

LPC 2138 session wise Breakup

		Topics	Theory	Lab	Total No of hours
DAY 1	Introduction to ARM-7 TDMI S	Introduction to ARM-7 TDMI S core	1Hrs		1Hrs
		Types of Memory			
		System Control Block			
		AMBA Bus Architecture			
		Introduction to Keil UV2			
	Embedded C and Peripheral Interfacing	ARM-7 LPC 2138 GPIO,Pin Configuration	1Hr	4Hr	
		LED Blinking			
		LCD Interfacing	1Hr		
		ADC Interfacing	1Hr		
		External Interrupt	1 Hr		
Day2	Peripheral Interfacing	Vectored Interrupt Controller	2 Hr	6Hr	
		USART	1 Hr		
		Timers	2 Hr		
Day 3	Peripheral Interfacing	I2C Interfacing	2 Hr	6 Hr	
		PWM	1 Hr		
		SPI	2 Hr		