

## INFRASTRUCTURE FACILITY

- Spacious Classrooms and Laboratories
- Skill Lab with Equipments
- Software Lab with 23 Computers

### DETAILS OF LAB FACILITIES

Name of the Laboratory	Name of the Important Equipment
<b>SKILL LAB (E-Yantra)</b>	<ul style="list-style-type: none"><li>• PLC DVP28SV11T2 16 Digital 12 Digital Programmable Logic Controllers with Control panels</li><li>• ATmega2560 Development Board</li><li>• LPC2148 Development Board</li><li>• P89V51RD2 Development Board</li><li>• Micro SD card (16 GB)</li><li>• 3D printer combo(filament)</li><li>• USB Adapter 2A</li><li>• NRF24L01</li><li>• Zigbee Modules 100m range</li><li>• Zigbee Modules Adapter</li><li>• TCS 3200-based color sensor module</li><li>• GY87</li><li>• Servo motor-based Gripper Kit</li><li>• HD USB Web Cam</li><li>• Metal-gear Servo Motors</li><li>• ESP8266 Development Board</li><li>• ESP32 Development Board</li><li>• 2-Channel Relay Board (12 volt)</li><li>• 2-Channel Relay Board (5 volt)</li><li>• STM32 Nucleo boards</li><li>• Tiva Launchpad</li><li>• Motor Driver Module (Rating: 8amp and 6V-36V)</li><li>• Quad Encoder Geared DC Motor 200 RPM, 12 V DC</li><li>• Micro Servo motor</li></ul>

<p><b>SOFTWARE LAB</b></p>	<ul style="list-style-type: none"> <li>• Computers: 23 No's</li> <li>• Tool: RoboDK, Delta PLC, Keil, MATLAB, IndraWorks Engineering, Automation Studio (5 users), RT Toolbox (1 user)</li> </ul>
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**Classroom and Laboratories**

The department has spacious classrooms and Laboratories with adequate seating capacity. Each classroom and laboratory is provided with a Computer system and an LCD Projector with a screen for Audio/ Visual purposes.

**Photo Gallery**

<p><b>SKILL LAB (E-Yantra and PLC Automation Lab)</b></p>	<p><b>SOFTWARE LAB</b></p>
	