | PSO1:Professional Skills  PSO2:Problem Solving Skill |
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|  |  | **CO1** Identify data mining problems and implement the data warehouse  **CO2** Write association rules for a given data pattern.  **CO3** Choose between classification and clustering solution. |
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