

CALIBRATION LABORATORY



Faculty In charge

Dr. Srinivasan S, Professor

Dr. Mythili M, Assistant Professor

Dr. Ganeshram A, Assistant Professor

Technical Staff

Mr. Jagadheesh A, Professional Assistant - I

CALIBRATION LABORATORY

- The Calibration Laboratory is equipped to calibrate the vital industrial process parameters such as electrical quantity, temperature and pressure.
- The laboratory consist of Multiproduct Calibrator, Dry Temperature Bath, Dead Weight Tester, IR Calibrator, Thermal Imager, Standard RTD and 6½ Digit multimeter.
- The student understand the calibration procedure and get trained in calibrating the field instruments.



Process Calibrator

CALIBRATION LABORATORY



High Temperature Calibrator

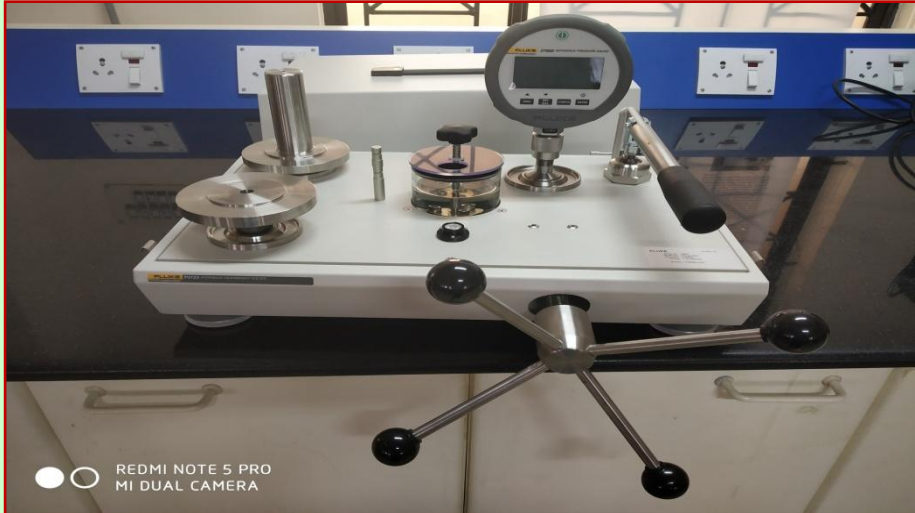


Low Temperature Calibrator



IR Calibrator

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Dead Weight Tester



Thermal Imager



**Reference standard R type Thermocouple
Reference sensor(RTD) probe**

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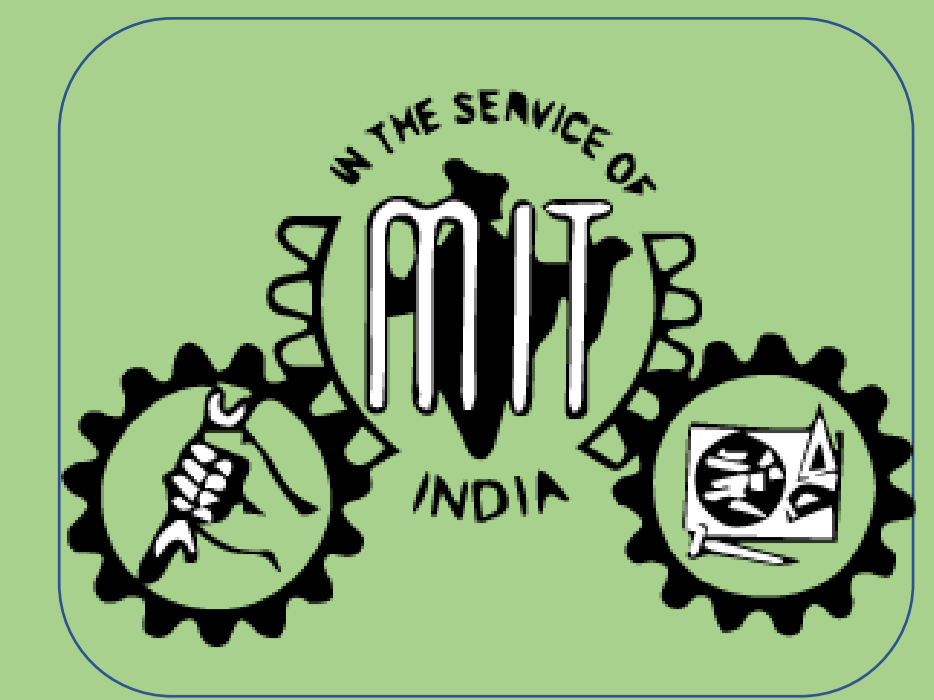
Viscometer and Thermosel



Smart Pressure Calibrator



DEPARTMENT OF INSTRUMENTATION ENGINEERING MIT CAMPUS, ANNA UNIVERSITY CALIBRATION LABORATORY



MAJOR EQUIPMENTS



MULTI-PRODUCT CALIBRATOR, 6.5 DIGIT PRECISION MULTIMETER & LOOP CALIBRATOR

Model Name : Fluke 5502A, 8846A, & 709 from M/s Fluke Corporation, Everett, WA, USA
Funding source : DST Purse Phase-II
Date : 23.06.2015
Amount : Rs. 22,64,121



DEAD WEIGHT TESTER

Model Name : Fluke P3123 from M/s. J-Tech Instruments, Chennai
Funding source : UGC SAP
Date : 08.05.2019
Amount : Rs. 8,31,335



HIGH TEMPERATURE CALIBRATOR, REFERENCE STANDARD R TYPE THERMOCOUPLE AND REFERENCE SENSOR (RTD) PROBE

Model Name : Nagman1200HN from M/s Nagman Instruments & Electronics Pvt. Ltd. Chennai
Funding source : Anna University Lab Modernization
Date : 04.03.2020
Amount : Rs. 4,82,400



REFERENCE TEMPERATURE CALIBRATOR

Model Name : Ametek RTC156B from M/s. Ametek Test & Calibration Instruments Denmark
Funding source : UGC XII
Date : 28.03.2014
Amount : Rs. 6,59,822



SMART PRESSURE CALIBRATOR (ADVANCE MICROPROCESSOR BASED) WITH ACCESSORIES

Model Name : Nagman MP Series from M/s Nagman Instruments & Electronics Pvt. Ltd. Chennai
Funding source : Anna University
Date : 13.03.2020
Amount : Rs. 1,26,430



BLACK BODY CALIBRATOR AND DRY BLOCK TEMPERATURE CALIBRATOR

Model Name : Nagman BBSM 650H from M/s Nagman Instruments & Electronics Pvt. Ltd. Chennai
Funding source : Anna University Lab Modernization
Date : 04.03.2020
Amount : Rs. 93,100 + 1,80,000