

REVA University

(Testing Division)

CIVIL ENGINEERING CONSULTANCY SERVICES



Address

REVA University (Testing Division)
School of Civil Engineering
REVA University
Rukmini Knowledge Park, Yelahanka, Kattigenahalli,
Bengaluru, Karnataka 560064

The School of Civil Engineering, REVA University, provides comprehensive testing and consultancy services to industry, government, and research organisations. Our laboratories are equipped with advanced facilities, ensuring accurate, reliable, and standards-compliant results. All services are carried out in accordance with IS/IRC/ASTM standards.

Advanced and Specialised Services

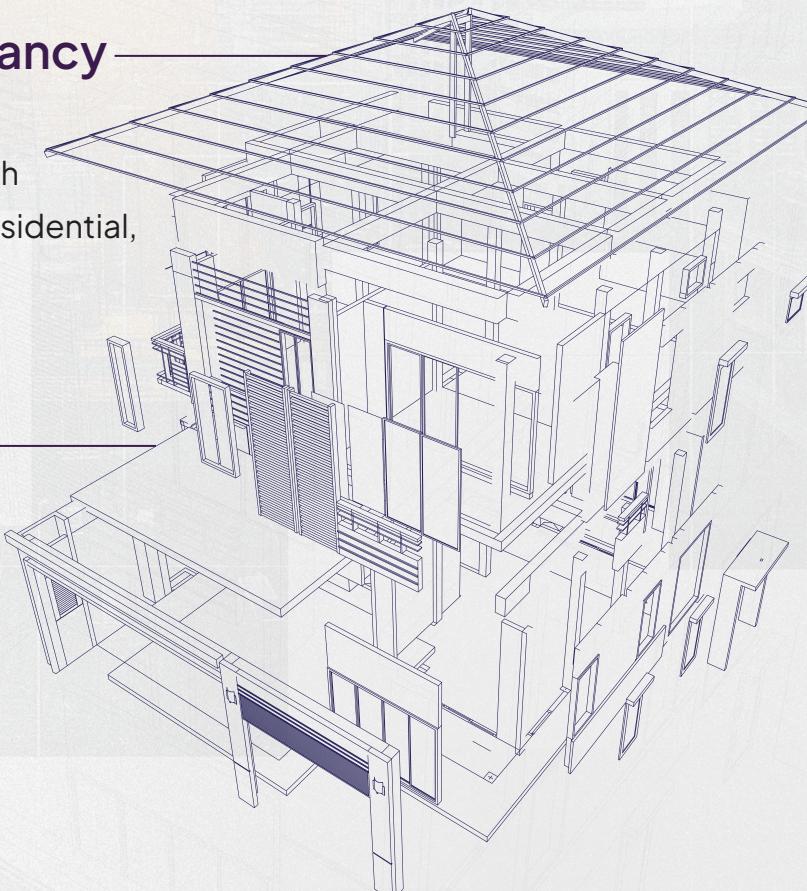
- Structural Stability Testing of Existing Buildings (NDT)
- Rebar Corrosion Mapping Study (Half-Cell Potential)
- Concrete Mix Design with Accelerated Strength Validation (Boiling Water Method)
- California Bearing Ratio of Soil (Soaked and un-soaked conditions)
- Pavement Design (Flexible and Rigid – IRC and AASHTO Procedures)
- Design Verification (IRC and AASHTO Specifications)
- Pavement Surface Evaluation and Recommendations
- Traffic Volume Counts
- Swell Pressure Test on Expansive Soil
- Aggregate Soundness Test (Sodium/Magnesium Sulphate – 5 cycles)
- Polished Stone Value (PSV) – Resistance to Polishing
- Tile Abrasion Test
- Marshall Stability and Flow Test (Bituminous Mixes)

Design and Structural Consultancy

- 3D Elevation – Exterior
- Interior Architectural Design and Walkthrough
- Architectural Plan and Structural Design – Residential, Commercial, Industrial Buildings, Culverts
- Estimation and Costing

Surveying

- Total Station Surveying and Data Analysis



General Material Testing

Aggregates

- Stripping Value
- Crushing Strength (Coarse)
- Abrasion Test (Coarse)
- Impact Value (Coarse)
- Flakiness Index (Coarse)
- Elongation Index (Coarse)
- 10% Fines Value (Coarse)
- Bulk Density – Compacted/Loose (Coarse and Fine)
- Sieve Analysis – Coarse and Fine
- Material Finer than 75 Microns (Fine)
- Specific Gravity – Coarse and Fine
- Water Absorption – Coarse and Fine

Concrete

- Flexural Strength of Beam/Slab
- Split Tensile Strength of Cylinder
- Compressive Strength of Cube
- Workability Tests: Flow Table, Vee-Bee, Compaction Factor, Slump

Bitumen

- Efflorescence Test (Bricks)
- Compressive Strength of Bricks/Blocks
- Water Absorption (Bricks/Blocks/Pavers)
- Compressive Strength of Paver Blocks

Steel

- TMT Rods (6 mm – 16 mm): Ultimate Tensile Strength (UTS), Yield Strength (YS), Percentage Elongation (%EL)

Cement

- Compressive Strength
- Soundness (Le Chatelier/Autoclave)
- Fineness (Blaine/90 Micron Sieve)
- Consistency (Standard, Initial, and Final Setting Time)
- Specific Gravity

Soil

- Triaxial Shear Test (UU)
- Soil-Bearing Capacity of shallow foundations
- Unconfined Compressive Strength (UCC)
- Compaction Test (Standard/Modified Proctor)
- Atterberg Limits/Consistency Limits (Liquid, Plastic, Shrinkage)
- Grain Size Distribution (Sieve and Hydrometer)
- Specific Gravity of Soil Solids

Water and Wastewater

- Dissolved Oxygen
- Chlorine Demand
- Sulphates
- Calcium
- Chlorides
- Alkalinity
- Acidity
- Hardness
- Total Solids
- Suspended Matter
- Turbidity
- pH
- Conductivity

About REVA University

REVA University, established under the Government of Karnataka Act No. 13 of 2012, is a State Private University located in Bengaluru, the technology and innovation hub of India. Accredited with NAAC A+ grade, recognised by the University Grants Commission (UGC) and approved by the All-India Council for Technical Education (AICTE), the University is known for its strong emphasis on research, innovation, and industry collaboration. With world-class infrastructure, experienced faculty, and a culture of applied learning, REVA University is committed to delivering high-impact solutions and nurturing professionals who are ready to address industry challenges.

About the School of Civil Engineering

The School of Civil Engineering at REVA University is a recognised centre for testing, consultancy, and applied research. Equipped with advanced laboratories and instrumentation, the school offers expertise in structural, geotechnical, construction materials, transportation, and environmental engineering. The faculty team combines academic depth with consultancy experience, enabling the school to serve as a trusted partner for infrastructure development, quality assurance, and specialised investigations. With a focus on standards-compliant, technology-driven, and sustainable solutions, the School of Civil Engineering supports industries, government agencies, and research organisations in achieving reliable and cost-effective outcomes.

Note:

- For bulk testing or large-scale projects, clients may contact us directly for tailored packages.
- Priority/express testing services can be arranged on request.
- Customised quotations are available for specialised investigations, site visits, or advanced instrumentation.
- Consultancy charges follow REVA University guidelines and are reviewed periodically to maintain fair and competitive pricing.
- Applicable taxes (GST) will be charged as per Government norms.
- All services are carried out in compliance with IS/IRC/ASTM/AASHTO standards, ensuring accuracy and reliability.

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Customer Enquiry Form



Our Clients

