



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

Department of Civil Engineering

Lab Details

Lab Name:	Civil Computer Lab
Lab Description	<p>Major events/ assignments conducted in the laboratory</p> <ol style="list-style-type: none">1. The use of C ++ Programming for computational methods2. Hand on Experience with civil engineering software such as STAAD-III, Arc GIS, Autodesk Educational Software, Vico office Construction Management Software, ERDAS imagine software, MIDAS Structure Analysis & Design Software, MS project3. Build master and Rate analyses etc.4. Use of software for competitive exams e.g. SWIFTGATE for GATE examination.
Lab Equipment	<ol style="list-style-type: none">1. HCL Pentium Core I3 550 desktop PC's with UPS backup2. LCD projector3. DELL Core 2 Duo Laptops4. H.P. Laser Printer5. Civil Engineering Software's such as STAAD III, GRAM++ (GIS software), Build master, Arc GIS, ERDAS, and Road master, Rate analysis, MS-Project, Autodesk Educational Software, Vico office Construction Management Software, ERDAS imagine software, MIDAS Structure Analysis & Design Software, MS project etc.6. Swift GATE (GATE software)7. H.P. Scanner8. HP-T120 A3 color Printer9. Internet connectivity (L.A.N., Wi-Fi)

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Lab Floor Area in square meters	116.35
Practicals Engaged in Lab	AutoCad Lab Practice, C Programming & Numerical Methods, Design of RCC Structures, Design of Steel Structures, Engineering Management, Water Resource Engineering, Quantity Surveying & Valuation, UG Project Work, PG Dissertation Work, PhD Dissertation Work.
Name of Lab Incharge	Dr. Satishkumar Shahajirao Kashid
Associated Faculty with the lab	Mrs. Swati Gopalrao Ghadge
Name of Lab Assistant	Mr. N. V. Akatnal
Name/s of Menial Staff	Mr. Ashok Dhotre