**CSEN2061P: DATABASE MANAGEMENT SYSTEMSLABORATORY**

**L T P C**

**0 0 2 1**

**Detailed syllabus:**

1. Developing an ER model using a simple use case.
2. Introducing ERD plus tool for drawing ER model
3. Familiarization of Oracle/MySQL
4. Make use of SQL DDL commands-create, alter, drop, rename and truncate
5. Use of DML commands-select, insert, update and delete
6. Work with different of operators for nested sub-queries
7. Creating Views, grouping functions and performing joins
8. Use of DCL and TCL commands
9. PL/SQL programming environment
10. Introduction to triggers and use of cursors
11. Implementation of small database project

**References**

1. James, Paul and Weinberg, Andy Oppel, SQL: The Complete References,

3/e, Tata McGraw -Hill, 2011.

2. Michael McLaughlin, Oracle Database 11g PL/SQL Programming, Oracle

Press, 2001.

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| Sl.no | Assessment | Date | Marks |
| Week wise assessment | | | |
|  | Week-1 | 24-07-2023 |  |
|  | Week-2 | 07-08-2023 |  |
|  | Week-3 | 14-08-2023 |  |
|  | Week-4 | 21-08-2023 |  |
|  | Week-5 | 28-08-2023 |  |
|  | Week-6 | 11-09-2023 |  |
|  | Week-7 | 18-09-2023 |  |
|  | Week-8 | 25-09-2023 |  |
|  | Week-9 | 09-10-2023 |  |
|  | Week-10 | 16-10-2023 |  |
| Lab Internal | | | |
|  | Lab internal-1 | 04-09-2023 |  |
|  | Lab internal-2 | 28-10-2023 |  |

**Assessment Scheme:**

| **Components** | **Weightage (%)** | **Remarks** |
| --- | --- | --- |
| 10 assessments for 10 weeks 10x4=40marks | 40 | Week wise evaluation from 3rd week onwards |
| Two Lab internals  each for 15 marks including viva(5marks) 2x15=30marks | 30 |  |
| Case study – 20marks | 20 | Team Project : Capstone project from Coursera /Usecase and |
| Record 10 marks | 10 |  |
| **Total** | **100%** |  |