

Enrollment No						
Course Name	MSP430 Microcontroller					
Trainee Name						
Trainer Name						
Module Name	Days	Topic	Sub-Topics	Trainee Sign	Trainer Sign	Date
MSP430 Micro-Controller	Day-1	Introduction	Introduction of Embedded System			
	Day-2	Architecture of MSP430G2553	Hardware Details			
	Day-3		PIN Diagram			
	Day-4		MSP430 Architecture			
	Day-5		Code Composer Studio			
	Day-6	Programming Concept	Cross Compiler			
	Day-7		Embedded C Language Implementation			
	Day-8		Programming & Debugging			
	Day-9		Library Reference			
	Day-10		Softskill			
	Day-11	Oscillator and Clock Configuration	Clock Configuration			
	Day-12	IO Device Interface and practical + Port Interrupt	Study of Input Output Devices			
	Day-13		LED, Switch Interfacing			
	Day-18	On-chip Peripherals study and Programming	UART			
	Day-19		ADC			
	Day-20		I2C			
	Day-21		SPI			
	Day-22	Timer(Watchdog timer, timer, PWM)	Watchdog Timer			
	Day-23		Timer & Counters			
	Day-24		PWM			
	Day-25	Timer(Watchdog timer, timer, PWM) Real Time example	LPM Mode Configuration			
	Day-26		16*2 LCD Display			
	Day-27		Matrix keyboard			
	Day-28		Softskill			
	Day-30		Exam			