INSTRUMENTAL LAB (LAB 3):

Type of Lab: Research Lab

Lab Director:
Prof. Dr. Tauseef Quraishi
(full-time)

1. Mr. Muhammad Irfan Jalees
   (Lab Incharge)
   Lecturer

2. Mr. Muhammad Abid
   Lecture Assistant

3. Mr. Muhammad Fayyaz
   Lab. Assist.
Significant Equipment:

1. Atomic Absorption Spectrometer (AAS)
2. High Pressure Liquid Chromatography (HPLC)
3. SO2 sampler
4. CO2-/CO sampler
5. Noise meter
6. High volume sampler

Instrumental lab is a research lab which is used for the research work of M.Sc and Ph.D students. Following are the some analysis performed in instrumental lab;

- SO2 estimation in air.
- CO2-/CO estimation in air.
- Estimation of noise pollution by noise meter.
- Analysis of Pesticides, insecticides and toxic organic compounds on HPLC
- Analysis of various toxic and heavy metals which includes followings;

1. Zinc
2. Lead
3. Calcium
4. Iron
5. Mercury
6. Magnesium
7. Copper
8. Aluminum
9. Antimony
10. Manganese
11. Tin
12. Silicon
13. Chromium
14. Cadmium
15. Nickel
16. Arsenic