








Sl. No.	Name of courses	Career Prospects of Courses	List of Companies
1	Modelling and Analysis of Semiconductor Devices	Demonstrate the basic knowledge of the fabrication of semiconductor devices, fabrication of low power devices, communication system, IC fabrication technology, Various kind of amplifier, large scale integrated circuit.	
2	Fundamentals of VLSI Design	Designing of chips, microprocessor, and computer hardware	
3	VLSI Technology	Designing of chips, microprocessor, and computer hardware. Designing of various electronics devices, sensor, microcontroller, clock, timers. Switches MEMS, memories	
4	DSP for VLSI	Design of processors.	
5	ASIC Design and FPGAs	Designing of traffic controller, digital camera, micro controller	
6	Computer Aided Design for VLSI	Work on algorithm based software,	

7	Embedded Systems Design	Designing of various hardware , controller, microprocessor, and electronics devices, microcontroller, sensors, MEMS, Set top box ICs	
8	VLSI Testing and fault Tolerance	Analysing the gate level fault of the circuit	