ARDUINO session wise Breakup

		Topics	Theory	Lab	Total No of hours
DAY 1	Introduction to Arduino Microcontrollers	Getting started with Arduino	1Hrs		1Hrs
		Setup Arduino IDE			
	I/O PORT	LED Blinking	1Hr	1Hr	2Hrs
		Delay Creation			
		Interfacing a switch			
		Wiring the Circuit and download the program			
	LCD Interfacing	Display your name	1Hr	2Hrs	3Hrs
		Wiring the Circuit and download the program			

DAY 2	Serial Prot Interfacing	USART basics and Programming	1Hrs	1Hr	2Hrs
		Display the data transmitted from the PC in the LCD			
		Interfacing with Wireless Modules(Zigbee,Bluetooth).Wiring the circuit		1Hr	1Hr
	Analog to Digital Converter interfacing	ADC basics and interfacing	1Hr	1Hr	2Hrs
		Display the temperature reading from the sensor in the LCD		1Hr	1Hr
		Transmit the Temperature reading to the PC			
Day3	DC Motor Interfacing	Controlling dc motor through wireless medium	1Hr	2Hrs	3Hrs
	Servo Motor	PWM basics			
		Servo Motor interfacing			
	GPS and GSM interfacing	Controlling a device through sending the message	1 Hr	2Hrs	3Hrs
		Reading a message			
		Track your Position using GPS			