



Central Instrumentation Facility

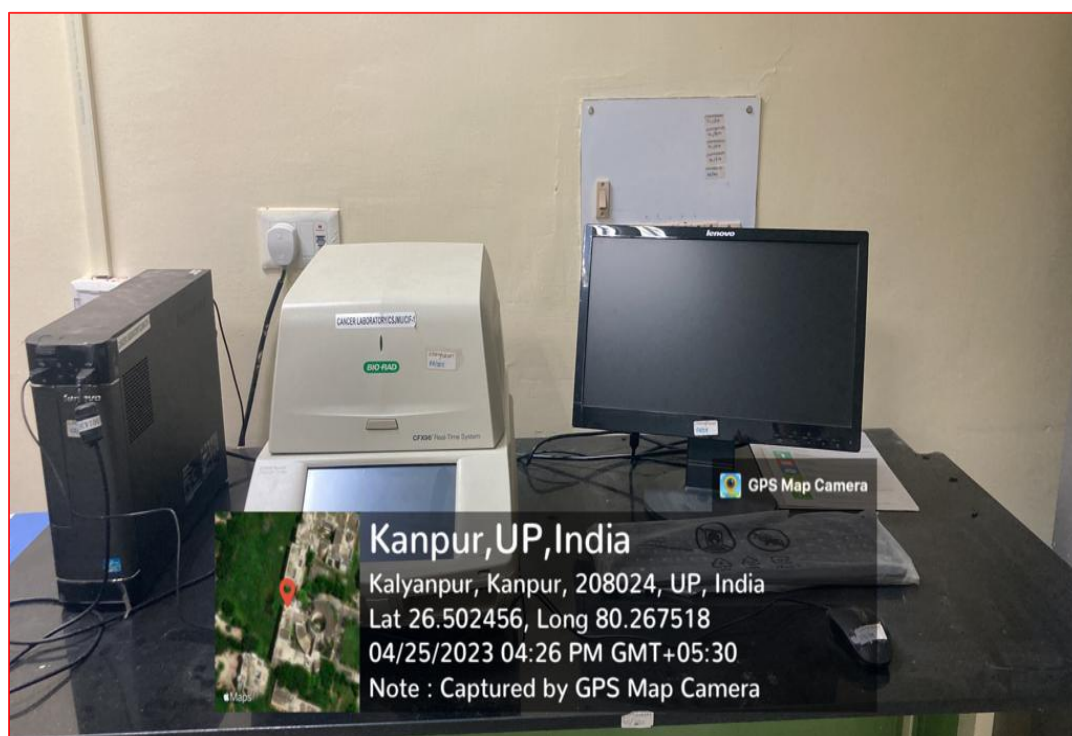
Central Instrumentation Facility (CIF) is been established and inaugurated on 17th September, 2020 by the Hon'ble Vice Chancellor, Prof. Neelima Gupta, and Hon'ble Vice Chancellor, Central University, Gujarat, Prof. R.S. Dubey. CIF-I is established to promote science and research activities in different departments of the University as well as its affiliated colleges. It will provide facilities for all users under one roof.

This facility has laboratories and equipment's for:

1. Preparative Zone :Electronic balance Refrigerated Centrifuges UV-Visible spectrophotometer
2. Refrigerated Storage Facility Deep freezer (-80degC)-2Nos Deep freezer (-40degC)-1 Refrigerator
3. Animal Cell Culture Facility CO₂ incubators with cylinders Laminar hood
4. Microscopic Facility Compound microscope with camera Phase contrast microscope with camera Dissecting microscope Computer system for microscopes
5. Microbial Culture Facility Laminar hood Incubator shaker Incubator
6. Molecular/Analytical facility ELISA reader and washer (Biorad), IPG strip system IEF (Axygen), Gel documentation system (biorad) UV-Visible spectrophotometer (Shimadzu)
7. Advance Molecular Facility Real-Time PCR machine (Biorad)



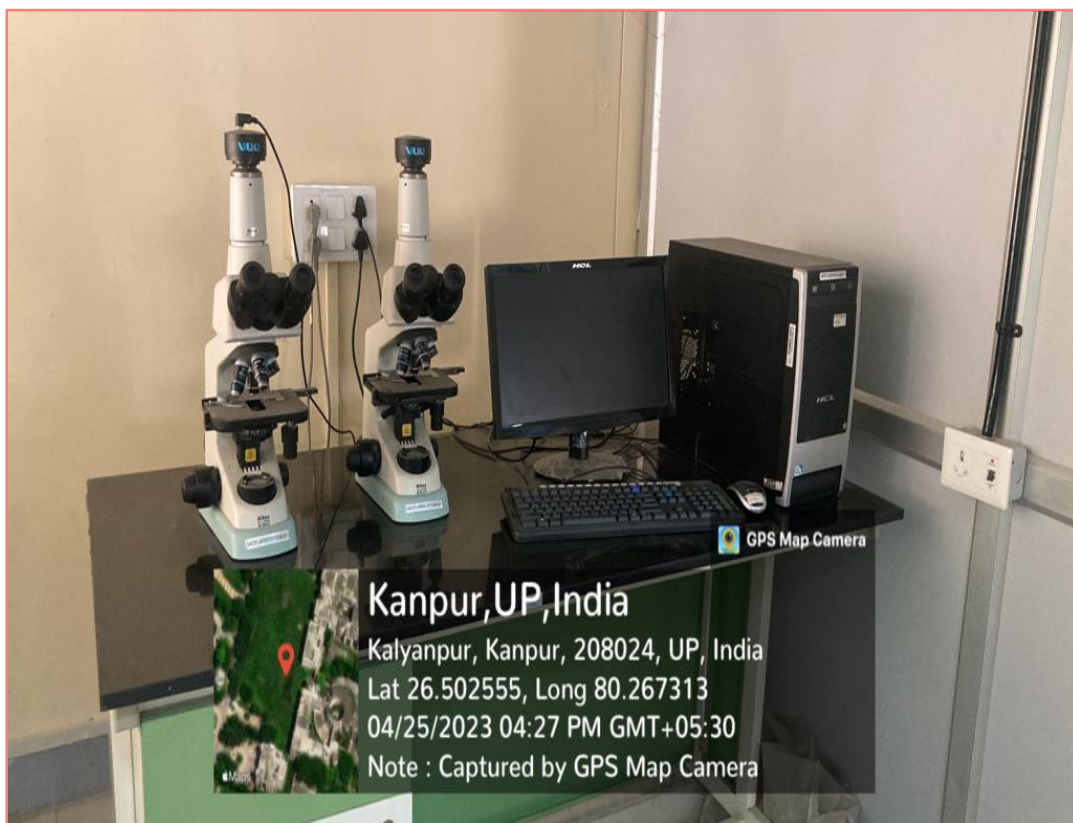
HPTLC (High performance thin layer chromatography)



REAL TIME PCR



UV SPECTROSCOPY



MICROSCOPE



Compound Microscope with Camera



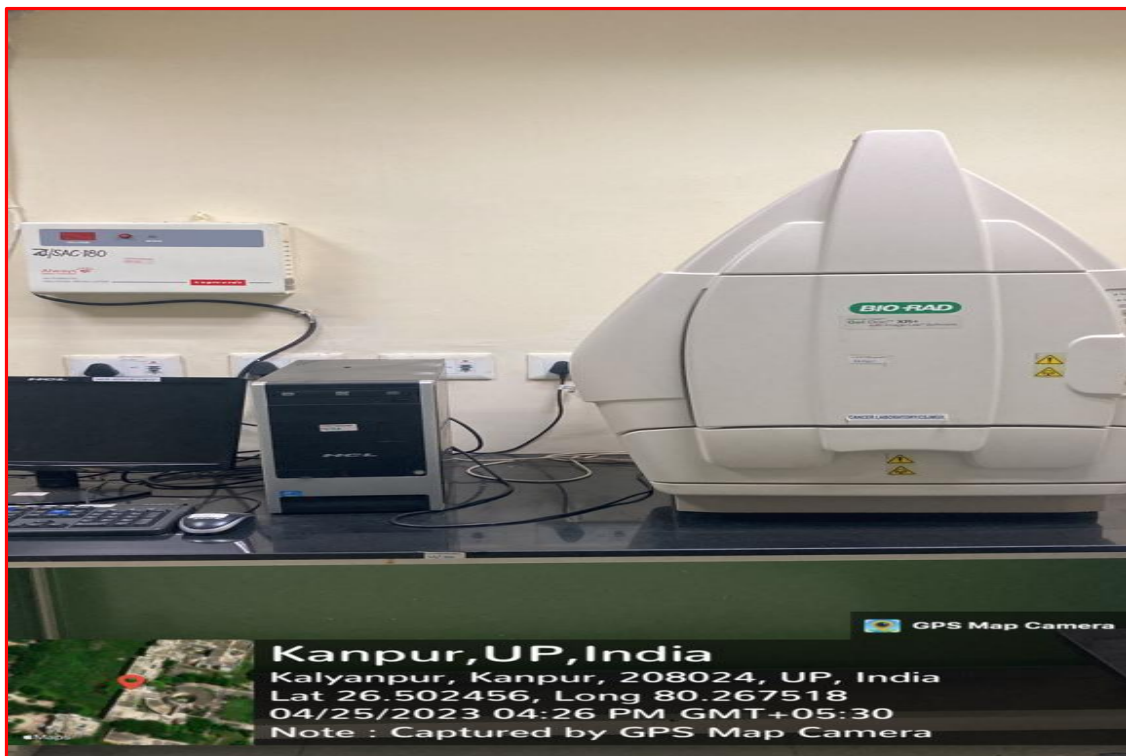
ELISA READER



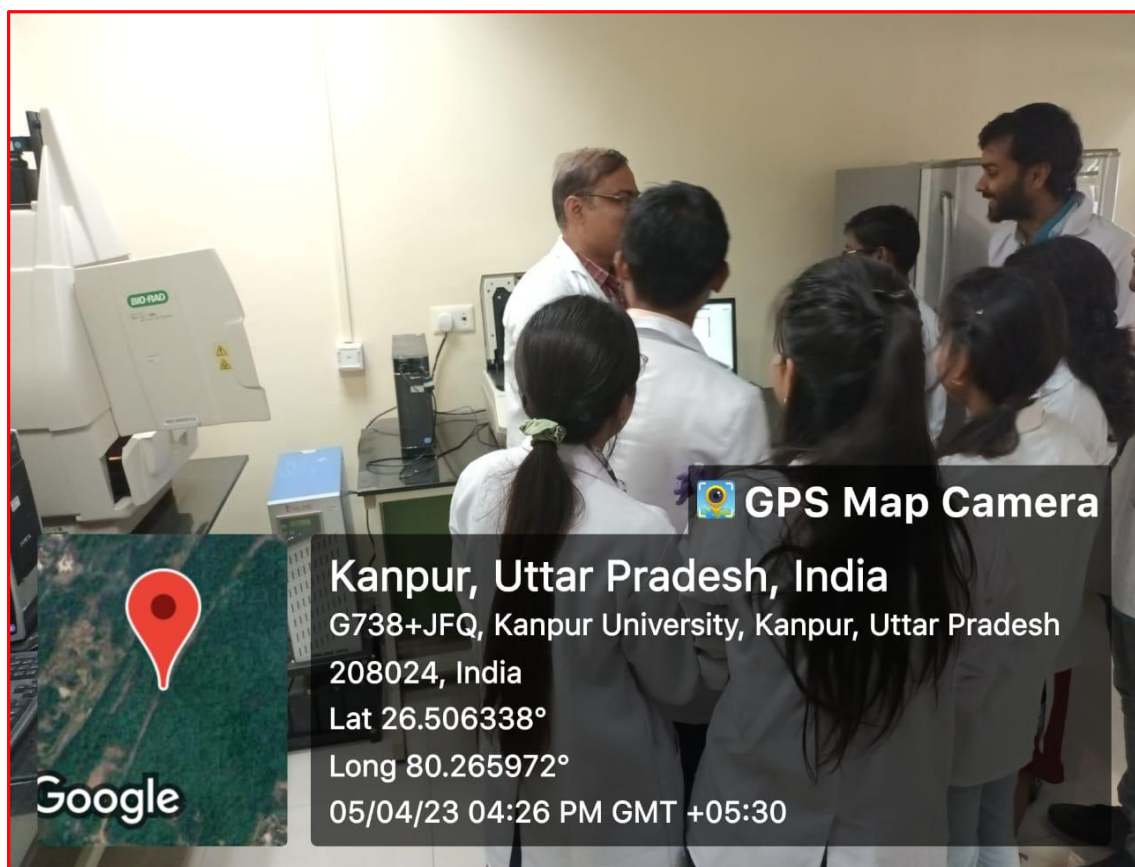
Biosafety cabinet and Incubators



Incubators and Laminar Air Flow



GEL DOCUMENTATION SYSTEM



Gel Doc (Biorad) System



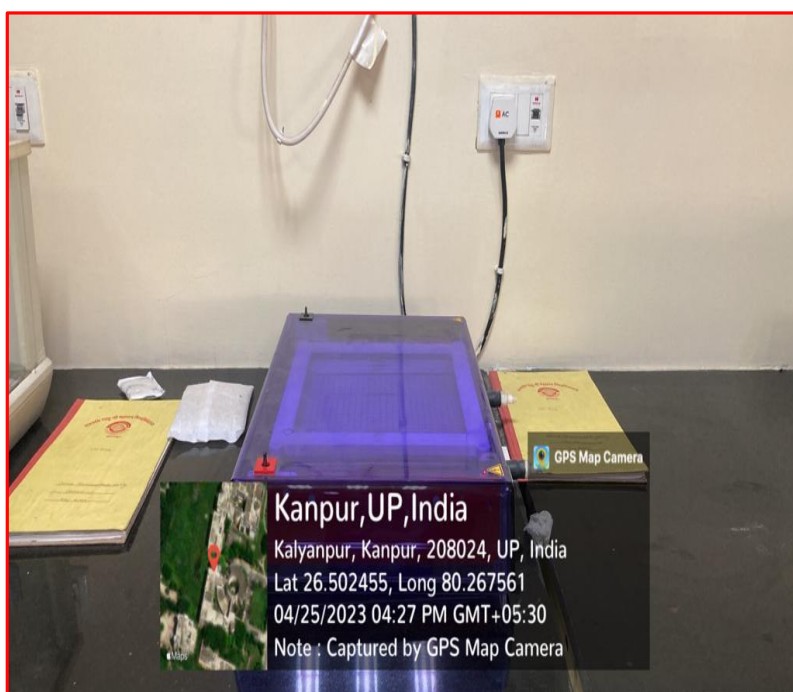
Incubators and Shakers



Deep freezer (-80°C)



HPLC



2-D Gel Electrophoresis Apparatus