



S.A.P.D. Jain Pathashala

# Walchand Institute of Technology, Solapur


An Autonomous Institute

P.B.No.634, Walchand Hirachand Marg, Ashok Chowk, Solapur - 413006 (Maharashtra)

**Phone:** (0217)2652700, 2391700 **Extn:** 318 | **Fax:** (0217)2651538

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## Mechanical Engineering Department Lab Details

Lab Photo	
Lab Name	Mechatronics Lab
Lab Description	<p>The Mechatronics and Control Systems Laboratory serves the the academic courses Control Engineering, Mechatronics, Industrial Controllers and Robotics and RoboClub projects. Testing stations are set up for the construction and testing of logic circuits, micro-controllers and interfacing of devices. Ten PC workstations are available for interfacing with micro-controller based systems which are included in practicals and also used for student projects. A ThinkLABs 5 axis robot is interfaced to a PC is used for the Robotics course which provides working knowledge of robot programming, robot kinematics and robot simulation. The laboratory details are as given below. Room No:CM-219 Lab In-charge: Prof. R.D. Mistry</p>
Lab Equipments	<ol style="list-style-type: none"><li>1. 8085 Trainer Board + PC or Mobile Simulator</li><li>2. 8085 Trainer Board + PC or Mobile Simulator</li><li>3. 8085 Trainer Board + PC or Mobile Simulator</li><li>4. 8051 Trainer Board + PC or Mobile Simulator</li><li>5. 8051 Trainer Board + PC or Mobile Simulator</li><li>6. Matlab</li><li>7. PLC Simulator or mobile or computer and PLC Trainer</li></ol>

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Lab Floor Area in square meters	88.33
Practicals Engaged in Lab	1. Arithmetic operation PC simulator and 8085 trainer 2. Logical Operations simulator and 8085 trainer 3. LED interfacing on PC simulator & 8051 trainer 4. DC motor inter facing on PC simulator & 8051 trainer
Name of Lab Incharge	5. Mr. D.D. Masalekar
Name of Lab Assistant	6. Mr.A.C.Kasar
Name/s of Lab Menial Staff	7. Mr.N.C.Achlere