



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	Metrology Laboratory
Lab Description	This laboratory serves the practicals for the course Metrology. The laboratory details are as given below. Room No:CM-217-A Lab In-charge: Prof. P.V. Salunke
Lab Equipment's	<ul style="list-style-type: none">(1) Surface Finish Tester(2) Floating Carriage Micrometer with thread measuring wire set(3) Slip Gauges M83(4) Centrimeter(5) Surface plates C.I & Granite(6) Angle Slip Gauges(7) Vernier & Micrometer Instruments(8) Sigma Comparator(9) Monochromatic Light Unit(10) Pneumatic Gauging System(11) Height Master(12) Sine bar & Sine Center(13) Dial Comparator with Magneticbase(14) Optical Flat(15) Plug & Ring gauges(16) Machine Tool Alignment test kit(17) Standard Sized Balls &



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

	Rollers (18)Internal & External Standard Taper Jobs. (19)Standard 'Straight Edge'(1+2) (20) Profile Projector
Lab Floor Area in square meters	83.42
Practicals Engaged in Lab	1.Study & use of Vernier Instruments 2.Study & use of Micrometer Instruments 3.Study & use of Slip Gauges & Calibration of Micrometer 4.Study of Limit Gauges 5.Study & use of Comparators –Mechanical & Pneumatic 6.Study & use of angle measuring instruments & Standards.7.'Gear Tooth' thickness measurement. 8.Thread Measurement
Name of LabIncharge	Mr. N.R. Tambake
Name of Lab Assistant	Mr. S.J. Deodhare
Name/s of LabMenial Staff	Mr A.N. Talikoti

