



Estd.1995

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institute, NAAC Accredited with 'A' Grade
NBA Accredited for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech Courses

Approved by AICTE, New Delhi, Affiliated to JNTUH

Recognized as "College with Potential for Excellence" by UGC

Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.

Telephone No: 040-2304 2758/59/60, Fax: 040-23042761

E-mail: postbox@vnrvjiet.ac.in, Website: www.vnrvjiet.ac.in

Department of Civil Engineering

Concrete Laboratory

Date: 24-04-18

| Equipment Name | Figure |
|---|--|
| Vicat Apparatus (Standard Consistency) |  |
| Vicat Apparatus (Initial & Final Setting Time) |  |
| Specific Gravity Bottle |  |



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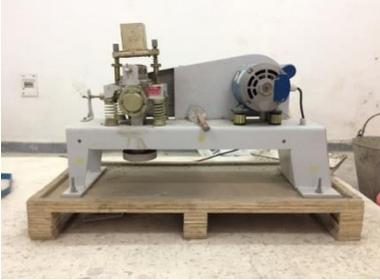
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| | |
|---|---|
| Le Chatlier Apparatus |  A photograph of a Le Chatlier apparatus, which consists of a cylindrical brass container with a green base and a dark, cylindrical weight on top. A thin metal rod is attached to the side of the container. |
| 70.7mm X 70.7mm X 70.7mm Mould |  A photograph of a square metal mould with a label that reads 'Aimil Ltd.' and other technical specifications. The mould is made of dark metal and has a rectangular opening in the center. |
| Vibrating Machine |  A photograph of a vibrating machine, which is a mechanical device used for compacting soil or concrete. It features a motor, a frame, and a vibrating mechanism. |
| Pycnometer |  A photograph of a glass pycnometer, which is a laboratory instrument used for measuring the density of solids. It consists of a glass jar with a stopper and a small funnel on top. |



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**Bulking of Fine
Aggregate Apparatus**



Weighing Balance



**Vee-bee consistometer
apparatus**



**Compacting factor
apparatus**





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| | |
|------------------------|---|
| Rebound Hammer |  |
| Vibrating Table |  |
| Drum Mixer |  |
| Misc. items | Cube Moulds, Cylindrical Moulds, Prism Moulds, Measuring Cylinders, Spatulas, Stop Watches, Non-porous trays, Trolleys, etc., |

Note: Advanced Concrete Lab will cater the needs of advanced testing of concrete material.



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