

Name of the Lab :Electronics Laboratory (EEE)

**EC8311-Electronics Laboratory**

**Virtual Link**

S.No	Name of the Experiment	Hyperlink
1.	Characteristics of Semiconductor diode and Zener diode.	<a href="https://www.youtube.com/watch?v=-xGM4K1HiWs">https://www.youtube.com/watch?v=-xGM4K1HiWs</a> <a href="https://www.youtube.com/watch?v=pCPdn756hug">https://www.youtube.com/watch?v=pCPdn756hug</a>
2	Characteristics of a NPN Transistor under common emitter, common collector and common base configurations.	<a href="https://www.youtube.com/watch?v=7G16ujjRes">https://www.youtube.com/watch?v=7G16ujjRes</a>
3	Characteristics of JFET and draw the equivalent circuit.	<a href="https://www.youtube.com/watch?v=lmJUsNvJeaM">https://www.youtube.com/watch?v=lmJUsNvJeaM</a>
4	Characteristics of UJT and generation of saw tooth waveforms.	<a href="https://www.youtube.com/watch?v=-LYq9CfsWgc">https://www.youtube.com/watch?v=-LYq9CfsWgc</a>
5	Design and Frequency response characteristics of a Common Emitter amplifier.	<a href="https://www.youtube.com/watch?v=gkt-8CzUDRQ">https://www.youtube.com/watch?v=gkt-8CzUDRQ</a>
6	Characteristics of photo diode & photo transistor, Study of light activated relay circuit.	<a href="https://www.youtube.com/watch?v=PxmZW2QGcLg">https://www.youtube.com/watch?v=PxmZW2QGcLg</a>
7	Single Phase half-wave and full wave rectifiers with inductive and capacitive filters.	<a href="https://www.youtube.com/watch?v=03JKYFXWE9E">https://www.youtube.com/watch?v=03JKYFXWE9E</a>
8	Design and testing of RC phase shift and LC oscillators.	<a href="https://www.youtube.com/watch?v=Gvb4GIV5ig8">https://www.youtube.com/watch?v=Gvb4GIV5ig8</a> <a href="https://www.youtube.com/watch?v=1fgw-ONIAcc">https://www.youtube.com/watch?v=1fgw-ONIAcc</a>
9	Differential amplifiers using FET.	<a href="https://www.youtube.com/watch?v=0ADzg6HC-Xk">https://www.youtube.com/watch?v=0ADzg6HC-Xk</a>
10	Study of CRO for frequency and phase measurements.	<a href="https://www.youtube.com/watch?v=8L4xZ2f3iz4">https://www.youtube.com/watch?v=8L4xZ2f3iz4</a>
11	Realization of passive filters	<a href="https://www.youtube.com/watch?v=N6OBE9eubNo">https://www.youtube.com/watch?v=N6OBE9eubNo</a>

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