



S.A.P.D. Jain Pathashala

# Walchand Institute of Technology, Solapur

An Autonomous Institute

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## Department of Civil Engineering

### Lab Details

<b>Lab Name:</b>	Heavy Structures Lab
<b>Lab Description</b>	Heavy Structural lab. is a research lab. used for prototype testing of Structural Elements such as Slabs, beams, and columns using Loading Frame and Imetrum Video gauge measurement system (utilized by PG and Ph.D. students).
<b>Lab equipment</b>	<ol style="list-style-type: none"><li>1. 100 tonnes Loading Frame</li><li>2. Data Acquisition System</li><li>3. Hydraulic Jack 1000 kN</li></ol>
<b>Lab Floor Area in square meters</b>	93.53
<b>Practicals Engaged in Lab</b>	Major tests conducted in the laboratory: <ol style="list-style-type: none"><li>1. Flexural testing of beams, slabs, and deep beams</li><li>2. Compression tests on columns</li></ol>
<b>Name of Lab Incharge</b>	Mr. Sunil Keshavrao Kulkarni
<b>Associated Faculty with the lab</b>	Mr. Sandeep Bansilal Javheri
<b>Name of Lab Assistant</b>	Mr. S.K. Umbardand
<b>Name/s of Menial Staff</b>	Mr. N. R. Shivashetti