



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

#### 4. Control Systems Lab/BEEE Part-B Lab

S.No	Name of the Laboratory	Name of the Equipment's	Photos
1	Control Systems Lab	<ul style="list-style-type: none"><li>• Basic plc trainer</li><li>• Dc servo motor controller</li><li>• Simulation of transfer function using op amp</li><li>• Process control simulator</li><li>• Temperature controller</li><li>• Lead – lag network</li><li>• Magnetic load setup</li><li>• Synchro transmitter-receiverpair</li><li>• Dc voltmeters</li><li>• Ammeters</li><li>• Computer system</li><li>• Computer systems</li><li>• Dual trace oscilloscopes</li><li>• Dual trace oscilloscopes</li><li>• Function generator</li><li>• Magnetic amplifier kit</li><li>• Ac servo motor</li><li>• Temperature control systems</li><li>• Compensation design</li></ul>	<p>The image shows a control system setup. On the left is a black metal frame containing various electronic components and a circular dial. To its right is a blue printed circuit board (PCB) labeled 'EFFECT OF FEED BACK ON DC SERVO MOTOR USING PID CONTROLLER'. The PCB has several knobs, switches, and a small display screen. Below the PCB is a red GPS map camera icon. At the bottom left is a Google Maps icon showing the location. The text on the right side of the image provides the location details: Kavali, Andhra Pradesh, India, WX7M+76M, Vaddi Palem, Kavali, Andhra Pradesh 524201, India, Lat 14.913316°, Long 79.983024°, and the timestamp 25/11/23 09:06 AM GMT +05:30.</p> <p>The image shows a large grey electrical control panel labeled 'SYNCHRO - TRANSMITTER AND RECEIVER'. It features two large circular dials, one for the transmitter and one for the receiver, each with numerous markings and labels. Below the dials are various control knobs, switches, and indicator lights. To the right of the main panel is a smaller yellow control unit labeled 'DC CHOPPER FIDGING UNIT-007'. At the bottom left is a Google Maps icon showing the location. The text on the right side of the image provides the location details: Kavali, Andhra Pradesh, India, WX7M+76M, Vaddi Palem, Kavali, Andhra Pradesh 524201, India, Lat 14.913316°, Long 79.983024°, and the timestamp 25/11/23 09:07 AM GMT +05:30.</p>

*Sd/-*  
**Head of the Department**