



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:	Engineering Mechanics & Basic Civil Engineering Lab
Lab Description	Practicals for First Year Engineering Students in semester I & II are carried out in these laboratories.
Lab Equipment	<ol style="list-style-type: none">1. Bell Crank lever2. Jib Crane apparatus3. Law of Parallelogram and polygon of force apparatus4. Parallel force apparatus (Simply Supported, Overhang beam type)5. Centrifugal force apparatus6. Fletchers trolley
Lab Floor Area in square meters	70
Practicals Engaged in Lab	Engineering Mechanics-Law of Parallelogram, Law of Polygon, Triangle law of force, Verification of law of moments, Law of Motion, Centrifugal force Basic Civil Engineering-Introduction to chaining Ranging and offsetting, Prismatic compass, Bearings, Dumpy Level, Leveling, Building Planning Field visit
Name of Lab Incharge	Mr. Bipin Pravin Patil
Associated Faculty with the lab	Mrs. Supriya Deepak Konda
Name of Lab Assistant	Mr. G. V. Potdar
Name/s of Menial Staff	Mr. Sunil Date