Enrollment No							
Course Name		Fundamental of Electronics					
TraineeName							
Trainer Name							
Module Name	Days	Topic	Sub-Topics	Trainee Sign	Trainer Sign	Date	
Fundamental of Electronics	Day - 1	Introduction to Analog and Digital Electronics	Introduction to AC and DC supply and various terms we are using in that. Eg rms value, peak to peak value.				
	Day - 2	Properties and types of Passive Components	Introduction of Hardware Resistors,Capacitors,Inductors and their working,Ferrite Beads and its working.				
	Day - 3		Optocouplers,Switches				
	Day - 4	Properties and types of active Components	Types of Diodes,Transistor,IGBT and MOSFET and their working				
	Day - 5						
	Day - 6		SCR,Diac,Triac and their working				
	Day - 7	Linear Circuits	Basics of Op amp and its Characteristics				
	Day - 8		Application of OpAmp - Amplifiers, Differentiators				
	Day - 9		Application of OpAmp - Integrators and Linear electronic filters and Example of OpAmps				
	Day - 10	Digital Circuits	Basic of Digital				
	Day - 11		Combinational Circuits				
	Day - 12		Sequential Circuits				
	Day - 13	Understanding behavior of real components	Live example and Use cases of All Components - 1,				
	Day - 14	Soft skill session-1					
	Day - 15	Processing Unit	Microcontrollers				
	Day - 16		Microprocessors				
	Day - 17	Protocols	UART, SPI, I2C,				
	Day - 18		USB,Ethernet				
	Day - 19		Display HDMI,Bluetooth (Wireless)				
	Day - 20		CAN, RF, Zigbee				
	Day - 21	Peripherals	GPIO, ADC and DAC				
	Day - 22		Basic of Memory				
	Day - 23		Timer and its application using uC				
	Day - 24	Soft skill session-2					
	Day - 25	Assignment Solutions					
	Day - 26	Exam					
Exam Result							
Comment							