



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	Thermodynamics
Lab Description	Thermodynamics is the science which deals with heat and work of the systems. This lab is equipped with various equipments needed to measure properties of lubricants, grease, and nano fluids.
Lab Equipments	Drop point of Grease, Redwood Viscometer, Grease Penetrometer, Cleveland Flash & Fire Point app, Carbon Residue Apparatus
Lab Floor Area in square meters	72.9



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Practicals Engaged in Lab	<ol style="list-style-type: none">1. Study of process boilers (Cochran, Babcock & Wilcox, Lancashire)2. Boiler mountings & accessories3. Trial of a Redwood Viscometer4. Determination of Flash & Fire point5. Test on grease penetrometer6. Drop point of Grease7. Cloud & Pour point of a lubricant8. Trial on reciprocating air compressor.9. Test on carbon residue10. Study of various types of steam calorimeters11. Industrial Visit
Name of Lab Incharge	Mr. G.B. Agalave
Name of Lab Assistant	Mr.A.D.Korabu
Name/s of Lab Menial Staff	Mr. S.V.Bhosale