**LAB SCHEDULE**

**Name of the dept. : ECE class : IV –I , ECE-C**

**Lab name : VLSI LAB year : 2016-17**

**LIST OF EXPERIMENTS**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Date & Session | Ex.1 | Ex.2 | Ex.3 | Ex.4 | Ex.5 | Ex.6 | Ex.7 | Ex.8 | Ex.9 | Ex.10 |
| 1 | 1.7.16(A.N) | B1,B6 | B2,B7 | B3,B8 | B4,B9 | B5,B10 |  |  |  |  |  |
| 2 | 15.7.16(A.N) | B11,B16 | B12,B17 | B13,B18 | B14,B19 | B15,B20 |  |  |  |  |  |
| 3 | 19.8.16(A.N) | B2,B7 | B3,B8 | B4,B9 | B5,B10 | B1,B6 |  |  |  |  |  |
| 4 | 1.9.16(A.N) | B12,B17 | B13,B18 | B14,B19 | B15,B20 | B11,B16 |  |  |  |  |  |
| 5 | 9.9.16(A.N) | B3,B8 | B4,B9 | B5,B10 | B1,B6 | B2,B7 |  |  |  |  |  |
| 6 | 16.9.16(A.N) |  |  |  |  |  | B1,B6 | B2,B7 | B3,B8 | B4,B9 | B5,B10 |
| 7 | 30.9.16(A.N) |  |  |  |  |  | B11,B16 | B12,B17 | B13,B18 | B14,B19 | B15,B20 |
| 8 | 14.10.16(A.N) |  |  |  |  |  | B2,B7 | B3,B8 | B4,B9 | B5,B10 | B1,B6 |
| 9 | 21.10.16(A.N) |  |  |  |  |  | B12,B17 | B13,B18 | B14,B19 | B15,B20 | B11,B16 |
| 10 | 21.10.16(A.N) |  |  |  |  |  | B3,B8 | B4,B9 | B5,B10 | B1,B6 | B2,B7 |
| 11 | 29.6.16(FN) | B13,B18 | B14,B19 | B15,B20 | B11,B16 | B12,B17 |  |  |  |  |  |
| 12 | 13.7.16(FN) | B4,B9 | B5,B10 | B1,B6 | B2,B7 | B3,B8 |  |  |  |  |  |
| 13 | 17.8.16(FN) | B14,B19 | B15,B20 | B11,B16 | B12,B17 | B13,B18 |  |  |  |  |  |
| 14 | 30.8.16(FN) | B5,B10 | B1,B6 | B2,B7 | B3,B8 | B4,B9 |  |  |  |  |  |
| 15 | 7.9.16(FN) | B15,B20 | B11,B16 | B12,B17 | B13,B18 | B14,B19 |  |  |  |  |  |
| 16 | 14.9.16(FN) |  |  |  |  |  | B13,B18 | B14,B19 | B15,B20 | B11,B16 | B12,B17 |
| 17 | 28.9.16(FN) |  |  |  |  |  | B4,B9 | B5,B10 | B1,B6 | B2,B7 | B3,B8 |
| 18 | 5.10.16(FN) |  |  |  |  |  | B14,B19 | B15,B20 | B11,B16 | B12,B17 | B13,B18 |
| 19 | 19.10.16(FN) |  |  |  |  |  | B5,B10 | B1,B6 | B2,B7 | B3,B8 | B4,B9 |
| 20 | 19.10.16(FN) |  |  |  |  |  | B15,B20 | B11,B16 | B12,B17 | B13,B18 | B14,B19 |
| 21 | 28.10.16(A.N) | B1-B10 Internal exam | | | | |  |  |  |  |  |
| 22 | 26.10.16(FN) |  |  |  |  |  | B11-B20 internal exam | | | | |

1)Logic gates

2) Full adder

3) 2 to 4 and 3 to 8 decoder

4) 2-bit comparator

5) SR & D Flip-flop

6) JK & T Flip-flop

7) 8 to 1 multiplexer and 1 to 8 demultiplexer

8) 8 to 3 encoder

9) 3- bit parity generator

10) 3-bit binary to gray code generator