**COMPUTER ENGINEERING DEPARTMENT**

**BDA Assignment 1**

COURSE: **B.E.** YEAR: **2020-2021** SEMESTER: **VII** DEPT: **Computer Engineering**

SUBJECT CODE: **CSDLO7032** DATE OF ASSIGNMENT: **08-10-2021** ===========================================================================

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| CLASS: **COMPS BE B** | DATE OF SUBMISSION: **08-10-2021** |

| **Sr. No.** | **Questions** |
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| **1** | Explain Hadoop Ecosystem with core components. Explain its Physical architecture. State Limitations of Hadoop. |
| **2** | What is MapReduce? Explain How Map and Reduce Work? What is Shuffling in MapReduce? |
| **3** | What is NoSQL? What are the business drivers for NoSQL? Discuss any two architectural patterns of NoSQL. |

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**Signature of Student**