

Videos on laboratory courses:

Sl. No	Semester	Subject	Topic	You Tube Link
1.	IV	Analog Circuits LAB 18ECL48	<p>1. Design and set-up BJT/FET i) Colpitts Oscillator ii) Crystal Oscillator.</p> <p>2. Design active second order Butterworth low pass and high pass filters.</p> <p>3. Test a comparator circuit and design a Schmitt trigger for the given UTP and LTP values and obtain the hysteresis.</p> <p>4. Design 4 bit R – 2R Op-Amp Digital to Analog Converter (i) Using 4 bit binary input from toggle switches (ii) By generating digital inputs using mod-16 counter.</p> <p>5. Design Monostable and a stable Multivibrator using 555 Timer.</p>	<p><a href="https://youtu.be/1Q2x3u6VAc4">https://youtu.be/1Q2x3u6VAc4</a>  <a href="https://youtu.be/o0GH_h18ZEK">https://youtu.be/o0GH_h18ZEK</a>  <a href="https://youtu.be/XvUAZ8vo5hk">https://youtu.be/XvUAZ8vo5hk</a></p> <p><a href="https://youtu.be/twmo7YM7eXc">https://youtu.be/twmo7YM7eXc</a>  <a href="https://youtu.be/KBIGI6py2KI">https://youtu.be/KBIGI6py2KI</a></p> <p><a href="https://youtu.be/DeGQ3zA2NTc">https://youtu.be/DeGQ3zA2NTc</a></p> <p><a href="https://youtu.be/0qeFyOXt8I0">https://youtu.be/0qeFyOXt8I0</a>  <a href="https://youtu.be/5xHTmR1qDww">https://youtu.be/5xHTmR1qDww</a></p> <p><a href="https://youtu.be/lvP5OQ6CzSo">https://youtu.be/lvP5OQ6CzSo</a></p>