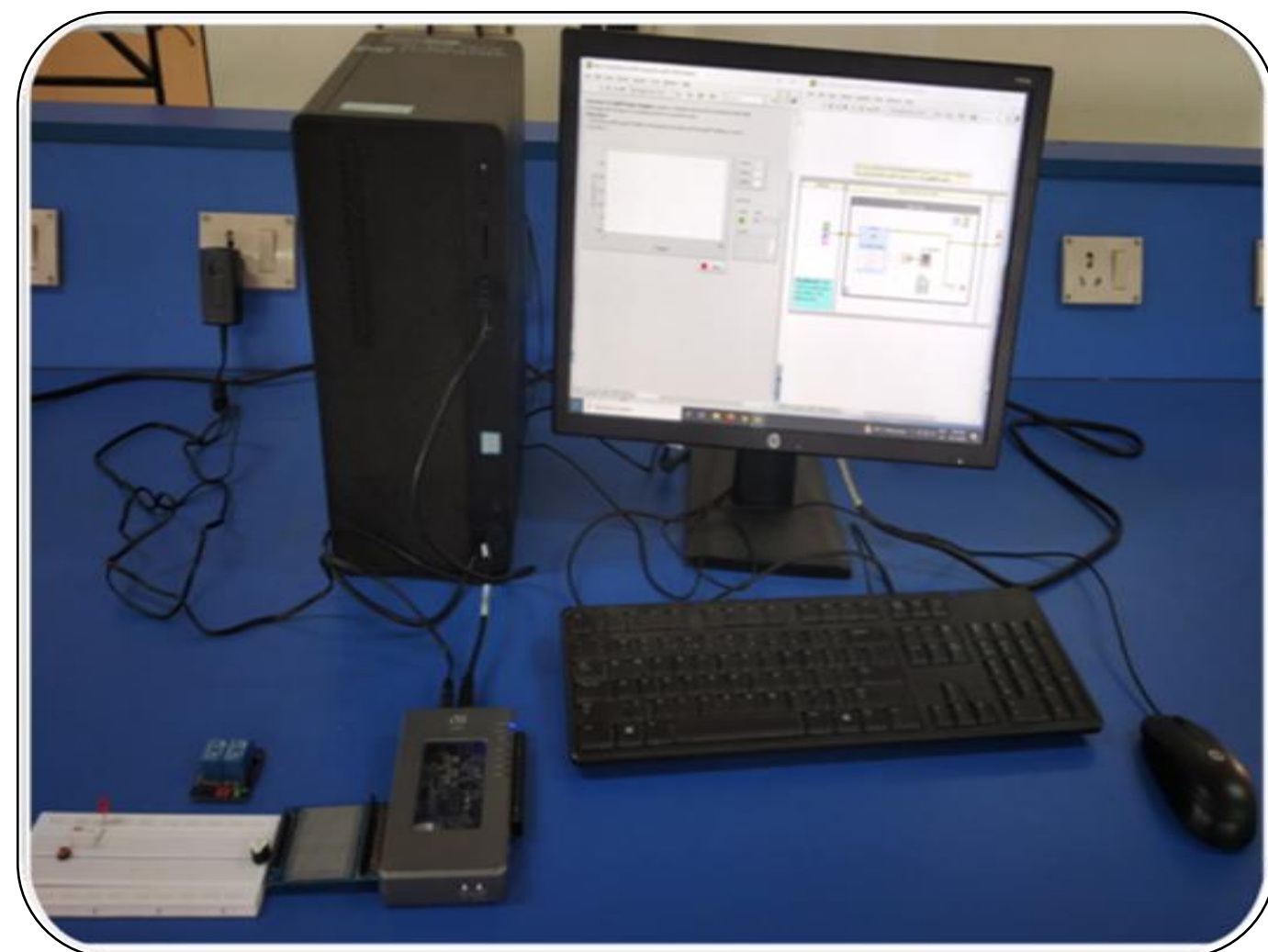


DEPT OF INSTRUMENTATION ENGINEERING

TRANSDUCERS AND MEASUREMENTS LABORATORY

MAJOR EQUIPMENT FACILITIES



NI MYRIO EMBEDDED DEVICE – UNIVERSITY KIT

Model Name :NATIONAL INSTRUMENTS

Funding source :ANNA UNIVERSITY

Date : 13.03.2022

Amount : Rs.86,564



DATA ACQUISITION CARD

Model Name :NI DAQ 6001

Funding source :ANNA UNIVERSITY LAB MODERNIZATION

Date : 10.01.2020

Amount : Rs.2,76,953



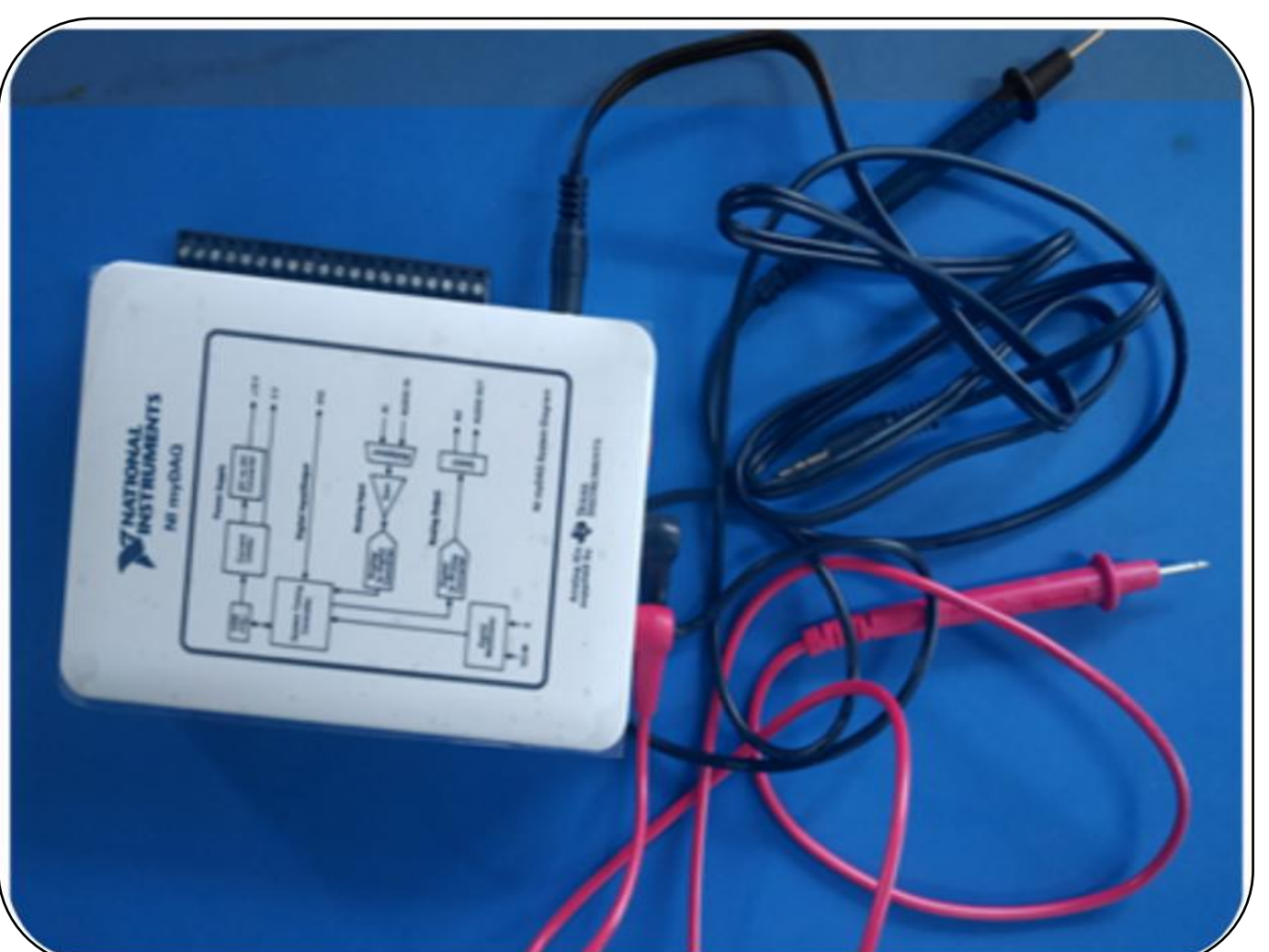
Academic Site License NI access upgraded (50 users)

Model Name :NATIONAL INSTRUMENTS

Funding source :ANNA UNIVERSITY

Date : 22.03.2019

Amount : Rs.9,85,300



DATA ACQUISITION CARD

Model Name :NI MYDAQ

Funding source :ANNA UNIVERSITY

Date : 10.03.2019

Amount : Rs.49,914



Temperature measurement system using Thermocouple

Temperature measurement system using RTD

Strain measurement system using strain gauge

Sound and vibration measurement system using accelerometer & microphone

LVDT measurement system

Model Name :(NI 9171 & NI 9211) , (NI 9171 & NI 9217), (NI 9237 & NI 9171), (NI 9171 & NI 9234) & SCXI 1540

Funding source :ANNA UNIVERSITY

Date : 26.03.2015

Amount : Rs.9,96,150

DEPARTMENT OF INSTRUMENTATION ENGINEERING

TRANSDUCERS AND MEASUREMENTS LABORATORY

MAJOR EQUIPMENT FACILITIES



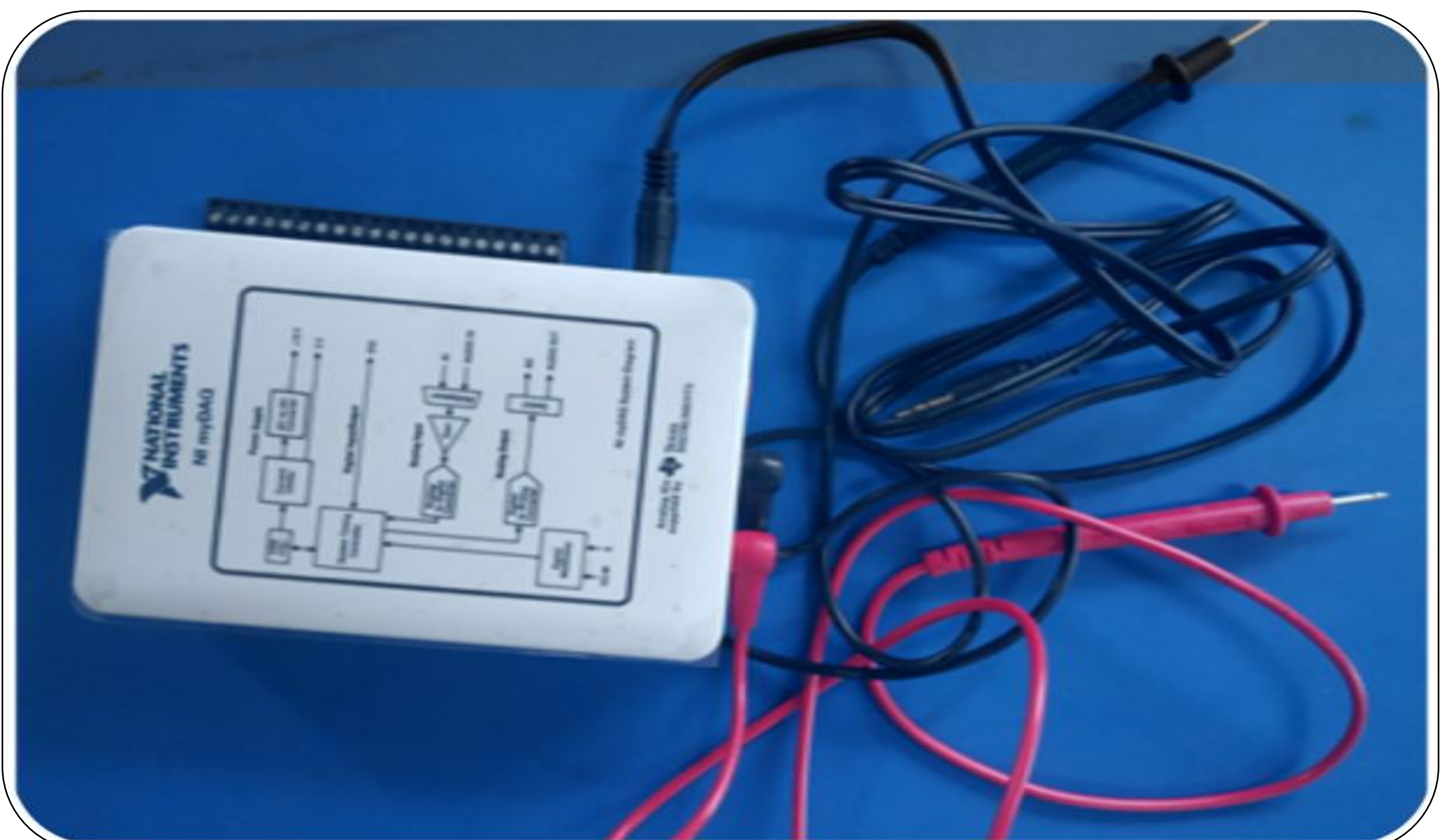
NI MYRIO EMBEDDED DEVICE – UNIVERSITY KIT
MODEL NAME : NATIONAL INSTRUMENTS
FUNDING SOURCE : ANNA UNIVERSITY
DATE : 13.03.2022
AMOUNT : RS.86,564/-



DATA ACQUISITION CARD
MODEL NAME : NI DAQ 6001
FUNDING SOURCE : ANNA UNIVERSITY LAB MODERNIZATION
DATE : 10.01.2020
AMOUNT : RS.2,76,953/-



ACADEMIC SITE LICENSE NI ACCESS UPGRADED - 50
USERS
MODEL NAME : NATIONAL INSTRUMENTS
FUNDING SOURCE : ANNA UNIVERSITY
DATE : 22.03.2019
AMOUNT : RS.9,85,300/-



DATA ACQUISITION CARD
MODEL NAME : NI MYDAQ
FUNDING SOURCE : ANNA UNIVERSITY
DATE : 10.03.2019
AMOUNT : RS.49,914/-



TEMPERATURE MEASUREMENT SYSTEM USING
THERMOCOUPLE TEMPERATURE MEASUREMENT
SYSTEM USING RTD STRAIN MEASUREMENT SYSTEM
USING STRAIN GAUGE SOUND AND VIBRATION
MEASUREMENT SYSTEMS USING ACCELEROMETER &
MICROPHONE DISPLACEMENT MEASUREMENT SYSTEM
USING LVDT
MODEL NAME : NI 9171 & NI 9211, NI 9171 & NI 9217, NI 9237 &
NI 9171, NI 9171 & NI 9234 & SCXI1540
FUNDING SOURCE : ANNA UNIVERSITY
DATE : 26.03.2015
AMOUNT : RS.9,96,150/-

Thermocouple Experimental Setup



RTD Experimental Setup



Load Cell Experimental Setup

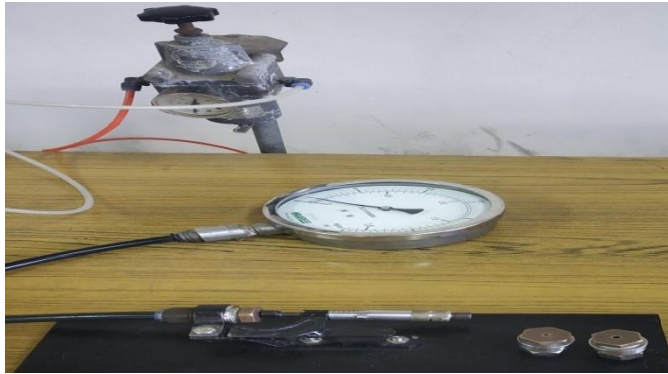


Strain Gauge Experimental Setup



Flapper Nozzle Experimental Setup

Potentiometer Experimental Setup



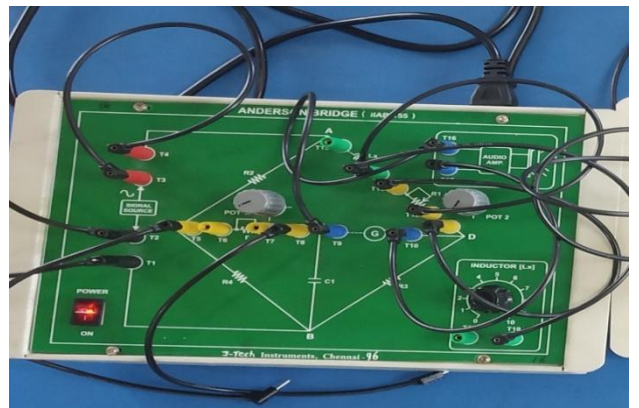
Seismic Type Accelerometer Experimental Setup



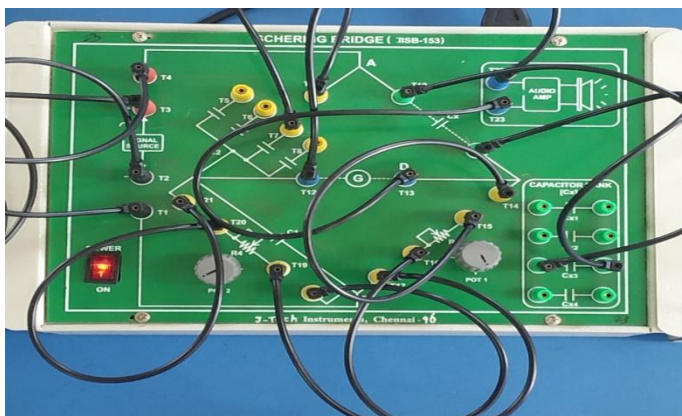
Anderson Bridge Experimental Setup



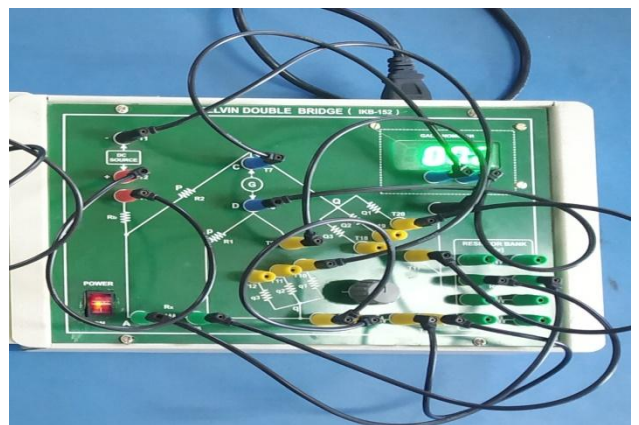
Schering Bridge Setup



Kelvin Double Bridge Setup



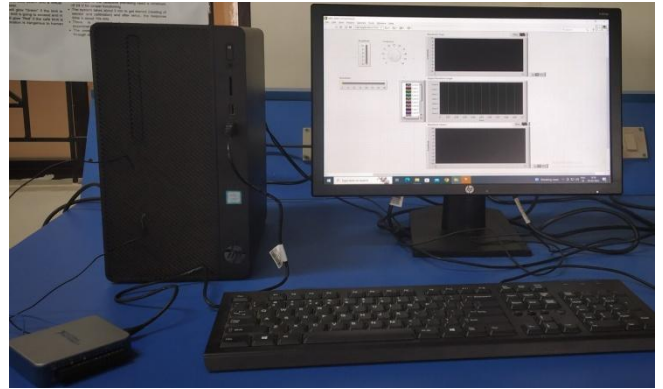
Inductive Sensor Real-Time Setup



PC Based Data Acquisition Experimental Setup



**Lead Wire Compensation for RTD
Experimental Setup**



My RIO Experimental Setup

