Expansion Testing Machine 2.0

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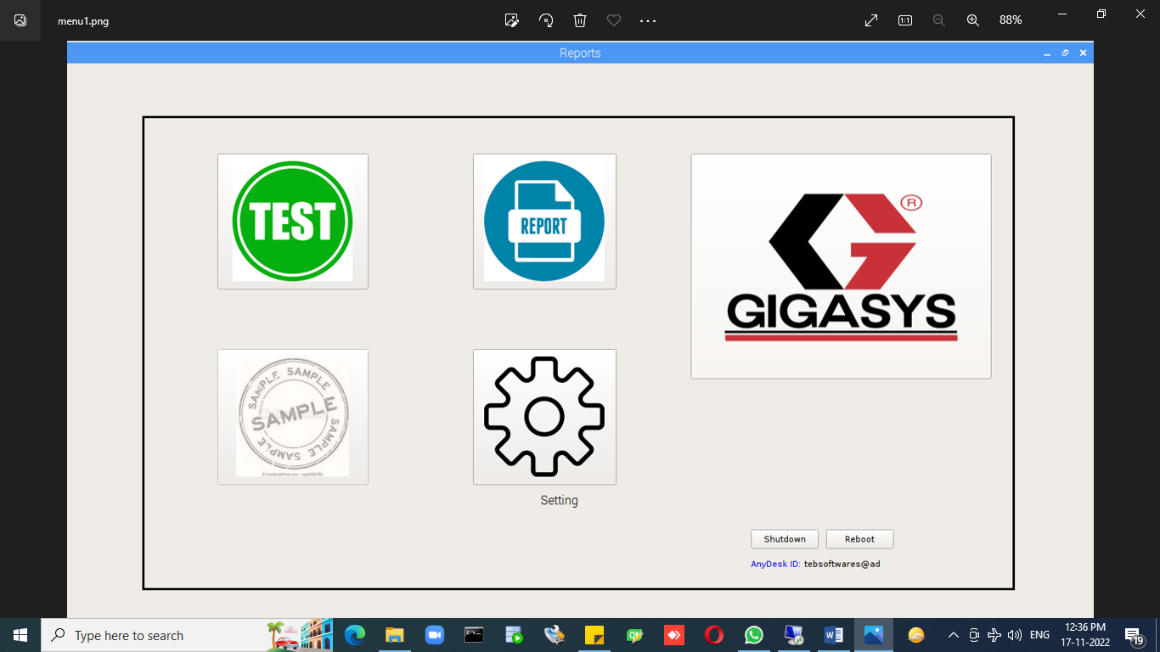
# 1.Introduction :

Following is the block diagram for the expansion testing software.

CPU

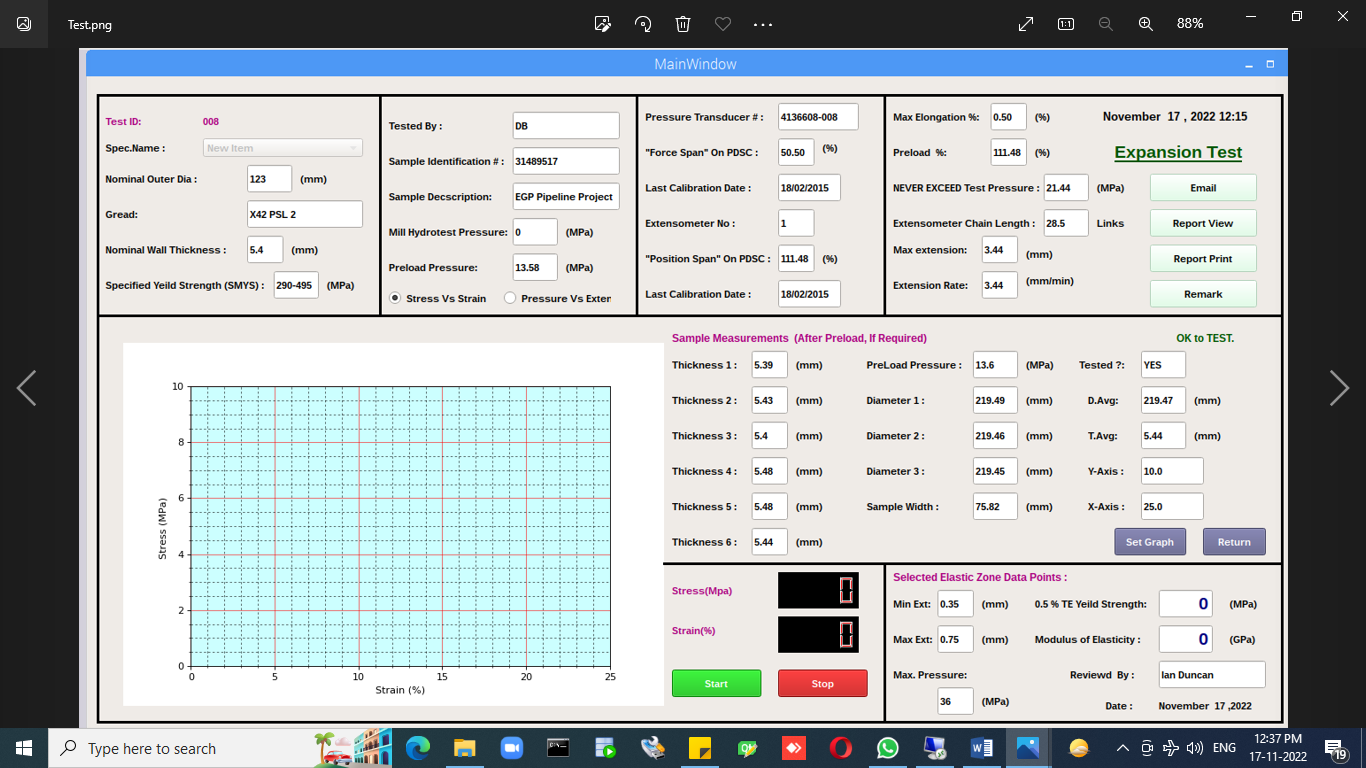
**USB to RS232 Connection:**

Controller



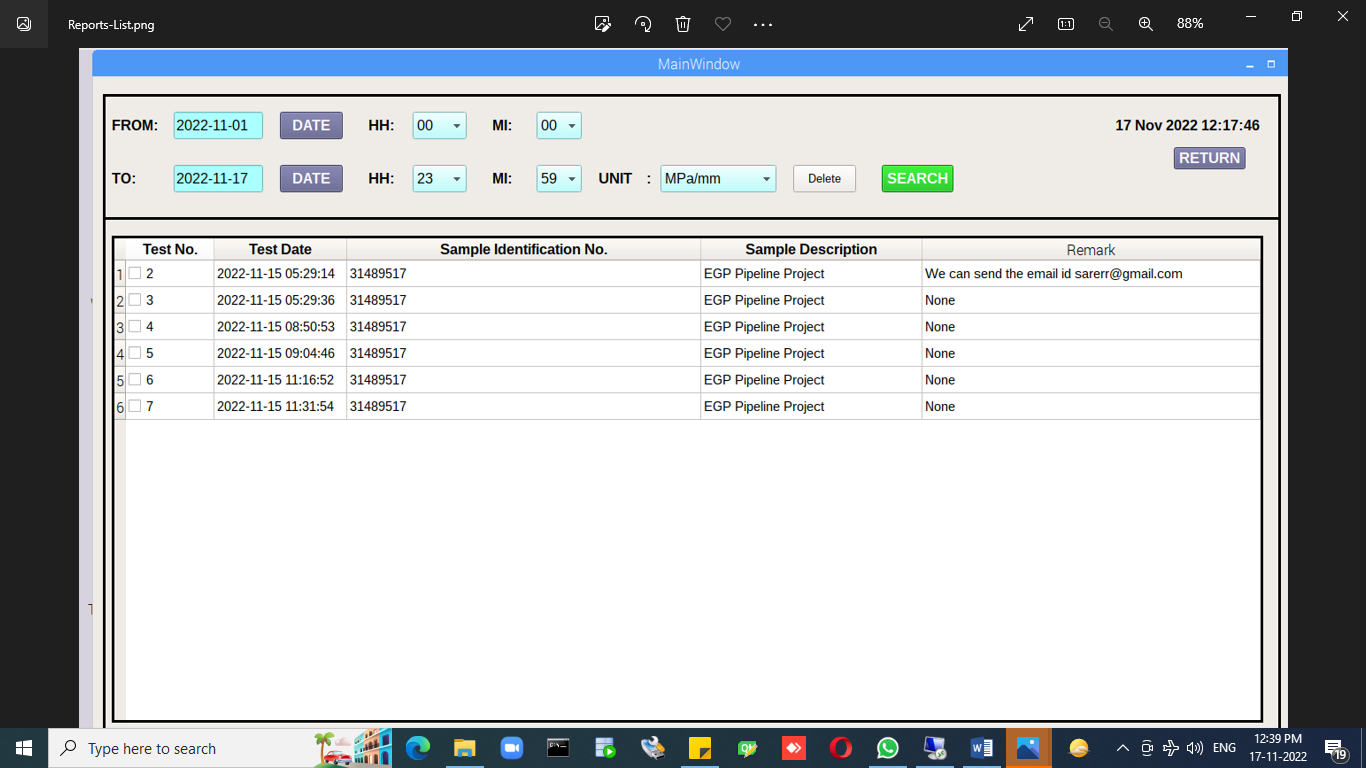
# 2.TEST:

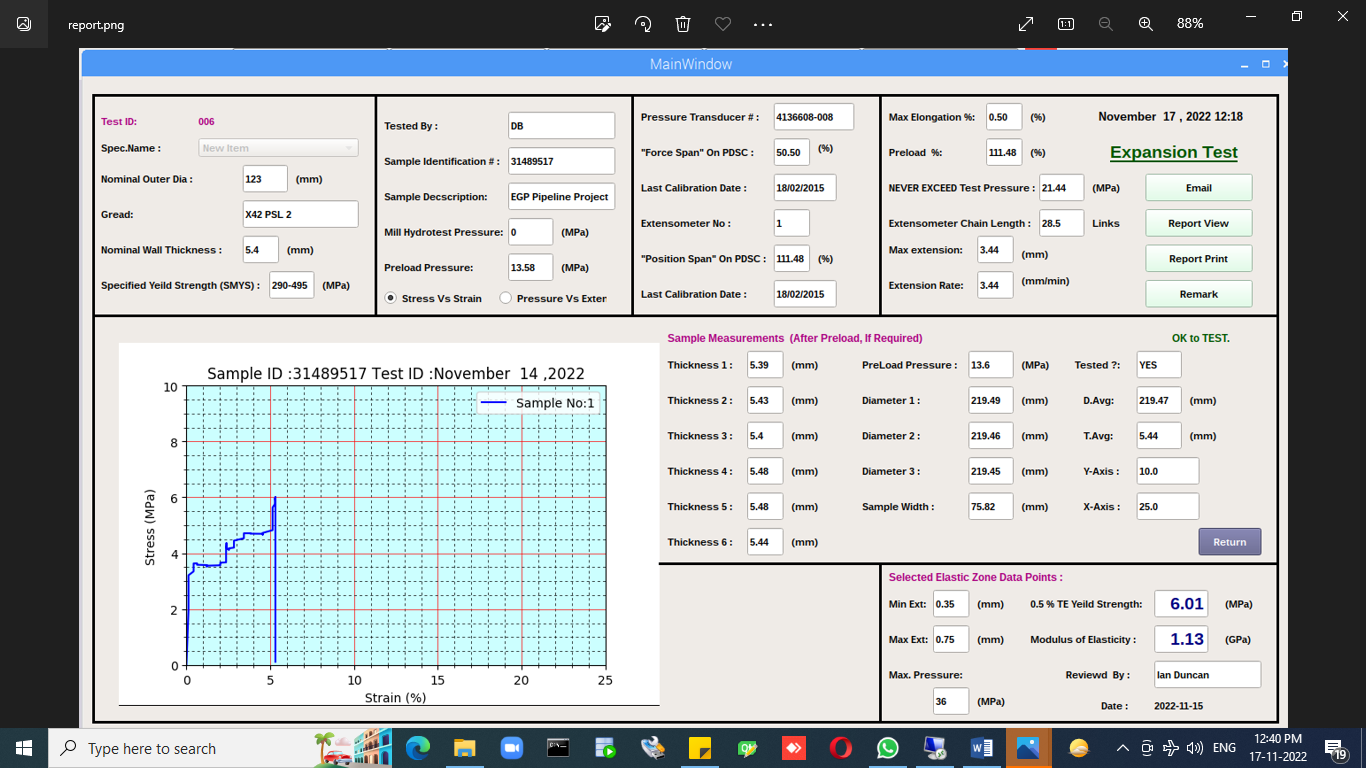
# 



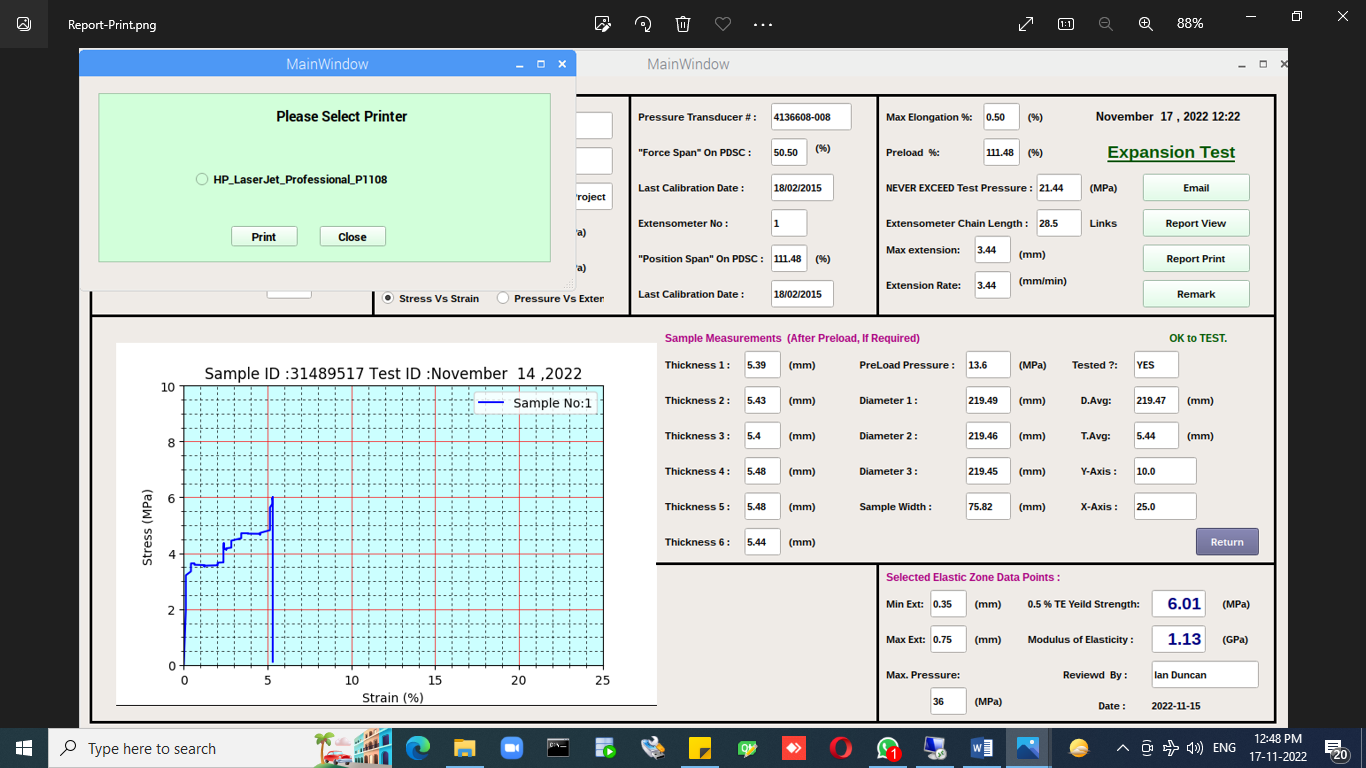
# 5.REPORTS:

# List Reports:

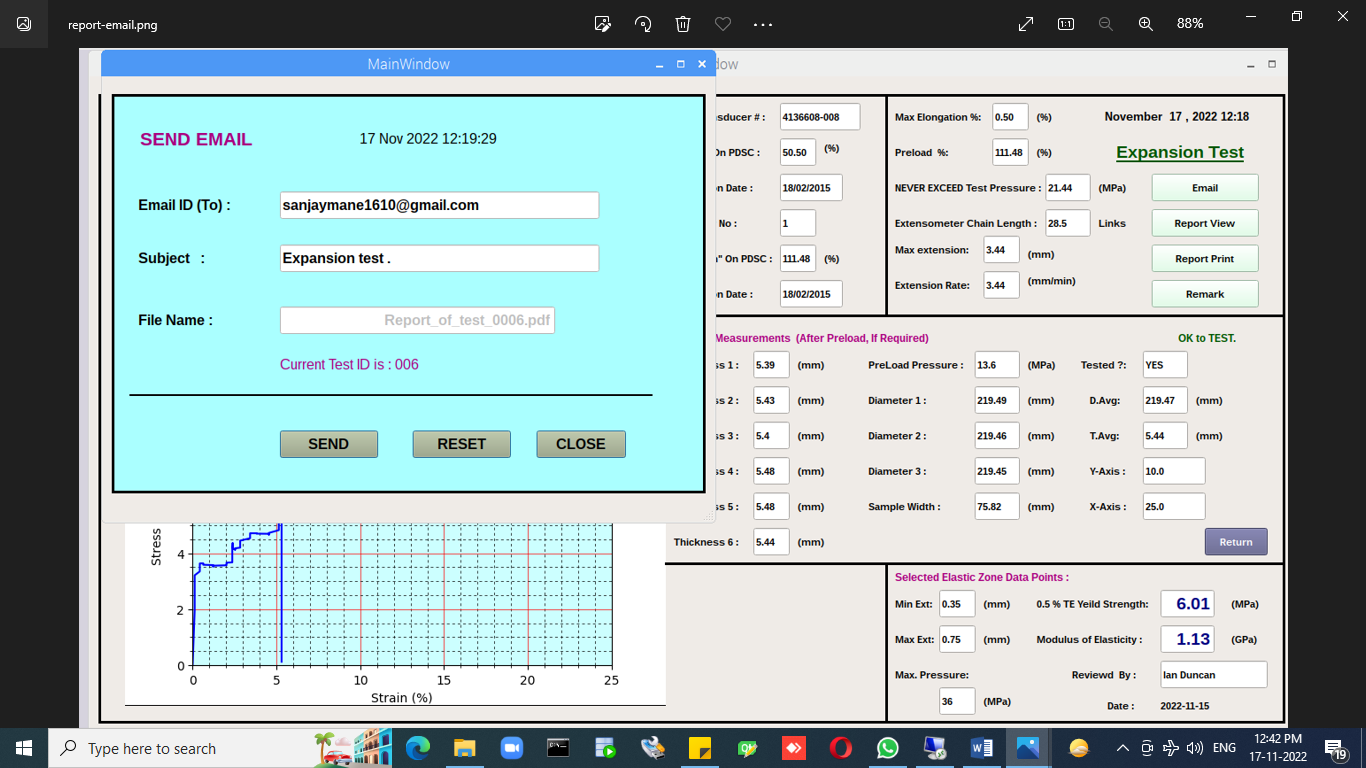




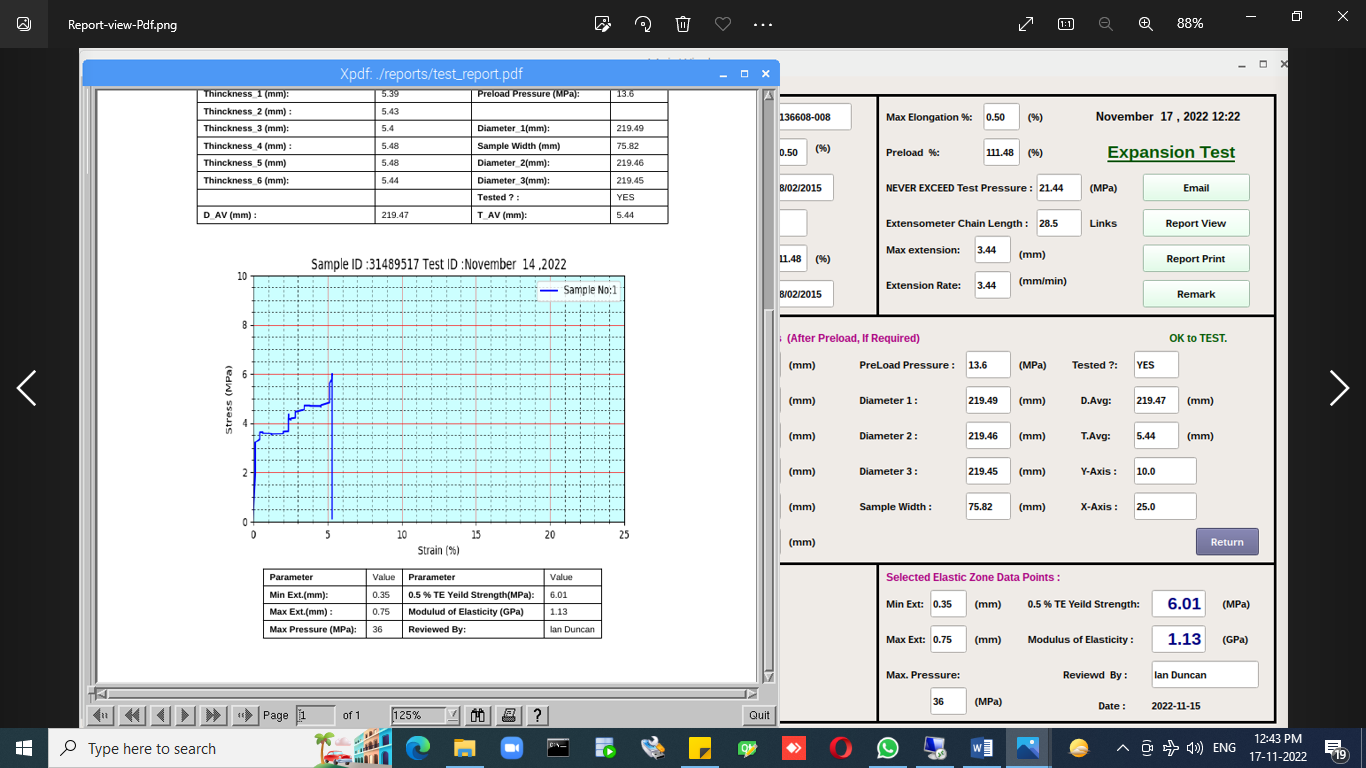
# Print Report:



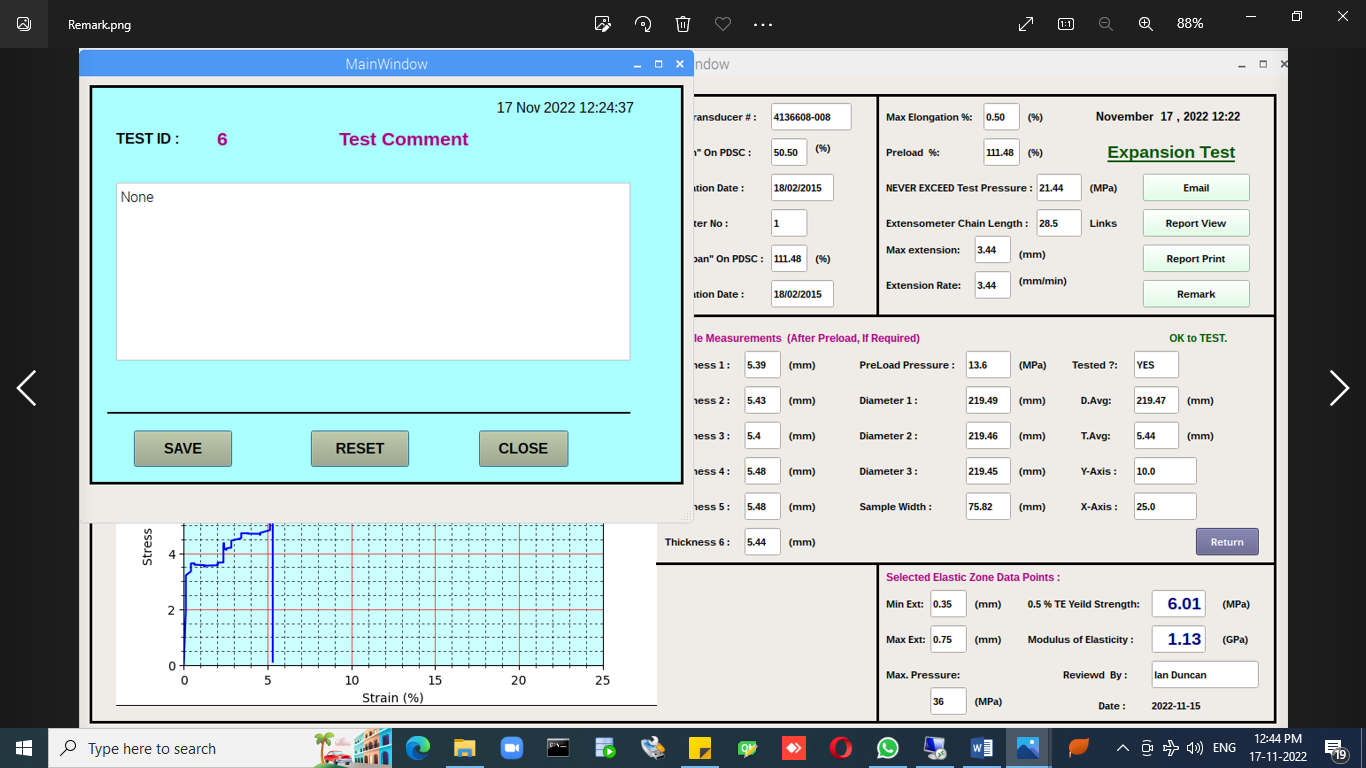
# Email Report:



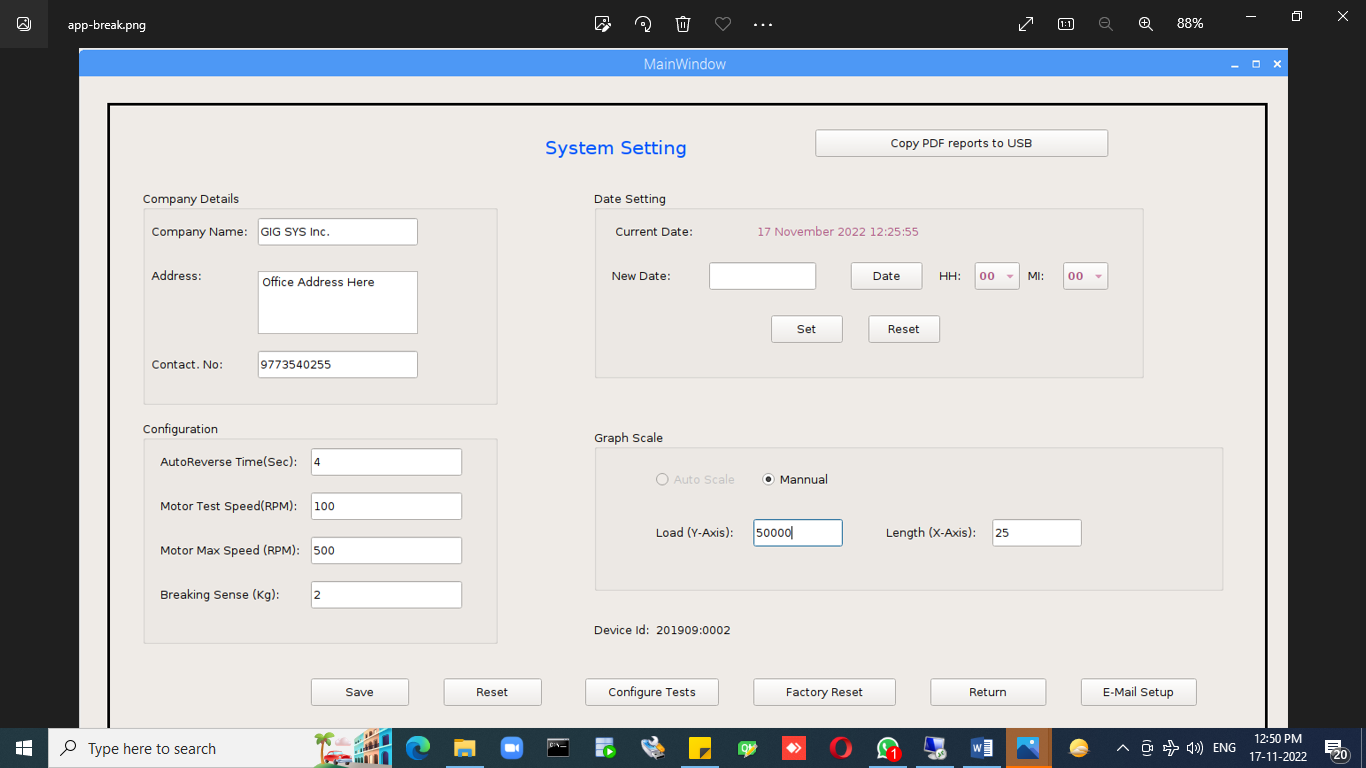
# View –PDF Report:



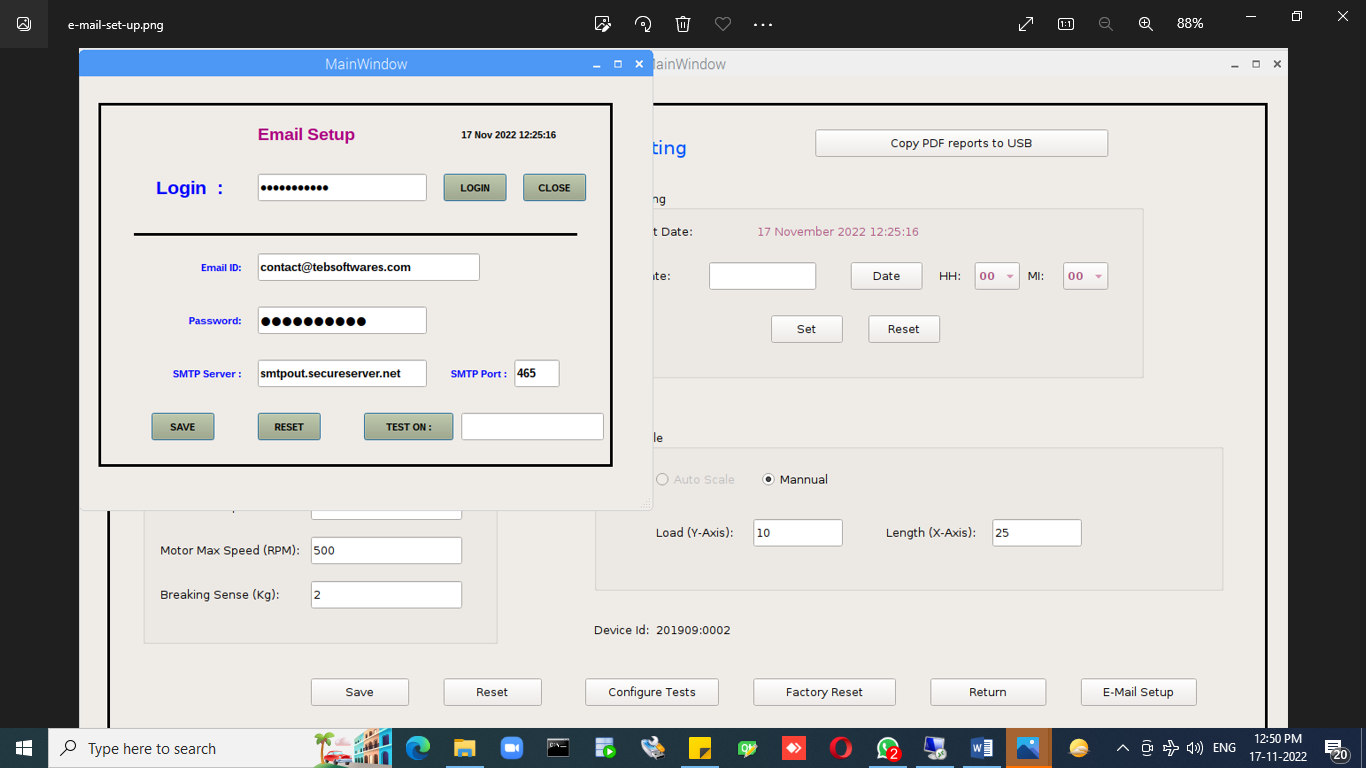
Add Remark:



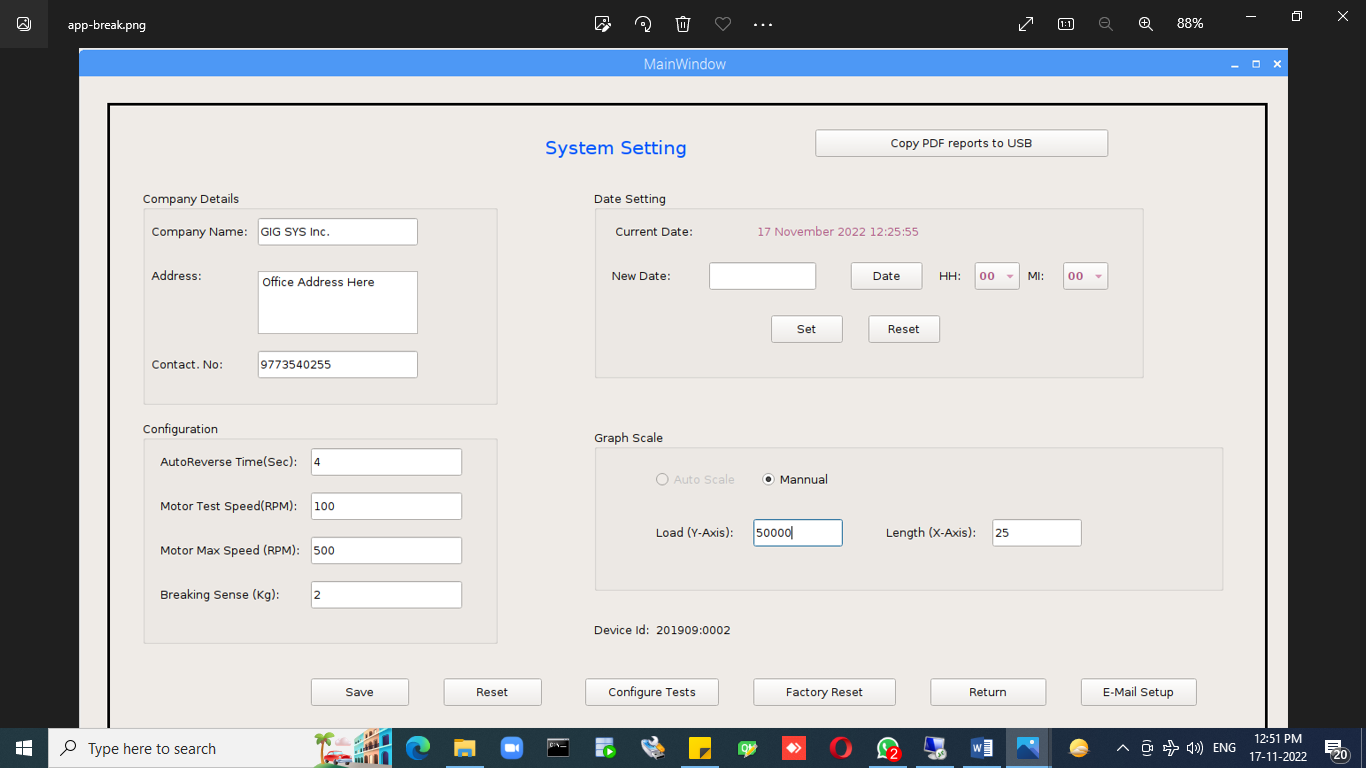
# 6.SETTING:



# Setup-Email:

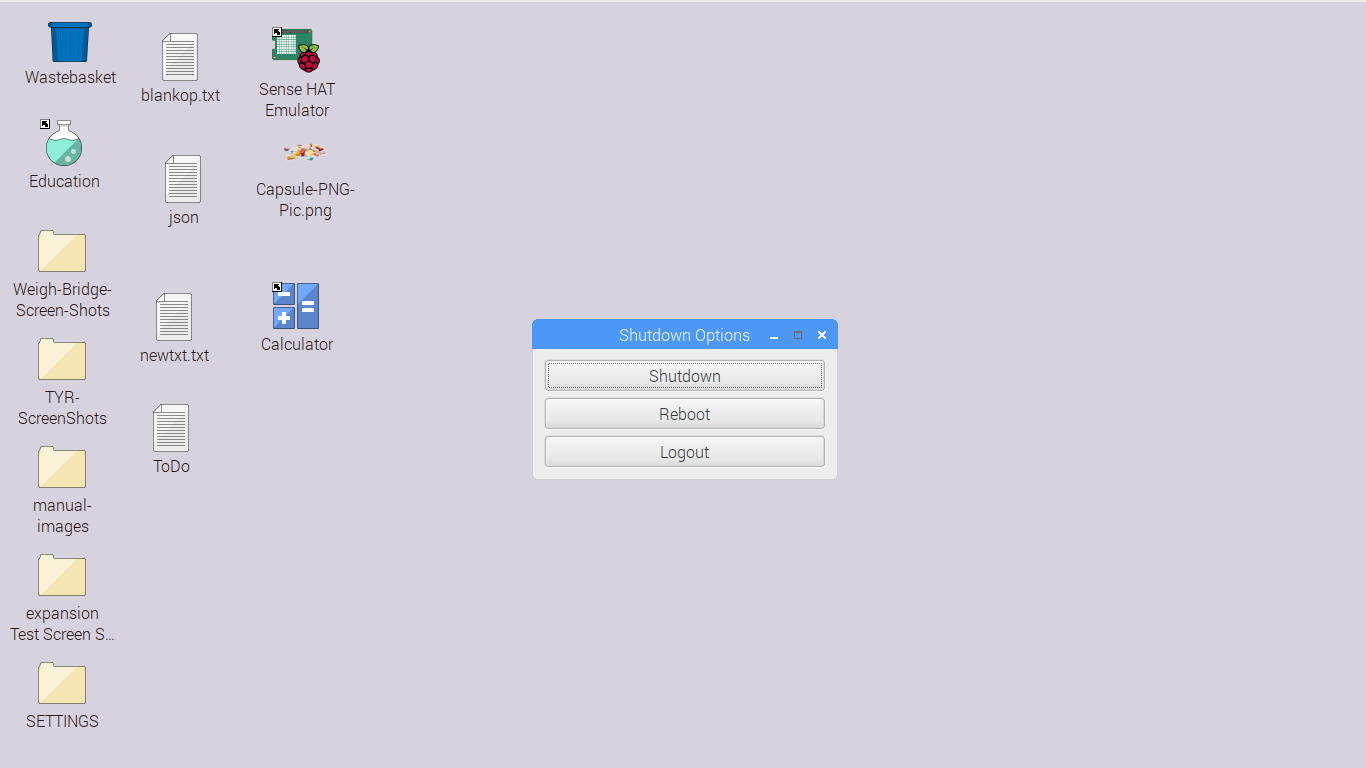


How to Break App:

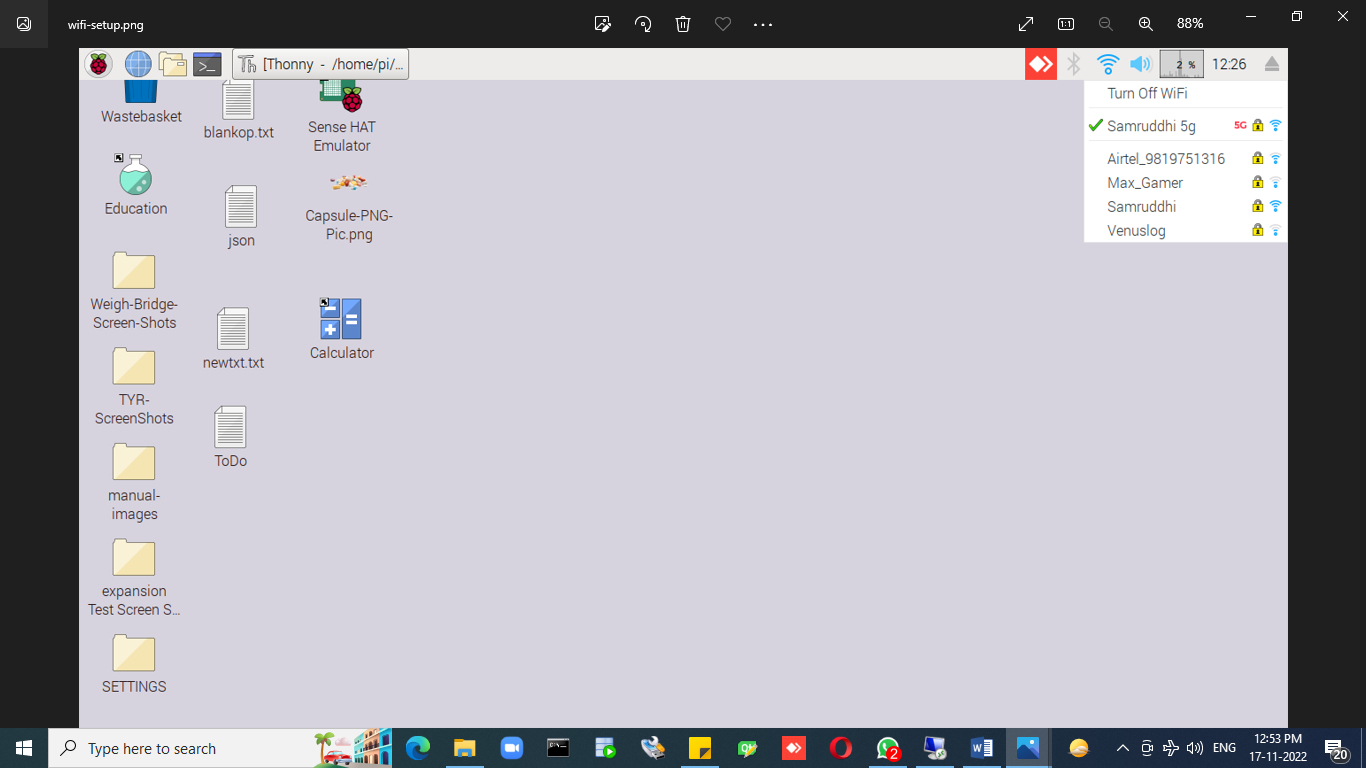


Click on “Config Test” button.

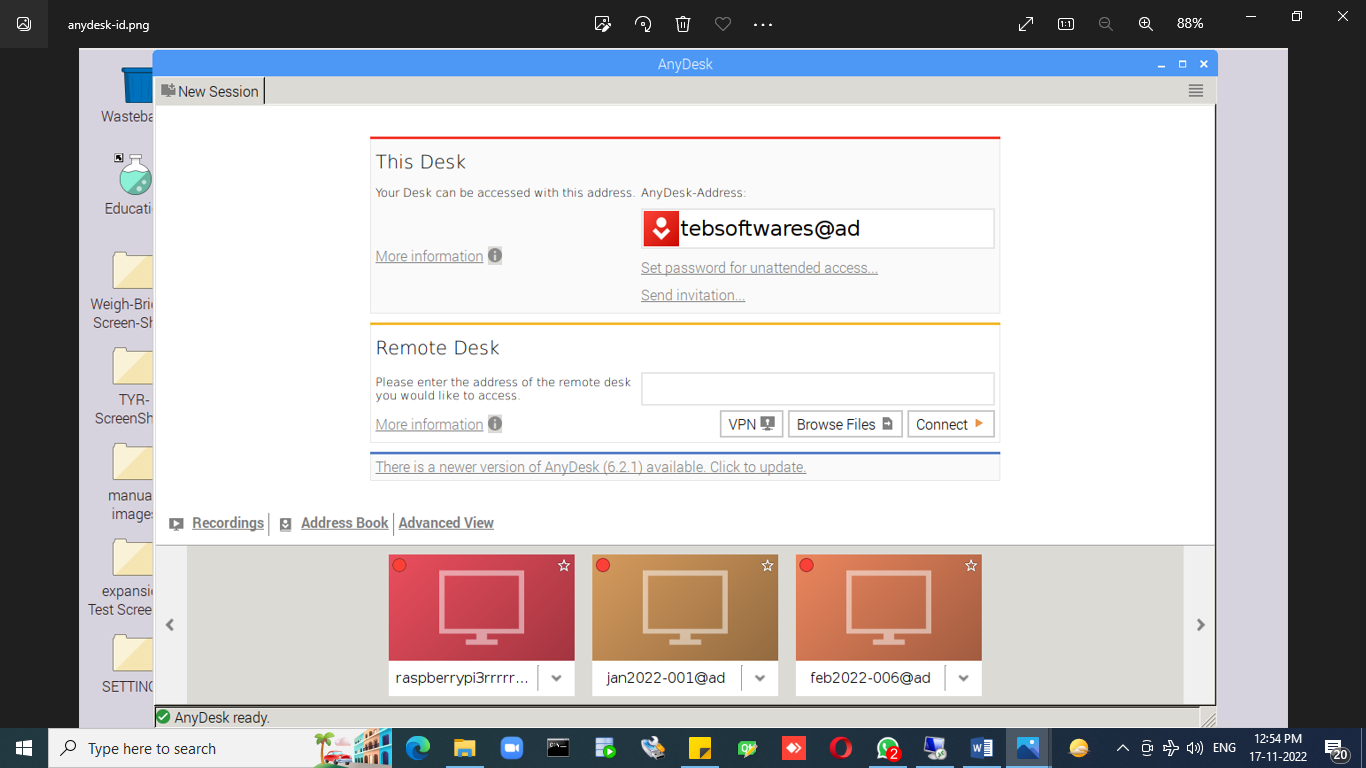
Manual Reboot:



Wifi setup:



Anydesk Id:



# 7.CPU:

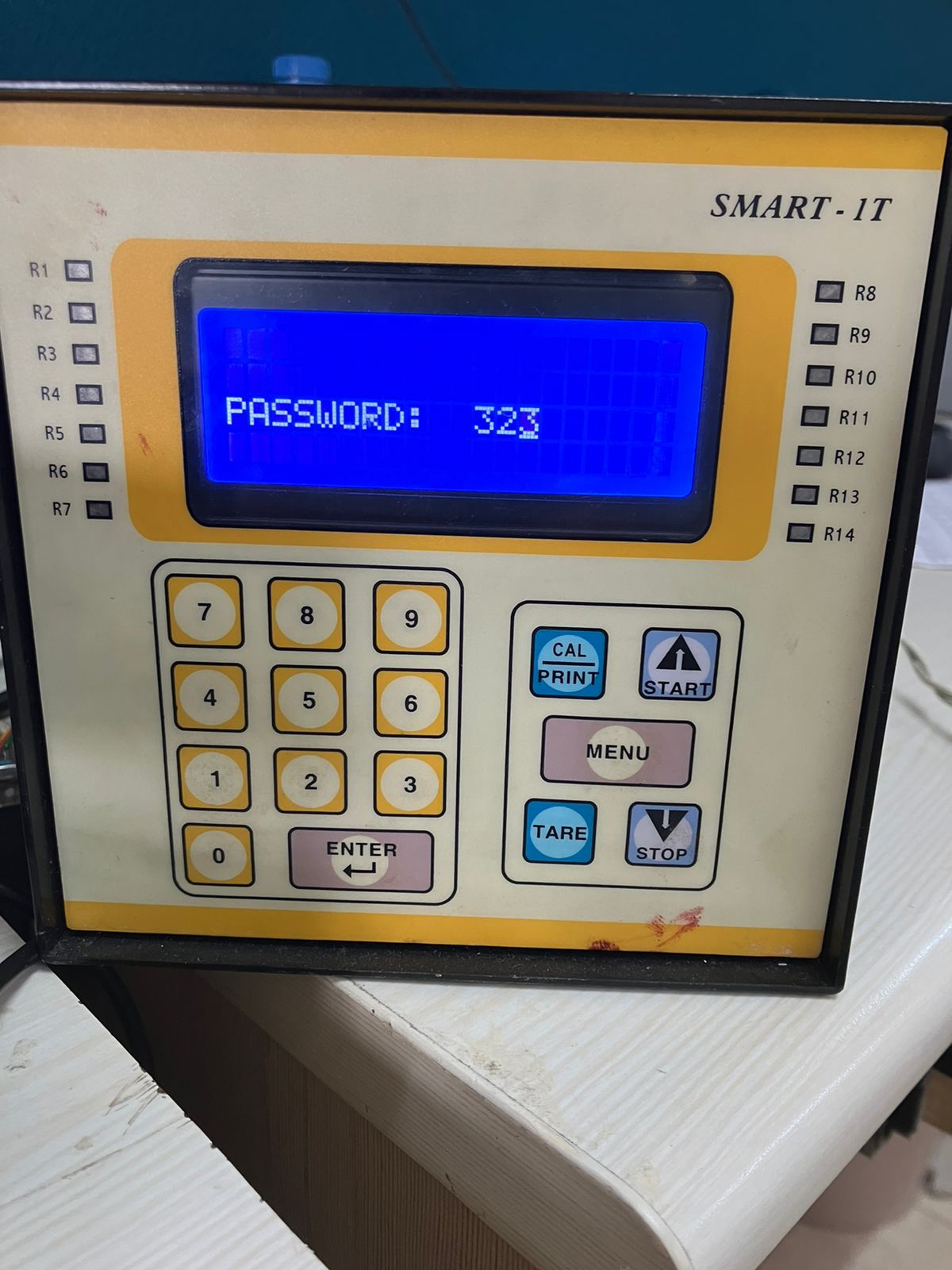
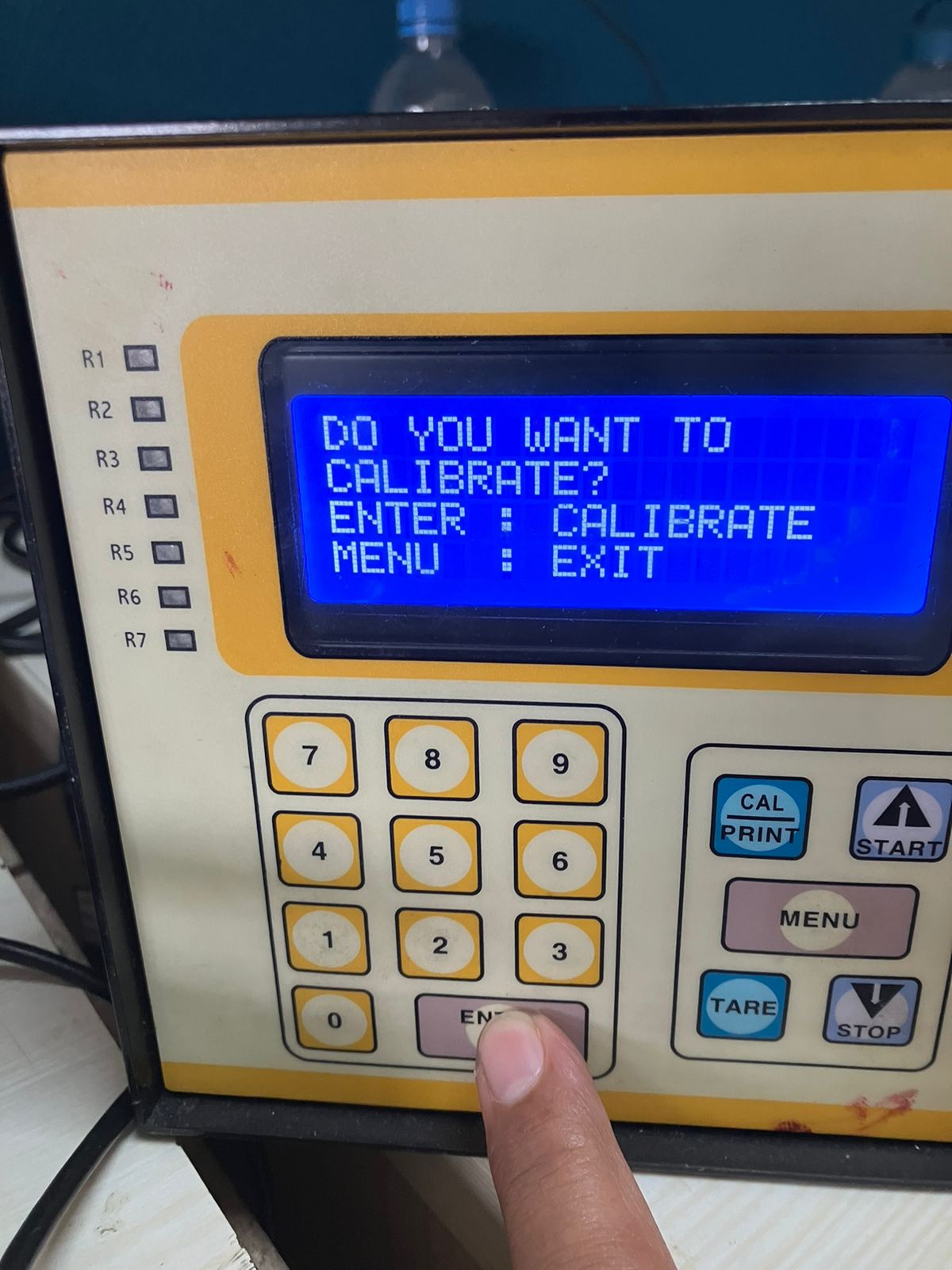


# 8.CONTROLER DEVICE:



Hardware Connection Ports details:

**Load Calibration sensor:**



EXPANSION Testing Machine

Wiring Details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| INPUT-1 | | | | |
|  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| LOAD CELL | | | |
| Ex+ | Op+ | Op- | Ex- |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| INPUT-2 | | | | |
|  |  | O/P | -V | +V |

Ex+ : Loadcell Positive Excitation O/P: Extensometer output

Op+: Loadcell Positive Output -V: Negative (Com) for Extensometer

Op- : Loadcell Negative Output +V: Positive (+12V) voltage for Extensometer

Ex+ : Loadcell Negative Excitation