

Gharda Institute Of Technology

997-DOCTL

Material Testing lab.



“Formost in konkan

Exclusively for Quality monitoring in civil industry”



With us join hands to serve society...

About GIT-DOC™

Is a activity adopted by Department of civil Engg. With the help of established resources like manpower and infrastructure, GIT has started testing laboratory to serve nearby civil industry . Department of Civil , Material Testing Lab is well designed lab to fulfill requirements of engineers who work for building nation . Our lab capable to carry out most of tests for concrete , cement , steel , soil , and materials used in road and housing construction .

We are enriched with latest equipments :-

CONCRETE TECHNOLOGY LABORATORY

- UNIVERSAL TESTING MACHINE (100MT Capacity).
- ELECTRONIC EXTENSOMETER
- WIRE ROPE TEST ATTACHMENT
- COMPRESSION TESTING MACHINE (200 MT.Capacity)
- REBOUND HAMMER
- ULTRASONIC PULSE VELOCITY TESTER.
- SEIVE SHECKER WITH SEIVE SETS FOR SAND & AGGREGATE
- CONCRETE MIXER AND VIBRATING TABLE.
- COMPACTION FACTOR APPARATUS
- SLUMP CONE APPARATUS
- SELF COMPACTION FACTOR APPARATUS
- CIRCULAR . BEAM AND CUBE MOULDS.
- AGGREGATE IMPACT TESTING MACHINE

TRANSPORTATION ENGINEERING LABORATORY

- ABRASSION TESTING MACHINE
- AGGREGATE CRUSHING VALUE APPARATUS.
- PENETROMETER.
- RING AND BALL APPARATUS.
- DUCTILITY TESTING MACHINE .
- CORE CUTTER APPARATUS

GEOTECHNICAL ENGINEERING LABORATORY

- LIQUID LIMIT, PLASTIC LIMIT APP
- RELATIVE DENSITY APPARATUS.
- TRIAXIAL SHEAR TEST APPARATUS.
- VANE SHEAR APPARATUS .
- SWELL TEST APPARATUS.
- CONSOLIDATION APPARATUS .

Contact

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Visit—www.git-india.edu.in.

..IT'S INDIRECT HELP TO NGO.

CAT. NO.	TEST	Results in days
CT-110	ANALYSIS OF CEMENT	04
CT-111	ANALYSIS OF SAND	03
CT-112	ANALYSIS OF AGGREGATE	03
CT-113	MIX DESIGN	Initial after 07 days. Final after 28 days.
CT-114	NDT - I	2 days after site visit
CT-115	NDT - II	2 days after site visit
CT-116	STEEL TESTING	
CT-116a	REINFORCEMENT	08
CT-116b	SHEAR TEST	Steel - 01
CT- 116C	FLEXURAL TEST	Steel - 01 Concrete - after 28 days
CT- 116d	WIRE ROPE TEST	1 day
TR-201	TESTS ON BITUMEN	
TR-201a	SOFTENING POINT	1 day
TR-201b	DUCTILITY TEST	1 day
TR-201c	PENETRATION TEST	1 day
TR-202	IMPACT VALUE	1 day
TR-203	AGGREGATE ABRASION VALUE	1 day
TR-204	CRUSHING VALUE	1 day
TR-205	FLAKINESS & ELONGATION	1 day
GEO-301	DETERMINATION OF SHEAR STRENGTH OF SOIL	7 days
GEO-302	WATER CONTENT IN SOIL (CORE CUTTER)	3 days
GEO-303	CONSOLIDATION TEST	7 days
GEO-304	SHEAR STRENGTH AND CHARACTERISTIC OF SOIL	7 days
GEO-305	RELATIVE DENSITY OF SOIL	2 days
GEO-306	LIQUID LIMIT & PLASTIC LIMIT	3 days
GEO-307	DENSITY BY CORE CUTTER	3 days
GEO-308	DENSITY BY SAND REPLACEMENT.	1 day

