Embedded Systems

Session	Topic	PPT	Recordings
Lec 1 4/1	Overview of embedded systems	Slides	Lecture
Lec 2 7/1			Lecture
Lec 3 8/1			Lecture
Lec 4 11/1	Design Considerations of Embedded Systems	Slides	Lecture
Lec 5 15/1	Arch of ARM	Slides	Lecture
Lec 6 19/1	ARM ISA	Slides	Lecture
Lec 7 21/1	ARM ISA		Lecture
Lec 8 22/1	ARM ISA, Intro to ARM Cortex-M4F and its peripherals	Slides	Lecture
Lec 9 25/1			Lecture
Lec 10 28/1	Input Output Devices	Slides	Lecture
Lec 11 29/1		Slides	Lecture
Lec 12 1/2	Digital to Analog World	Slides	Lecture
Lec 13 4/2	Analog to Digital	Slides	Lecture
Lec 14 5/2			Lecture
Lec 15 8/2	Discussion session		Lecture
Lec 16 11/2			Lecture
Lec 17 12/2			Lecture
Lec 18 15/2			Lecture
Lec 19 18/2			Lecture
Lec		Slides	Lecture

Practice

Session	Topic	PPT	Recordings
Intro session			Lecture
Practice 1	Blinking LEDs	Slides	Lecture
Practice 2	Blinking LEDs using switch	Slides	Lecture
Practice 3	Blinking LEDs using 2 switches	Slides	

Session	Topic	PPT	Recordings
Practice 4	DAC using R-2R ladder	Slides	Lecture
Practice 5	ADC to digital conversion	Slides	Lecture