


Enrollment No						
Course Name	Orcade capture					
TraineeName						
Trainer Name						
Module Name	Days	Topic	Sub-Topics	Trainee Sign	Trainer Sign	Date
Orcade Capture	Day - 1	Introduction of Embedded Product and Hardware design Overview and Basics	Introduction of Embedded System/product			
	Day - 2		Product Design - Process, Flow of designing a product			
	Day - 3		Product Design - Steps, Roles, Responsibility and Outcomes and Tools used and Fundamental Requirements and Terms			
	Day - 4	Product Architecture & Specifications	Major Component selection			
	Day - 5					
	Day - 6		Product Definition to Schematic Design Process			
	Day - 7	Interpreting Datasheets and How to select components in Board Design flow from B.O.M perspective	Understanding the online Support for selecting components			
	Day - 8					
	Day - 9		Discrete component datasheets, Specifications, Interpretation and			
	Day - 10					
	Day - 11	Overview of pcb design	Types of pcb used, various pcb technique terminologies			
	Day - 12		basic standard reference designator, their schematic symbol, library creation			
	Day - 13	soft skill session-1.				
	Day - 14	Cadence OrCAD Features and Tool flow in Schematic design	How to setup project in orcade capture, how to download component library from online			
	Day - 15		Placing parts, wiring, Libraries, symbols in orcade capture			
	Day - 16		Annotation and DRC in schematic			
	Day - 17		Creating schematic design			
	Day - 18					
	Day - 19		Generating BOM and Creating Netlist			
	Day - 20					
	Day - 21		LT Spice / TINA TI Tool-Simulation Tool	Features, Circuit Design and Parameters.		
	Day - 22					
	Day - 23	Examples, Exercise				
	Day - 24	soft skill session-2.				
	Day - 25	Practical example	Schematic design of project			
	Day - 26					
	Day - 27					
Exam Result						
Comment						