



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

Email: principal@witsolapur.org | principal.witsolapur@gmail.com

Mechanical Engineering Department Lab Details

Lab Photo	
Lab Name	Refrigeration & Air Conditioning Laboratory
Lab Description	<p>This Laboratory provides support for the course “Refrigeration and Air conditioning”. Training, research and testing in the area of refrigeration and air conditioning can be carried out using the various test rigs. Study on Vapour Absorption System can be carried out with the help of the VAR test rig. The set-up can be integrated with other equipment in the department such as boilers and heat exchangers, solar energy systems etc. for further study on vapour absorption system. Non conventional refrigeration techniques can be studied using Vortex tube and Thermoelectric refrigeration apparatus. The laboratory details are as given below. Room No:CM-128-A Lab In-charge: Prof. G.B. Agalave</p>
Lab Equipments	<ol style="list-style-type: none">1. Heat Pump Test Rig2. Air Conditioning Test Rig3. Refrigeration Test Rig4. Vapour Absorption Test Rig5. Thermoelectric Test Rig6. Year Round A/C Test Rig7. Vortex Tube

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

Email: principal@witsolapur.org | principal.witsolapur@gmail.com

Lab Floor Area in square meters	72.9
Practicals Engaged in Lab	1. Study of Refrigerants 2. Study of Vortex Tube & Refrigeration 3. Study of Central & Unitary Air Conditioning Systems 4. Study of Domestic Refrigerator, Water Cooler & Window A/C
Name of Lab Incharge	Prof.G.B.Agalave
Name of Lab Assistant	Mr.A.D.Korabu
Name/s of Lab Menial Staff	Mr.S.V.Bhosale