



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

## Department of Civil Engineering

### Lab Details

<b>Lab Name:</b>	Environmental Engineering Lab
<b>Lab Description</b>	Major tests conducted in the laboratory: <ol style="list-style-type: none"><li>1. National Ambient Air Quality Monitoring Project</li><li>2. BOD, COD, TDS, Oil &amp; Grease, Sulphate, Nitrates of Wastewater</li><li>3. Testing the quality of drinking water</li><li>4. Testing of automobile exhaust emissions.</li></ol>
<b>Lab Equipment</b>	<ol style="list-style-type: none"><li>1. Digital pH Meter</li><li>2. Hot Plates</li><li>3. Spectrophotometer</li><li>4. Chlorine test set</li><li>5. Co- Hc Analyzer</li><li>6. Incubator (B.O.D.)</li><li>7. Nephelometric Turbidity meter</li><li>8. Electronic Digital Balance</li><li>9. Conductivity meter</li><li>10. Respirable Dust Sampler</li><li>11. COD digester</li><li>12. Spectrometer</li><li>13. PH Meter</li><li>14. Conductivity Meter</li><li>15. Turbidity Meter</li><li>16. Distillation Tank</li><li>17. Electronic Microscopic</li><li>18. Jar Test Apparatus</li></ol>

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<b>Lab Floor Area in square meters</b>	141
<b>Practicals Engaged in lab</b>	pH value, Alkalinity, Acidity, Hardness, Turbidity, Residual Chlorine, Solids- Total Dissolved Solids, Volatile & Fixed, Dissolved Oxygen, Fluorides.
<b>Name of Lab Incharge</b>	Dr. Sachin Chandrakant Deshmukh
<b>Associated Faculty with the lab</b>	Mr. Mayur Ashok Ubale
<b>Name/s of Menial Staff</b>	Mr. Jain. G.C