Enrollment No						
Course Name		AVR Microcontroller(ATMEL Atmega32)			TLAB	
Trainee Name					BRIDGING THE GAP	
Trainer Name						
Module Name	**Days**	**Topic**	**Sub-Topics**	**Trainee Sign**	**Trainer Sign**	**Date**
AVR Micro-Controller	Day-1	Introduction	Introduction of Embedded System			
	Day-2	Architecture of ATMEL ATmega32	Hardware Details			
	Day-3		PIN Diagram			
	Day-4		Functional Block Diagram			
	Day-5		Basic Functionality			
	Day-6		Memory Organization			
	Day-7	Programming Concepts	Cross Compiler			
	Day-8		Embedded C language implementation			
	Day-9		Programming & debugging			
	Day-10		Library reference			
	Day-11		Softskill			
	Day-12	IO Device Interface and practical	Study of Input Output Devices			
	Day-13		LED			
	Day-14		Switch Interfacing			
	Day-15		LED with Switch Interfacing			
	Day-16	On-chip Peripherals study and programming	UART			
	Day-17		ADC			
	Day-18		I2C			
	Day-19		SPI			
	Day-20		Difference between I2C and SPI			
	Day-21	Timers	Timers			
	Day-22	Interrupts,PWM	Counters			
	Day-23		Interrupt			
	Day-24		Type of interrupt			
	Day-25		PWM			
	Day-26	Real Time Example	Matrix Keyboard			
	Day-27		Programming Matrix Keyboard			
	Day-28		16*2 LCD Display			
	Day-29		Softskill			
	Day-30		Exam			