



## Department of Electronics & Telecommunication Engineering

*"Emerge as a center for quality education in Electronics & Telecommunication Engineering, so as to create competent professionals"*



# INDEX SHEET

**Name:****Year:****Semester:****Section:****Subject:** Analog Circuit Design (ACD)**Roll No. :****No. of Experiment in Journal:**

Sr. No.	Name of Experiment	Date of performance	Grade	Signature of Teacher
0	Know your laboratory			
1	To verify the operation of OP-AMP in inverting and non-inverting amplifier mode and inspect the effect of change in frequency on gain.			
2	To verify the operation of Op-Amp as an Integrator and determine the band of frequency for faithful integration.			
3	To verify the operation of OP-AMP as a Differentiator and determine the band of frequency for faithful differentiation.			
4	To design Schmitt Trigger using OP-AMP and to calculate hysteresis curve parameters			
5	To design Precision rectifier using OP-AMP.			
6	To design astable multivibrator with output frequency 1.5 KHz and 75% duty cycle and to verify the operation of monostable multivibrator using IC 555.			
7	To design Clipper circuit using OP-AMP and to observe the effect of change in application of reference voltage.			
8	To design Clamper circuit using OP-AMP and to observe the effect of change in application of reference voltage.			