



S.A.P.D. Jain Pathashala

Walchand Institute of Technology, Solapur

An Autonomous Institute

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Department of General Engineering Lab Details

Lab Name	Engineering Chemistry (M301)
Lab Description	Engineering Chemistry lab basically deals with analysis of materials, preparation of polymers, purification of the sample, etc. The lab is consisting of digital equipment's, glassware's, chemicals and safety measures.
Lab Equipment	Digital pH Meter with combined electrode, Digital Colorimeter with 8 filters, High precision digital balance, Conductivity meter, Heating Mantles with Regulator 250 ml etc
Lab Floor Area in square meters	114.38
Practical's Engaged in Lab	Analysis of water samples for Chloride, Alkalinity, Dissolved oxygen, Hardness of water, Analysis of copper from alloy, Preparation of Urea formaldehyde resin, Separation of mixture into its pure components by TLC, Determination of viscosity of lubricant oil, determination of pH and analysis of colored solutions etc.
Name of Lab In charge	Dr. N. S. Gramopadhye
Associated Faculty with the lab	Dr. N. S. Gramopadhye, Dr. S .K. Sarsamkar,
Name of Lab Assistant	Mr. M. S. Satpute
Name/s of Menial Staff	Mr. K. D. Patel