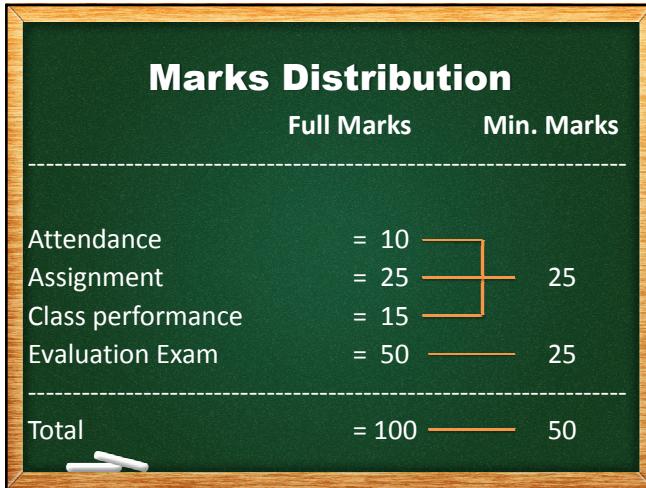




COURSE CONTENT		
SR.No.	Topics	Projects
1	Introduction to Microcontroller and C Programming	
2	Digital Logic and Number System	
3	Electronics circuit design and PCB Design	
4	Power Supply, PCB Design and Soldering	Project-1,2
5	Starting with Microcontroller	
6	I/O port Programming	Project-3,4
7	Input and Output device Interfacing	Project-5,6,7
8	Interrupt	Project-8,9
9	Analog to Digital Converter (ADC)	Project-10,11
10	Microcontroller Timer	Project-12,13,14
11	Pulse Width Modulation (PWM)	Project-15,16
12	USART Communication	Project-17,18
13	I2C and SPI Communication	Project-19,20
14	Review/Make-up Classes & Assigning projects	Time: 28 days
15	Evaluation Exam	Time: 1.5 Hour



✓ Participation in the exam
and
✓ Submission of assigned project

Is mandatory for getting the course certificate.

