

# **Instrumentation laboratory**

**Department of Speciality  
Chemicals Technology**

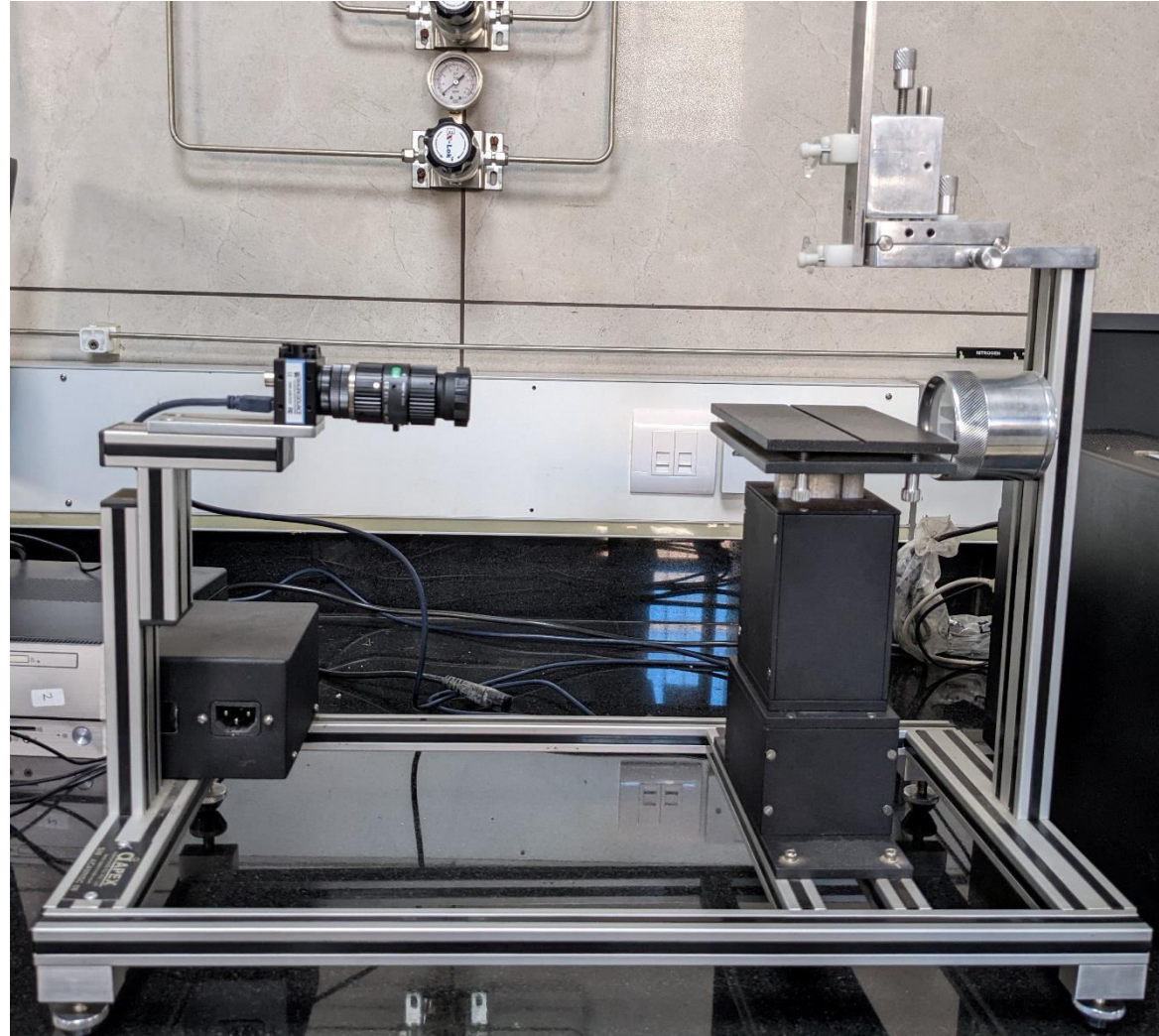
# Agilent 500MHz NMR



# Oxidation-reduction reaction (RRDE-3A)



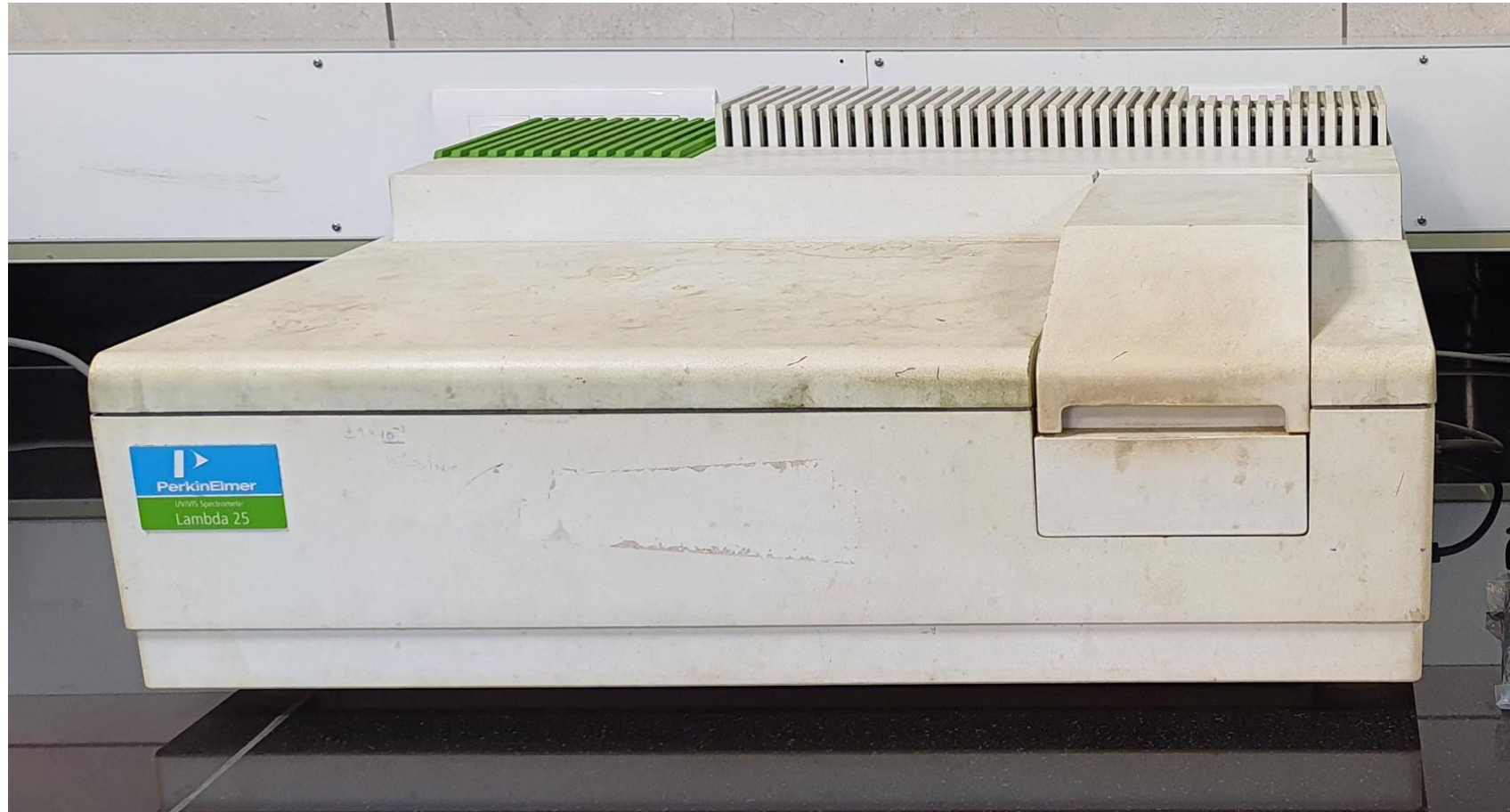
# Water contact angle



# UV-Vis Spectrophotometer (LABINDIA)



# UV-Vis spectrometer (Perkin Elmer Lambda 25)



# UV-Vis spectrophotometer \*\* (Jasco)

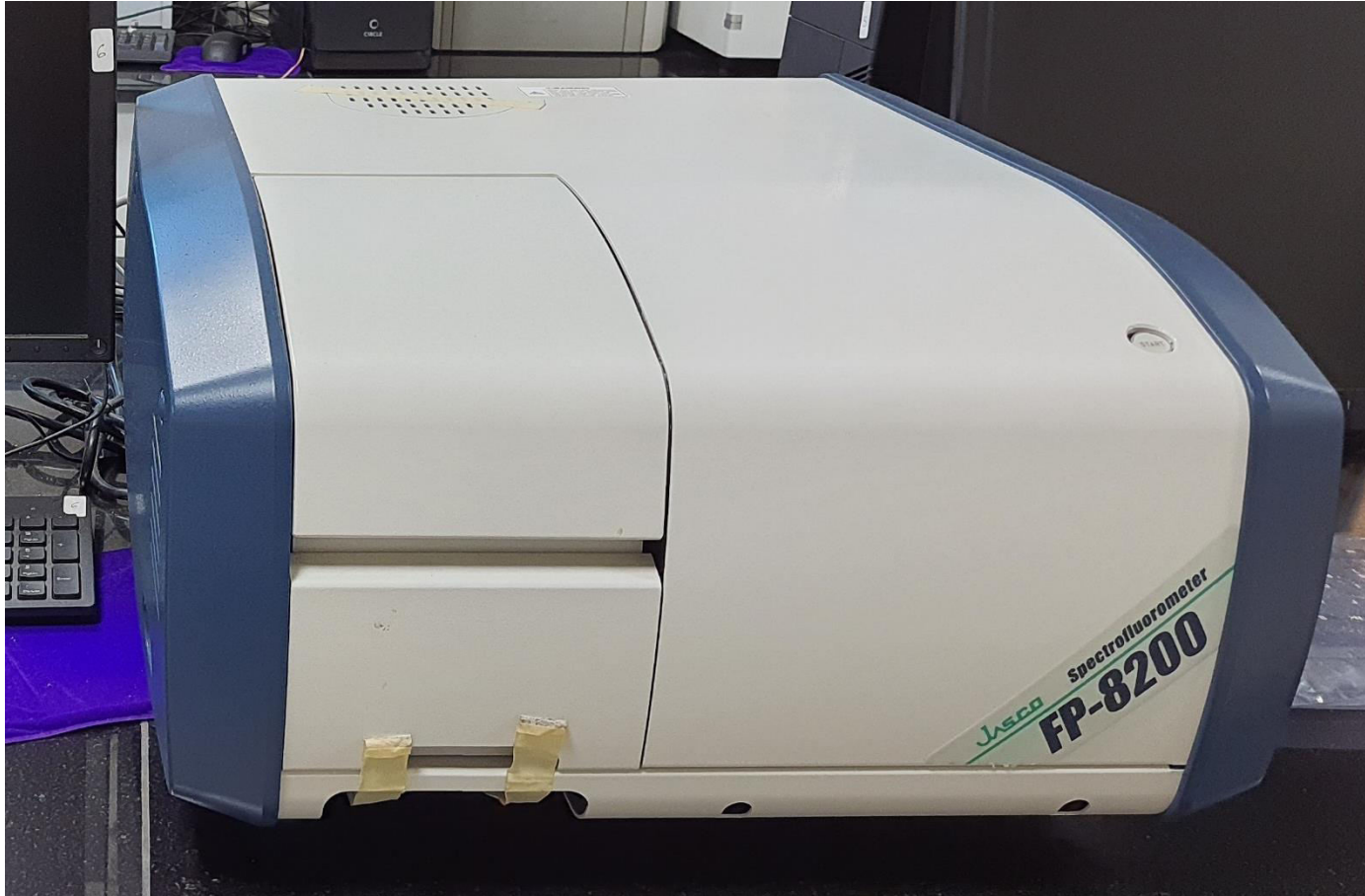


# Electroluminescence and Photoluminescence (EL & PL)

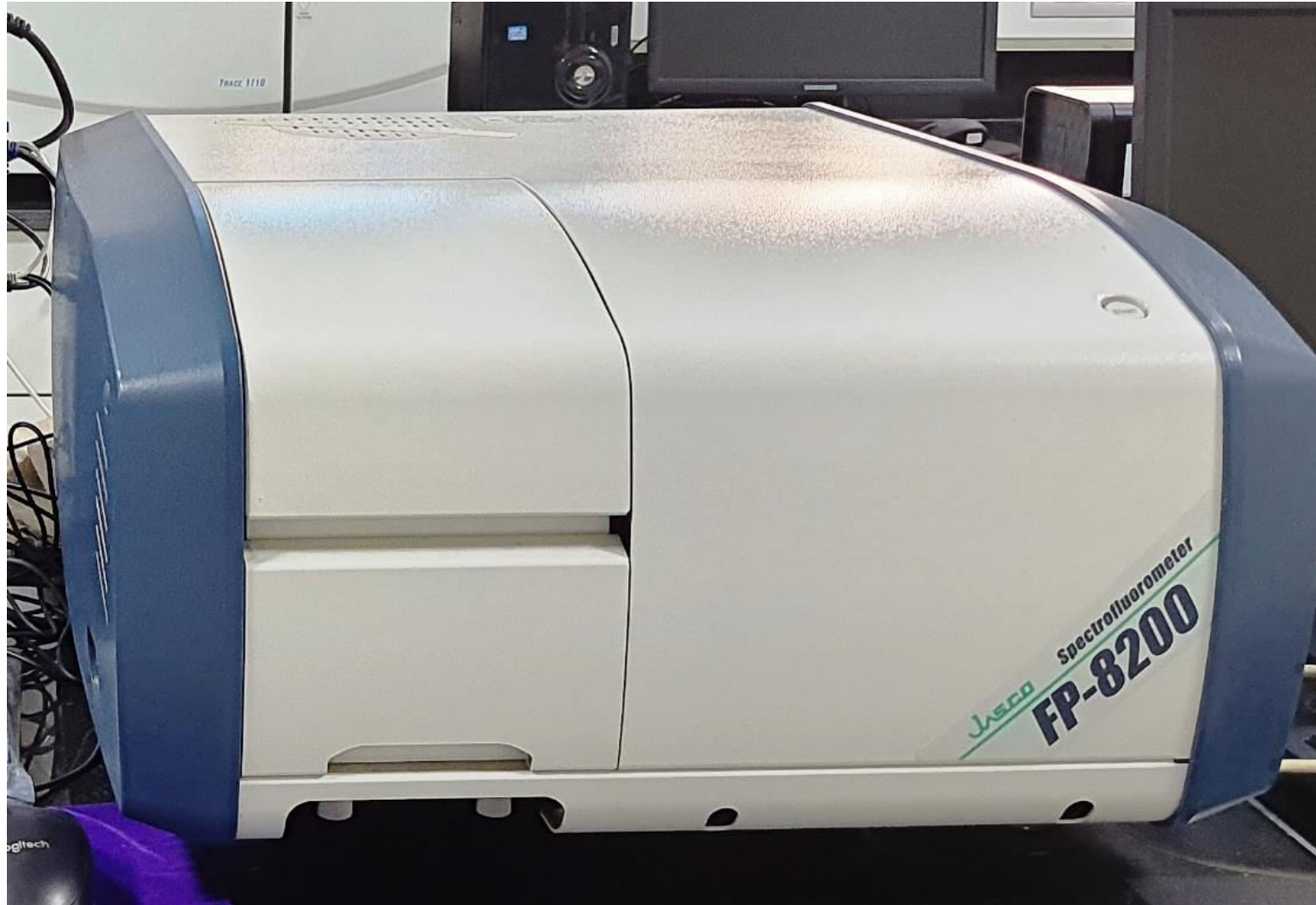




# Spectrofluorometer FP-8200 (Jasco) Liquid state\*\*



# Spectrofluorometer FP-8200 (Jasco) Solid-state

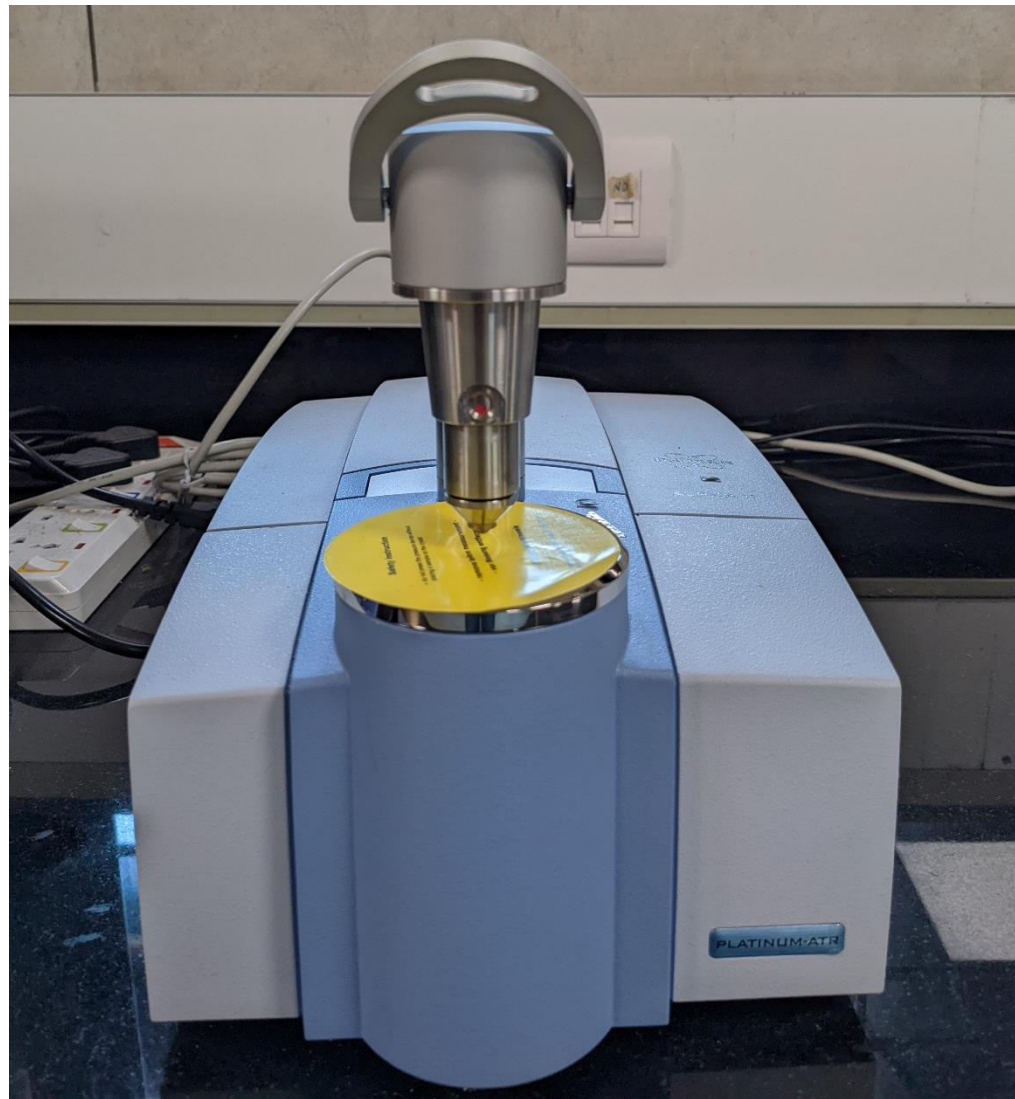




# TLC-mass analyser\*\*



# ATR-IR (FTIR)\*\*



# DSC-TGA\*\*



# Gas Chromatography (GC)\*



**Pilot plant**



# Dye sensitized solar cell (DSSC) fabrication system



# Muffle furnace



# CVD



# Vacuum Oven



# **Lab Instruments**

# Lab weighing balance



# Rotary evaporator



# Freeze dryer





# Flash Chromatography



# Probe Sonicator



# Deionized water purifier



# Centrifugation Machine

