

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT
Department of Civil Engineering
Concrete & Highway Materials Laboratory

LIST OF EQUIPMENTS

- Automatic Compression Testing Machine: Windows Based, Capacity 3000kN
- Cement Auto Clove: Analog with pressure gauge & digital temperature controller
- Los Angeles Abrasion Testing Machine with Counter
- Laboratory California Bearing Ratio Test Apparatus: Motorized with 3 Speed
- Concrete Mixer Pan Type: Capacity 40L
- Vibration Machine with built in digital timer NABL Calibrated
- Digital Marshall Apparatus: 50kN Single speed new model for testing 100 mm dia sample inclusive of 3 moulds
- Universal Penetrometer with Timer
- Ductility Testing Machine with digital temperature indicator
- Concrete Permeability Apparatus: 3 Cell model 150mm cube
- Compaction Factor Apparatus
- Vee-bee Consistometer
- Flexure Test Attachment Apparatus: 100kN capacity with Software
- Electronic Weighing Balance: FB 300 Capacity 3kg, Accuracy of 0.01gm
: DS-852 Capacity 30kg, Accuracy of 500gm
: DS415 Capacity 150kg, Accuracy of 20gm
- Vibrating Table: 75X75cm for 4 moulds of 150 mm cube

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

Mallasandra, Karnataka, India
Ks Boys Hostel Rd, Bengaluru, Mallasandra, Karnataka, India 56006
Lat 12.859484° Long 77.543836°
09/04/2025 12:14 PM GMT +05:30

Google

OPS Map Ca


K. S. SCHOOL OF ENGINEERING AND MANAGEMENT
Department of Civil Engineering
Surveying Practice

DO's


- Students should wear proper attire while in the laboratory (college uniform and shoes).
- Carry scientific calculator, observation book and other accessories required to the lab.
- Count all accessories while receiving and returning equipments and sign the lab ledger.
- Handle the instruments carefully and place them in the case provided after use.
- Complete the calculations in the observation book pertaining to the experiment and get the signature of faculty in-charge in the same class.
- Submit the laboratory record for previous experiment before the start of new experiment.

DON'Ts

- Do not use mobile phones during lab hours.
- Do not try to repair any faulty instrument.
- Never sight sun with a theodolite.

 OPS Map Cam

Mallasandra, Karnataka, India
 Bengaluru, Mallasandra, Karnataka 560062, India
 Lat 12.859178° Long 77.543387°
 09/04/2025 10:43 AM GMT +05:30



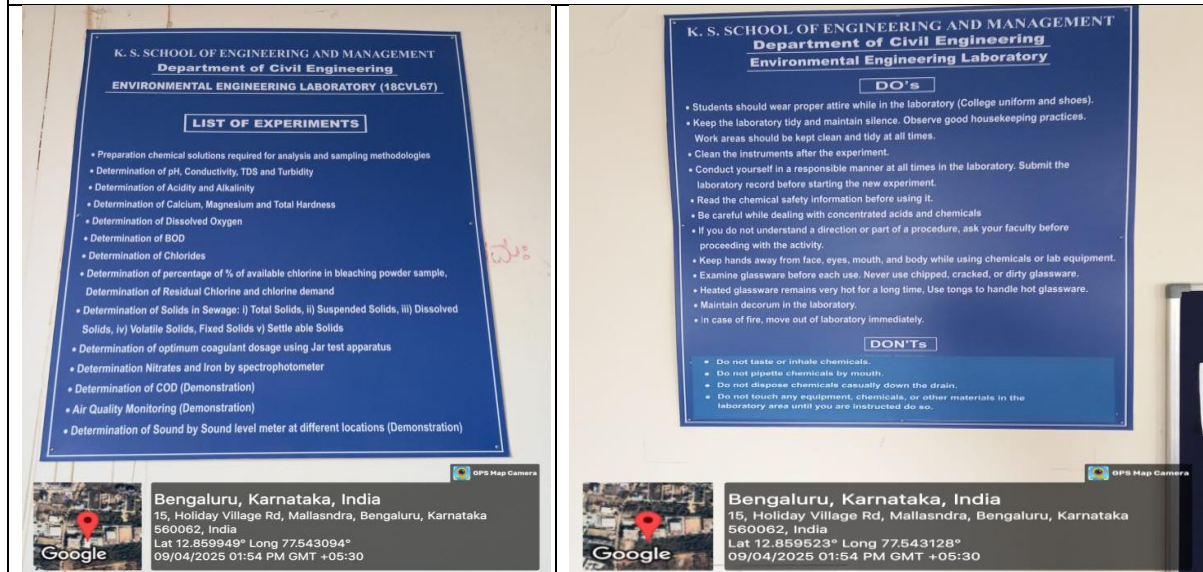
K. S. SCHOOL OF ENGINEERING AND MANAGEMENT
Department of Civil Engineering
Geotechnical Engineering Laboratory

LIST OF EQUIPMENTS

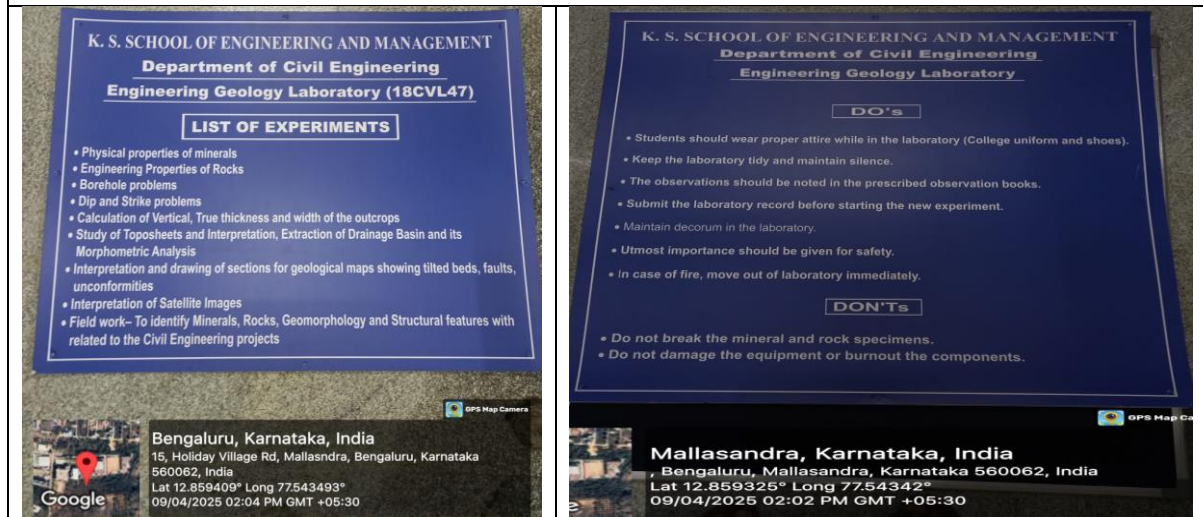
- Unconfined Compression Testing Machine
- Tri-axial shear testing machine
- Direct Shear Testing Machine
- Vane shear testing apparatus
- Consolidation testing apparatus
- Permeability testing apparatus
- Swell pressure test apparatus
- Compaction testing apparatus
- Oven
- Weighing balance
- Sample extruder
- Sieve shaker

Dr. AREKAL VIJAY
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 FACULTY IN CHARGE

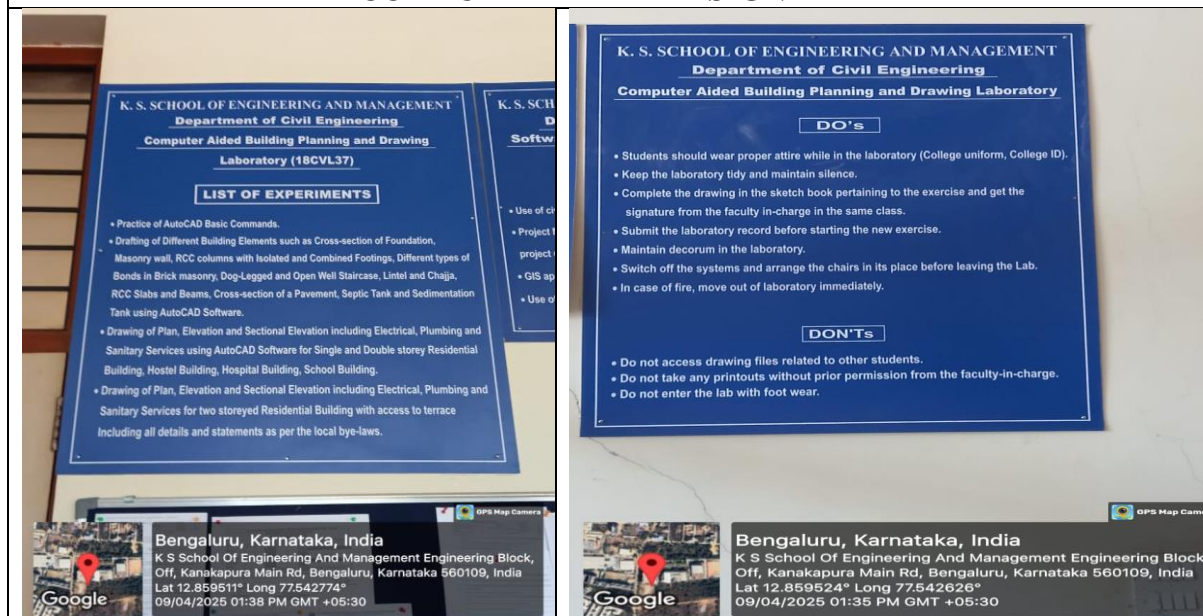
ENVIRONMENTAL ENGINEERING LAB



ENGINEERING GEOLOGY LAB



COMPUTER AIDED DESIGN LAB



STRUCTURAL ENGINEERING LAB

