PROG, BRANCH,	**B. E., E. C. E**
YEAR, SEMESTER, SECTION	**II / IV, -**
SUBJECT	**17ECCC85 -LINEAR INTEGRATED CIRCUITS & MICROCONTROLLERS LAB**
ACADEMIC YEAR	**2020-2021 (EVEN SEMESTER)**

LIST OF EXPERIMENTS:

LINEAR INTEGRATED CIRCUITS LAB

Design

1. Inverting, Non-Inverting and Differential Amplifier.

2. Integrator, Differentiator, Comparator and Schmitt trigger.

3. Active LPF and HPF.

4. Astable and Monostable Multivibrators using IC 555

5. Voltage regulation using IC 723

MICROCONTROLLERS LAB

6. 8086 & 8051 Assembly language program for Arithmetic Operations.

7. 8051 Assembly language program for Logical, Interrupt & UART Operations.

8. Interfacing DAC to Microcontroller and generate Square, Triangular and Saw –tooth waveforms.

9. Interfacing ADC to Microcontroller.

10. Interfacing Stepper Motor to 8051 and operate it in Clockwise and Anti-Clockwise directions.

HOD / ECE