

Department: Electronics and Communication Engineering

Subject name: Microcontroller Laboratory

Subject code: P18ECL47

Sem: IV

Sl No	Experiment Name	Video link
1	Introduction to MSP 430 Starter kit New	https://youtu.be/AzGeTzSb_ic
2	LED interface with MSP430 MC board	https://youtu.be/gsj3ulS2Nnw
3	Sin wave generation using MSP430 MC	https://youtu.be/-D8jqQ-OPpI
4	Triangular wave generation using MSP430 MC	https://youtu.be/L2qIzS8Erhw
5	Square wave generation using MSP430 MC	https://youtu.be/jnFokcD2dTw
6	Stepper motor interfacing with MSP430 MC	https://youtu.be/Wfw18587SV0

Department: Electronics and Communication Engineering

Subject name: Verilog HDL Laboratory

Subject code: P18ECL48

Sem: IV

Sl No	Experiment Name	Video link
1	Elevator Program	https://youtu.be/YMLhhUENkOg
2	Flip-Flops	https://youtu.be/TjW8ktJ4-N4 https://youtu.be/rnoqOjnJzIQ
3	Hexa-keypad Display	https://youtu.be/JeqUm0fAqSg
4	LCD Display	https://youtu.be/gLS8yuRQJyg

Department: Electronics and Communication Engineering

Subject name: Circuit Simulation Laboratory (OrCAD)

Subject code: P17ECL67

Sem: VI

SI No	Experiment Name	Video link
1	Full Adder Circuit PCB Design for Foundary:Part-1	https://youtu.be/lz5z01GeWd4
2	Full Adder Circuit PCB Design for Foundary:Part-2	https://www.youtube.com/watch?v=29-GQRumy4
3	Full Adder Circuit PCB Design for Foundary:Part-3	https://www.youtube.com/watch?v=3bEEJGG06kk
4	Full Adder Circuit PCB Design for Foundary:Part-4	https://www.youtube.com/watch?v=C5VrkyrgBV0

Department: Electronics and Communication Engineering

Subject name: Microwave and Digital Communication Laboratory

Subject code: P17ECL68

Sem: VI

SI No	Experiment Name	Video link
1	Demonstration of DPCM Modulation- Demodulation and Observation of Quantization Noise	https://youtu.be/txMNLQ7kAc
2	Measurement of Directivity and Gain of Micro strip Yagi Antenna	https://youtu.be/4iaGgzOVLMY
3	Measurement of resonance characteristics of a micro strip ring resonator and determination of dielectric constant of a substrate	https://youtu.be/S7JcUyqfybk
4	Measurement of power division and isolation characteristics of a micro strip -3db power divider	https://youtu.be/gMnk1MzXCaQ