



S.A.P.D. Jain Pathashala

Walchand Institute of Technology, Solapur

An Autonomous Institute

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Department of Civil Engineering

Lab Details

Lab Name:	Environmental Engineering Lab
Lab Description	Major tests conducted in the laboratory: <ol style="list-style-type: none">1. National Ambient Air Quality Monitoring Project2. BOD, COD, TDS, Oil & Grease, Sulphate, Nitrates of Wastewater3. Testing the quality of drinking water4. Testing of automobile exhaust emissions.
Lab Equipment	<ol style="list-style-type: none">1. Digital pH Meter2. Hot Plates3. Spectrophotometer4. Chlorine test set5. Co- Hc Analyzer6. Incubator (B.O.D.)7. Nephelometric Turbidity meter8. Electronic Digital Balance9. Conductivity meter10. Respirable Dust Sampler11. COD digester12. Spectrometer13. PH Meter14. Conductivity Meter15. Turbidity Meter16. Distillation Tank17. Electronic Microscopic18. Jar Test Apparatus

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