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| customLogo.JPG | **Galgotias University**  Plot No.2, Sector 17-A, Yamuna Expressway, Greater Noida, Gautam Buddh Nagar, U.P., India |

**BSCS2441- Software Engineering Lab**

**LIST OF EXPERIMENTS**

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| Sr. No. | Title of Lab Experiments |
| **1.** | **Identify the project and prepare the SRS document for the project** |
| **2.** | **Getting familiarized with the Unified Modeling Language (UML) Environment.** |
| **3.** | **Modeling Data Flow Diagrams (at level 0,level 1 & level 2) for the chosen project.** |
| **4** | **Modeling E-R diagram for the chosen project.** |
| **5** | **Working with the Use-case diagrams and capturing Use case scenarios.** |
| **6.** | **Working with the Activity Diagrams for the chosen project.** |
| **7.** | **Working with the ClassDiagrams for the chosen project.** |
| **8.** | **Working with the Sequence Diagramsfor the chosen project.** |
| **9** | **Working with the State chart Diagrams for the chosen project.** |
| **10.** | **Coding of the selected project** |
| **11.** | **Test cases design and program testingfor the chosen project.** |

**Projects (Students can choose other than from the below mentioned projects)**

1. Student Result management System
2. Library management system
3. Automatic Teller Machine
4. Railway/Flight Reservation System
5. Hotel/Restaurant Management System
6. Blood Bank System
7. Online Banking System

**Value Added List of Experiments**

1. **Introduction to Any Software testing tool.**
2. **Integration testing of their System**

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| **Name & Signature of Lab Coordinator** | **Priyanka Shukla** |

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