

# Instrumentation Laboratories

Sr. No	Lab No.	Name of the Laboratory	Lab Incharge	Lab Assistant
1.	002	Microcontroller	Shubhra Tonge	Bhagyashree Jagtap
2.	010	Process Instrumentation	Kalpesh Bagal	Usha Bagal
3.	012	Electronic Instrumentation & Measurement	Saroj Desai	Usha Bagal
4.	112	Physics	S.K.Rawat	Vishal Arekar
5.	309	Biomedical & Industrial Automation	Lata Upadhyay	Bhagyashree Jagtap
6.	310	Control Systems	Manju Kurien	Vishal Arekar

Laboratory Name:	Microcontroller
Location of Laboratory:	Ground Floor
Area of Laboratory:	83.64Sqm
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
Area of Laboratory:	109.76Sqm
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> </ol>

	<ol style="list-style-type: none"> <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 ANNUCIATOR</li> <li>32. CUT SECTION OF FLOW SENSOR</li> </ol>
--	--

Laboratory Name:	Electronic Instrumentation & Measurement
Location of Laboratory:	Ground Floor
Area of Laboratory:	75Sqm
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> </ol>

	10. 20Mhz RF Function Generator 11. Logic Analyzer 12. Cro Trainer 13. Hp Computer 14. Lvdt Trainer 15. 20mhz Aplab Cro 16. Aplab 3mhz Signal Generator 17. Strain Gauge
--	---

Laboratory Name:	Physics
Location of Laboratory:	First Floor
Area of Laboratory:	74.45Sqm
Laboratory In charge:	S.K.Rawat
Laboratory Resources:	1. Data Projector 2. Chara. of thermocouple 3. Chara. of Photoelectric cell 4. Dual power supply 5. AE make Hene laser system complete with power supply for optical experiment

Laboratory Name:	Biomedical Instrumentation
Location of Laboratory:	Third Floor
Area of Laboratory:	71.56Sqm
Laboratory In charge:	Lata Upadhyay
Laboratory Resources:	1. DC Defibrillator system 2. Defibrillator simulator 3. Phonocardiograph system 4. PC based PFT unit with sensor mouth pieces & software 5. ECG Amplifier Trianer kit 6. PLC Software,Hardware, Panel 7. Digital storage Oscilloscope 8. 25MHz Aplab CRO 9. Aplab DC Regulated power supply 10. HCL EC2 Computer 11. COMPUTER

Laboratory Name:	Control Systems
Location of Laboratory:	Third Floor
Area of Laboratory:	71.56Sqm
Laboratory In charge:	Manju Kurien
Laboratory Resources:	<ol style="list-style-type: none"><li>1. Goldstar 20MHz CRO</li><li>2. Philips 20MHz CRO</li><li>3. Scientech 201 CRO</li><li>4. Philips 20MHz CRO</li><li>5. Scientech CRO</li><li>6. DC Position Control System</li><li>7. PID CONTROLLER</li><li>8. HCL COMPUTER</li><li>9. AC Position Control System</li><li>10. Measurement of stepper motor</li></ol>