**310247 Database Management System Lab**

**Course Outcome**

1. To implement the given instructions of structured databases in 2-tier architecture to demonstrate results and verification of Codd's rules for SQL using database connectivity,aggregation and indexing.
2. To write advanced SQL and NoSQL database programs using open source technologies and tools.
3. To design and develop database application.

**Course Name: -** Database Management System Lab

**CO-PO/PSO mapping:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO\PO | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| CO310247.1 | 2 | - | 3 | - | 3 | 2 | - | - | 1 | 2 | 1 | 2 |
| CO310247.2 | 2 | 1 | 2 | - | 3 | 1 | - | - | 2 | 2 | - | 2 |
| CO310247.3 | 2 | 2 | 2 | 1 | 3 | 3 | - | 2 | 3 | 3 | 2 | 2 |
| Overall | 2 | 1 | 2 | 1 | 3 | 2 | - | 2 | 2 | 2 | 1 | 2 |

**PSO-I**

**Modeling Software Systems and Applications**

Design model program and test software systems and applications in varying domains including Networks, Embedded systems, Advance storage management systems and web technologies.

**PSO-II**

**Advance Programming and FOSS tools**

Implement algorithmic techniques and FOSS tools by virtue of advance programming skill set**.**

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| **CO/PSO** | **PSOI** | **PSOII** |
| **CO1** | 1 | 1 |
| **CO2** | 2 | 1 |
| **CO3** | 3 | 1 |
| **Overall** | 2 | 1 |