



# SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY

(Approved by AICTE New Delhi, Affiliated to VTU, Belagavi, ISO 9001:2008 Certified)  
Off International Airport Road, Krishnadevaraya Nagara Bengaluru – 562157

**Department of Electronics and Telecommunication Engineering**

**Subject: Microcontroller Lab (18ECL47)**

**Semester: IV**

Sl no	Experiment	YouTube Link
1	ALP to find the largest element in a given array of N = ___ h bytes	<a href="https://youtu.be/d6hF9vO6t0A">https://youtu.be/d6hF9vO6t0A</a>
2	ALP to convert a BCD number into ASCII	<a href="https://youtu.be/3kVeahi2QsA">https://youtu.be/3kVeahi2QsA</a>
3	ALP to convert a decimal number in to binary (hex).	<a href="https://youtu.be/bwZJfJBtIII">https://youtu.be/bwZJfJBtIII</a>
4	ALP to implement (display) an eight bit UP/DOWN BCD counter	<a href="https://youtu.be/x9YWslEuRk4">https://youtu.be/x9YWslEuRk4</a>
5	ALP to perform different logical operations	<a href="https://youtu.be/wLA7_cZ1v9E">https://youtu.be/wLA7_cZ1v9E</a>



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**Department of Electronics and Telecommunication Engineering**

**Subject: Analog Circuits Lab (18ECL48)**

**Semester: IV**

Sl.No.	Name of Experiment	YouTube link
1	Astable Multivibrator (Part A) <b>Practical</b>	<a href="https://youtu.be/A5PINi0Ljic">https://youtu.be/A5PINi0Ljic</a>
2	R-2R DAC (Part A)	<a href="https://youtu.be/St-gNgPN5NM">https://youtu.be/St-gNgPN5NM</a>
3	Asymmetrical Astable Multivibrator (Theory)	<a href="https://youtu.be/iJYm_BGqa1A">https://youtu.be/iJYm_BGqa1A</a>
4	Astable Multivibrator (Theory)	<a href="https://youtu.be/ypV6gdIJJU4">https://youtu.be/ypV6gdIJJU4</a>
5	Monostable Multivibrator (Part A) <b>Practical</b>	<a href="https://youtu.be/Q717wK8YrxU">https://youtu.be/Q717wK8YrxU</a>
6	Band stop filter (Part B)	<a href="https://youtu.be/l1AIVfiv2C8">https://youtu.be/l1AIVfiv2C8</a>
7	Band Pass filter (Part B)	<a href="https://youtu.be/KnlydO_DUh0">https://youtu.be/KnlydO_DUh0</a>
8	RC Phase shift oscillator (Part B)	<a href="https://youtu.be/zS6XWnwyu_g">https://youtu.be/zS6XWnwyu_g</a>
9	Hartley Oscillator (Part B)	<a href="https://youtu.be/mqjVbzh80bs">https://youtu.be/mqjVbzh80bs</a>
10	Half wave Rectifier ( Part B)	<a href="https://youtu.be/sGFqDD3hh5c">https://youtu.be/sGFqDD3hh5c</a>



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**Subject: Embedded Controller Lab (17ECL67)**

**Semester: VI**

Sl.No.	Name of Experiment	YouTube link
1	7 segment display	<a href="https://www.youtube.com/watch?v=LwqacEM_z5I&amp;feature=youtu.be">https://www.youtube.com/watch?v=LwqacEM_z5I&amp;feature=youtu.be</a>
2	Relay and Buzzer	<a href="https://youtu.be/tcKBCCWiO9I">https://youtu.be/tcKBCCWiO9I</a>
3	Stepper Motor Interface	<a href="https://youtu.be/lwQt9m8OlXg">https://youtu.be/lwQt9m8OlXg</a>



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**Department of Electronics and Telecommunication Engineering**

**Subject: Microwave and Antenna Lab**

**(17TEL68)**

**Semester: VI**

Sl.No.	Name of Experiment	YouTube link
1	E-plane TEE	<a href="https://drive.google.com/file/d/1rUbABG3VBHImkt4tWBPb_ZCaEKKbCCcA/view?usp=sharing">https://drive.google.com/file/d/1rUbABG3VBHImkt4tWBPb_ZCaEKKbCCcA/view?usp=sharing</a>
2	Magic TEE	<a href="https://youtu.be/hhrCphSdysQ">https://youtu.be/hhrCphSdysQ</a>