



VLSI FOR ALL

CONNECTING STUDENTS TO THE SEMICONDUCTOR INDUSTRY

**Detailed Syllabus for 6 Months Advanced VLSI
Course with Job Assistance**

S.No.	Modules	Hours (Roughly)
1	Digital Electronics	40
2	Verilog Concepts	30
3	Verilog Coding Practice	40
4	4 Mini Projects of Verilog	12
5	4 Protocol Based Major Verilog Projects	24
6	FIFO Concepts with Code Implementation	10
7	Advanced RTL Concepts (CDC, Lint, Metastability, Low Power Design, etc)	20
8	Static Timing Analysis (STA Concepts with Numericals)	20
9	CMOS & Fabrication Concepts	15
10	System Verilog & OOps Concepts	40
11	System Verilog Coding Practice	25

12	Assertion Concepts with Coding	10
13	Functional Verification & Coverage Concepts	15
14	UVM Concepts in Detail with Practice	50
15	2 System Verilog based Verification Projects	20
16	2 UVM based Verification Projects	20
17	Linux with Practice	10
18	Perl with Practice	20
19	TCL with Practice	20
20	Basics of Backend VLSI & Physical Design	30
21	Mock Interviews	Minimum 2 Mock per Student
22	5000+ Interview & Test Practice Questions with Solutions	100 Hour+ Recording Sessions
23	Resume Building	-
24	Job Assistance till 1.5 Year	-
25	Recording of all above modules for 1 Year in VLSI FOR ALL e-Learning Application	-

Whatsapp Us : (+91) 9643070368 for any Queries