

# Instrumentation Laboratories

Sr. No	Lab No.	Name of the Laboratory	Lab Incharge	Lab Assistant
1.	210	Microcontroller	Shubhra Tonge	Kamlesh Tarker
2.	010	Process Instrumentation	Kalpesh Bagal	Neha Ghadi
3.	211	Electronic Instrumentation & Measurement	Saroj Desai	Vishal Arekar
4.	201 A	Project	Sangita Bhoyar	Kamlesh Tarker
5.	209	PCB	Sangita Bhoyar	Kamlesh Tarker
6.	309	Control Systems	Manju Kurien	Vishal Arekar

Laboratory Name:	PCB LAB
Location of Laboratory:	Second Floor (209)
Laboratory In charge:	Sangita Bhoyar
Laboratory Resources:	<ol style="list-style-type: none"> <li>1. 30mhz Oscilloscope</li> <li>2. Power Supply</li> <li>3. HCL Computer</li> <li>4. HP Computer</li> <li>5. Drill Machine</li> <li>6. DMM</li> <li>7. Etching Machine</li> <li>8. Easy Developer Unit</li> <li>9. PCB Artwork Film Maker</li> <li>10. PCB Cutting Machine</li> <li>11. PCB Dip Coating Machine</li> <li>12. PCB Shearing Machine</li> <li>13. PCB Exposer</li> </ol>

Laboratory Name:	Project LAB
------------------	-------------

Location of Laboratory:	Second Floor (209)
Laboratory In charge:	Sangita Bhojar
Laboratory Resources:	<ol style="list-style-type: none"> <li>1. UNIPRO 111 Programmer</li> <li>2. 30mhz Oscilloscope</li> <li>3. HCL Computer</li> <li>4. HP Computer</li> <li>5. DELL COMPUTER</li> <li>6. Drill Machine</li> <li>7. DMM</li> <li>8. Etching Machine</li> <li>9. Easy Developer Unit</li> <li>10. PCB Artwork Film Maker</li> <li>11. PCB Cutting Machine</li> <li>12. PCB Dip Coating Machine</li> <li>13. PCB Shearing Machine</li> <li>14. PCB Exposer</li> <li>15. Roller Tinning Machine</li> <li>16. PCB Coater Cum Photo Resist Dryer</li> <li>17. IC Burner HIGP-8</li> </ol>
Laboratory Name:	Microcontroller
Location of Laboratory:	Second Floor(210)
Laboratory In charge:	Shubhra Tonge
Laboratory Resources:	<ol style="list-style-type: none"> <li>1. Assembled PC</li> <li>2. UNIPRO 111 Programmer</li> <li>3. 30mhz Oscilloscope</li> <li>4. HCL Computer</li> <li>5. HP Computer</li> <li>6. DELL COMPUTER</li> <li>7. DELL COMPUTER</li> </ol>

Laboratory Name:	Process Instrumentation
Location of Laboratory:	Ground Floor

Laboratory In charge:	Kalpesh Bagal
Laboratory Resources:	<ol style="list-style-type: none"> <li>1. 30mhz Dual Trace Oscilloscope</li> <li>2. HCL Computer</li> <li>3. Air Drier</li> <li>4. Air Filter Regular</li> <li>5. Alarm Annunciator</li> <li>6. Bell Single Station MIP Based Controller</li> <li>7. Heat Exchanger</li> <li>8. Modicon PLC</li> <li>9. Mitsubishi PLC</li> <li>10. Electromagnetic Flow Meter</li> <li>11. Metal Tube Rotameter</li> <li>12. Pressure Transmitter</li> <li>13. Smart Level Transmitter</li> <li>14. Pressuer Transmitter</li> <li>15. DP Transmitter</li> <li>16. Ultrasonic Level Transmitter</li> <li>17. Level Transmitter</li> <li>18. Capacitance Type Level Transmitter</li> <li>19. Smart Transmitter</li> <li>20. Scada Software</li> <li>21. Dell Computer</li> <li>22. HP Computer</li> <li>23. Flow Measurement</li> <li>24. Delta V System</li> <li>25. LVDT Trainer</li> <li>26. Dead Wt. Tester</li> <li>27. Pump Set</li> <li>28. SCADA Software</li> <li>29. Labview Software</li> <li>30. Dell Pc</li> <li>31. 16 POINT6 ALARM ANNUNCIATOR</li> <li>32. CUT SECTION OF FLOW SENSOR</li> </ol>

Laboratory Name:	Electronic Instrumentation & Measurement
Location of Laboratory:	Second Floor

Laboratory In charge:	Saroj Desai
Laboratory Resources:	<ol style="list-style-type: none"> <li>1. Distortion &amp; Level Meter</li> <li>2. Aplab Function Generator</li> <li>3. LCR Q Meter</li> <li>4. DSO</li> <li>5. 30 Mhz 5 In 1 Test Lab CRO</li> <li>6. 30mhz CRO</li> <li>7. 50mhz DSO</li> <li>8. 0-30v Power Supply</li> <li>9. 72mhz Rf Generator</li> <li>10. 20Mhz RF Function Generator</li> <li>11. Logic Analyzer</li> <li>12. CRO Trainer</li> <li>13. HP Computer</li> <li>14. LVDT Trainer</li> <li>15. 20mhz Aplab CRO</li> <li>16. Aplab 3mhz Signal Generator</li> <li>17. Strain Gauge</li> </ol>

Laboratory Name:	Control Systems
Location of Laboratory:	Third Floor
Laboratory In charge:	Manju Kurien
Laboratory Resources:	<ol style="list-style-type: none"> <li>1. CRO</li> <li>2. DC Position Control System</li> <li>3. PID Controller</li> <li>4. HCL Computer</li> <li>5. AC Position Control System</li> <li>6. Measurement of stepper motor</li> <li>7. DMM</li> <li>8. DC Power Supply</li> <li>9. Experimental Kits</li> <li>10. Function Generator</li> <li>11. Analog Voltmeter/Current Meter</li> </ol>