

## SAVITRIBAI PHULE PUNE UNIVERSITY

Department Of Technology

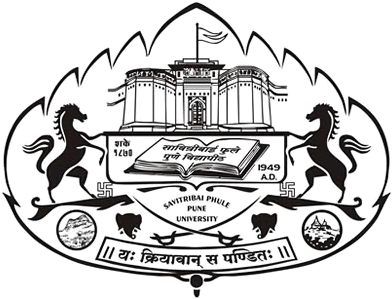
SEMESTER – II

BLockchain LAB

Academic Year – 2024-2025

Course – Bachelor of Data Science

LAB MANUAL





## SAVITRIBAI PHULE PUNE UNIVERSITY

Department Of Technology

BSc. Data Science SEMESTER – II

Subject Name: BLockchain Lab

Name:

### Roll No:

Submission Date:

### Subject Teacher: Divesh Jadhwani

Internal Examiner External Examiner HOD Course Coordinator Signature Signature Signature Signature

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| --- | --- | --- | --- |
| SR.  NO. | LIST OF EXPERIMENTS | DATE | SIGN |
| 1. | Demonstrate python operation for blockchain | 26/2/2025 |  |
| 2. | Demonstrate any simple ledger | 5/3/2025 |  |
| 3. | Demonstrate a simple hospital ledger using list of dictionaries.(without hashing) | 12/3/2025 |  |
| 4. | Demonstrate an advanced hospital ledger. (without hashing) | 19/3/2025 |  |
| 5. | Demonstrate hashlib library operations | 26/3/2025 |  |
| 6. | Demonstrate a secured and optimized performance ledger | 2/4/2025 |  |
| 7. | Demonstrate creation of a block in block chain (without hashing) | 9/4/2025 |  |
| 8 | Demonstrate block structure (without hashing) | 16/4/2025 |  |
| 9. | Demonstrate block structure (with hashing) | 23/4/2025 |  |
| 10. | Demonstrate creation of blockchain (with hashing) | 30/4/2025 |  |

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