**Department of IT & CS**

**Course Instructor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dated: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Semester: Fall 2023**

**COMP-201L**

**Lab 09: Hash Functions**

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|  |  | **CLO1** | **CLO2** | **CLO3** |  |
| **Name** | **Reg. No.** | **Lab Tasks Marks**  **20** | **Report**  **Marks**  **5** | **Viva**  **Marks**  **5** | **Total**  **Marks**  **30** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Lab Task 1:**

**Hash Function Implementation (Division Method)**

**Lab Task 2:**

**Chaining Hash Table**

**Lab Task 3:**

**Open Addressing Hash Table (Linear Probing)**

**Lab Task 4:**

**Open Addressing Hash Table (Double Hashing)**