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Sinhgad Institutes's  
RMD Sinhgad Technical Institutes  
Campus

**RMD SINHGAD SCHOOL OF  
ENGINEERING WARJE, PUNE**

### WHO WE ARE

RMD Sinhgad Technical Institutes Campus Warje, Pune was established in 2011-2012 under the umbrella of Sinhgad Institutes. The Institute is recognized by All India Council for Technical Education (AICTE), New Delhi, Directorate of Technical Education (DTE), Mumbai, and is affiliated to Savitribai Phule Pune University, Maharashtra State, India. The campus offers UG & PG programmes in Engineering, & Management Studies

Civil Engineering Department is enriched with 12 laboratories equipped with sophisticated instruments, experienced & dedicated teaching staff in all specialization of all disciplines of Civil Engineering.



Sinhgad Institutes



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ENGINEERING WARJE, PUNE**



**CONSULTANCY  
BROCHURE**



# OUR SERVICES



## Environment Lab

- Ph, Conductivity
- B.O.D.
- C.O.D.
- Suspended Solids, Dissolved Solids, Total Solids
- Acidity, Alkalinity, Chlorides, Hardness, Colour, Residual Chlorine, Calcium, Sulphates, Dissolved Oxygen, Turbidity
- Drinking Water Analysis

## Surveying Lab

- Contour Surveying
- Leveling

## Transportation Lab

- Impact & Crushing Value of Aggregate
- Los Angeles Abrasion Value of Aggregate
- Shape test on Aggregate
- Specific Gravity of Bitumen
- Penetration Value of Bitumen
- Flash and Fire point Test on bitumen
- Ductility of Bitumen
- Softening Point of Bitumen
- Marshall Stability Test

## Computer Lab

- Building Plans
- Structural Design & Analysis using software

## Material Testing Lab

- Steel Bar Bending (Set of three bars/ Diameter)
- G.I. Pipes
- Hollow blocks & Solid Blocks
- Hardness Test on Metals
- Impact Testing
- Flooring/ Glazed Tiles Test
- Bricks

## Concrete Tech. Lab

- Concrete Mix Design
- Cement Testing
- Aggregate Testing ( FA & CA )
- Cube Testing
- Cylinder Testing

## Geotechnical Engg. Lab

- Natural moisture content
- Specific Gravity of Soil
- Sieve Analysis
- Proctor's test
- Liquid limit, Plastic Limit, Shrinkage Limit
- Field Dry Density Test (Sand replacement or core cutter method)
- Direct shear box test
- Permeability test
- Tri-axial Compression Test

