

Department of Civil Engineering

Accredited by National Board of Accreditation (NBA)

Annexure A

Charges for the Structural Audit

With effective from Jan - 2026

Sr. No.	Particulars	Rate per	Amount (in Rs)
1	Water Tank - Masonry	No.	3000.00
2	Load bearing or RCC Building Plinth Area up to 5000 sq ft.	No.	10,000.00
	Plinth Area above 5000 sq ft.	Sq. ft.	2.00
3	Industrial building Plinth Area up to 15000 sq ft	Sq. ft.	3.00
	Plinth Area above 15000 sq ft and up to one lakh sq ft	Sq. ft.	4.00
4	Rebound hammer test (For G+2 and above)	Per floor (up to 03 points)	1000
5	Ultra-sonic pulse velocity test (For G+2 and above)	Per floor (up to 03 points)	1500

Rebound hammer test and Ultra sonic pulse velocity test extra charge should not be taken for G+1 building having area up to 5000 sq ft.

For transportation of machinery and consultants from the department – Transportation charge Rs 10.00 per km should be given by the owner.

Note: The rates will be revised as and when required. Government taxes will be added as per norms.


Sign of HOD

01/01/2026

Head of Department
Civil Engineering
Gharda Institute of Technology
A/p- Lavel, Tal- Khed, Dist- Ratnagiri 415708


Sign of Principal



Department Vision: To develop individuals as a proficient Civil engineer with social responsibility.

Department Mission:

- > Impart quality education through need based curriculum in academic programs.
- > Develop skills to apply knowledge to chosen professions.
- > Create awareness, understanding of continuous learning and responsibility towards society and environment.

Department of Civil Engineering

Accredited by National Board of Accreditation (NBA)

Annexure B: Material Testing

with effect from 1 Jan 2026

Sr. No.	Name of Test (Tests Includes)	Mode of testing	Rates (in Rs)
1	Basic tests of cement	1 set	2500.0
	Standard consistency,		
	Setting time (initial & final)		
	Compressive strength, soundness test.		
2	Basic Tests of Fine Aggregate Water absorption , Specific gravity, Silt Content, Sieve Analysis, Bulk of Sand	1 test	2500
3	Only sieve analysis of sand (fine agg.)	1 test	500.0
4	Only sieve analysis of course Agg. (Course Agg.)	1 test	500.0
5	Mix Design	1 test	9200.0
	Sieve analysis of fine & course aggregate		
	Water absorption of fine and course aggregate, compression test results for at least two sets		
	Final design mix.		
Testing of concrete			
6	Compressive test of Concrete cubes (without casting)(set of 3 cubes)	1 test	550.0
7	Flexural strength of beam	1 test	1450.0
	(Including casting)(Set of 3 samples)		

Department Vision: To develop individuals as a proficient Civil engineer with social responsibility.

Department Mission:

- > Impart quality education through need based curriculum in academic programs.
- > Develop skills to apply knowledge to chosen professions.
- > Create awareness, understanding of continuous learning and responsibility towards society and environment.

Department of Civil Engineering

Accredited by National Board of Accreditation (NBA)

Sr. No.	Name of Test (Tests Includes)	Mode of testing	Rates (in Rs)
8	Flexural strength of beam	1 test	1100.0
	(without casting) (Set of 3 samples)		
Paver blocks testing			
9	Water absorption (set of 8 blocks)	1 test	3650.0
	Compressive strength (set of 8 blocks)		
	Resistance to water(set of 8 blocks)		
10	Compressive strength (Set of 3 blocks)	1 test	550.0
11	Compressive strength with area calculation (Set of 3 blocks)	1 test	750.0
12	Flextural test on paver blocks (Set of 3 blocks)	1 test	550.0
Construction blocks (Hollow / solid blocks)			
13	Water absorption test , Density of block, compressive strength (set of 3 Blocks)	1 test	1900.0
Bricks			
14	Basic tests of bricks	1 test	350.0
	Size, shape, etc. (set of 3 bricks)		
15	Water absorption test (set of 3 bricks)	1 test	400.0
16	Compressive strength of brick (set of 3 bricks)	1 test	400.0
17	Combine testing of Brick	1 test	2100.0
	Basic tests of Bricks		

Department Vision:

To develop individuals as a proficient Civil engineer with social responsibility.

Department Mission:

- > Impart quality education through need based curriculum in academic programs.
- > Develop skills to apply knowledge to chosen professions.
- > Create awareness, understanding of continuous learning and responsibility towards society and environment.

Department of Civil Engineering

Accredited by National Board of Accreditation (NBA)

Sr. No.	Name of Test (Tests Includes)	Mode of testing	Rates (in Rs)
	Water absorption test		
	Compression test		
	(set of 3 bricks each.)		
	Flooring tiles & wall tiles		
18	Water absorption ,Flextural test (set of 6 tiles)	1 test	425.0
	Wood / Non Metal material		
19	Density , Moisture content	1 test	1200.0
20	Flextural test (set of 3 specimens)	1 test	525.0
21	Compressive test	1 test	525.0
	Steel testing		
22	Tensile strength of reinforcement		
	Up to 16 mm (set of 3 bars)	1 test	400.0
	Above 16 mm to 32 mm (set of 3 bars)	1 test	550.0
23	Combination of tensile strength,% elongation Yield stress, weight per meter, % reduction c/s	1 test	1400.0
	Up to 16 mm. (set of 3 bars)	1 test	1750.0
	Above 16 mm to 32 mm (set of 3 bars)		
24	Wire rope test (St of 3 specimen)	1 test	1200.0
	Soil testing		
25	Sieve analysis of soil	1 test	750.0
26	Field moisture content	1 test	550.0

Department Vision: To develop individuals as a proficient Civil engineer with social responsibility.

Department Mission:

- Impart quality education through need based curriculum in academic programs.
- Develop skills to apply knowledge to chosen professions.
- Create awareness, understanding of continuous learning and responsibility towards society and environment.

Department of Civil Engineering

Accredited by National Board of Accreditation (NBA)

Sr. No.	Name of Test (Tests Includes)	Mode of testing	Rates (in Rs)
27	Liquid limit & plastic limit	1 test	1450.0
28	Compaction test	1 test	2000.0
29	Field density by sand replacement method	1 test	1575.0
30	Mechanical analysis	1 test	2550.0
	Field density by core cutter Relative density		
31	Direct Shear test	1 test	4000.0
32	Triaxial test	1 test	4000.0
33	CBR Soil testing	1 test	2000.0
Bitumen & Aggregates (for Road const.)			
34	Penetration, softening point,	1 test	3400.0
35	Ductility test	1 test	1250.0
36	Impact value for aggregate	1 test	750.0
37	Moisture content of aggregate	1 test	450.0
38	Compression testing of aggregate.	1 test	550.0
39	Abrasion testing of aggregate.	1 test	750.0
Mineral Testing			
40	Relative Hardness Test	1 test	125.0
Water Testing			
41	pH	1 test	125.0
42	Alkalinity	1 test	125.0
43	Hardness	1 test	125.0

Department Vision:

To develop individuals as a proficient Civil engineer with social responsibility.

Department Mission:

- > Impart quality education through need based curriculum in academic programs.
- > Develop skills to apply knowledge to chosen professions.
- > Create awareness, understanding of continuous learning and responsibility towards society and environment.

Department of Civil Engineering
Accredited by National Board of Accreditation (NBA)

Sr. No.	Name of Test (Tests Includes)	Mode of testing	Rates (in Rs)
44	Fluoride	1 test	125.0
45	Turbidity	1 test	125.0
46	Residual Chlorine	1 test	125.0
47	Total Dissolved Solids	1 test	125.0
48	Chloride	1 test	125.0

Note: The rates will be revised as & when required. The Government taxes will be added as per norms.


Sign of HOD
07/04/2026


Sign of Principal

Head of Department
Civil Engineering
Gharda Institute of Technology
A/p- Lavel, Tal- Khed, Dist- Ratnagiri 415708



Department Vision: To develop individuals as a proficient Civil engineer with social responsibility.

- Department Mission:
- > Impart quality education through need based curriculum in academic programs.
 - > Develop skills to apply knowledge to chosen professions.
 - > Create awareness, understanding of continuous learning and responsibility towards society and environment.