



<b>Course:</b> M. Sc. Electronics	<b>Name of Faculty:</b> Dr. Bijoy A. Jose
<b>Topic:</b> ELE 2202L Control Systems Lab	<b>Semester:</b> 2
<b>Lecture Hall:</b> Circuits lab room, Ground Floor, CUSAT	<b>Timings:</b> as per CBCS and DOE time table

Background: Familiarize with control systems lab equipment.

Lab Cycle:

- 1 Stepper motor control circuit using CD40174 SL100
- 2 Stepper motor control circuit using CD40174 MOSFET
- 3 Stepper Motor control using CD4017 SL100 and IR Transmitter Receiver
- 4 Digital Voltmeter using ICL 7107
- 5 Counter/Frequency using IC74C926
- 6 Automatic Water level Controller
- 7 Automatic Temperature controller