

Sophisticated instruments of CIR

UV-Visible Spectrophotometer



Make: Shimadzu, Japan

Model: UV-1900

Date of entry to CIR :18/12/2019

Date of Installation :17/03/2019

It is an instrument of basic need in research including life sciences and common analysis. The instrument features an adjustable slit width and features analytical measurements like full spectrum, Absorbance and kinetic modes.

The spectrometer host the following for the analysis:

- Double cell Holder
- Flow Cell Assembly
- Peltier Cooled Thermostat

High Performance Liquid Chromatography (HPLC)



Make: Agilent USA

Model: Infinity 1220

Date of entry to CIR :07/10/2016

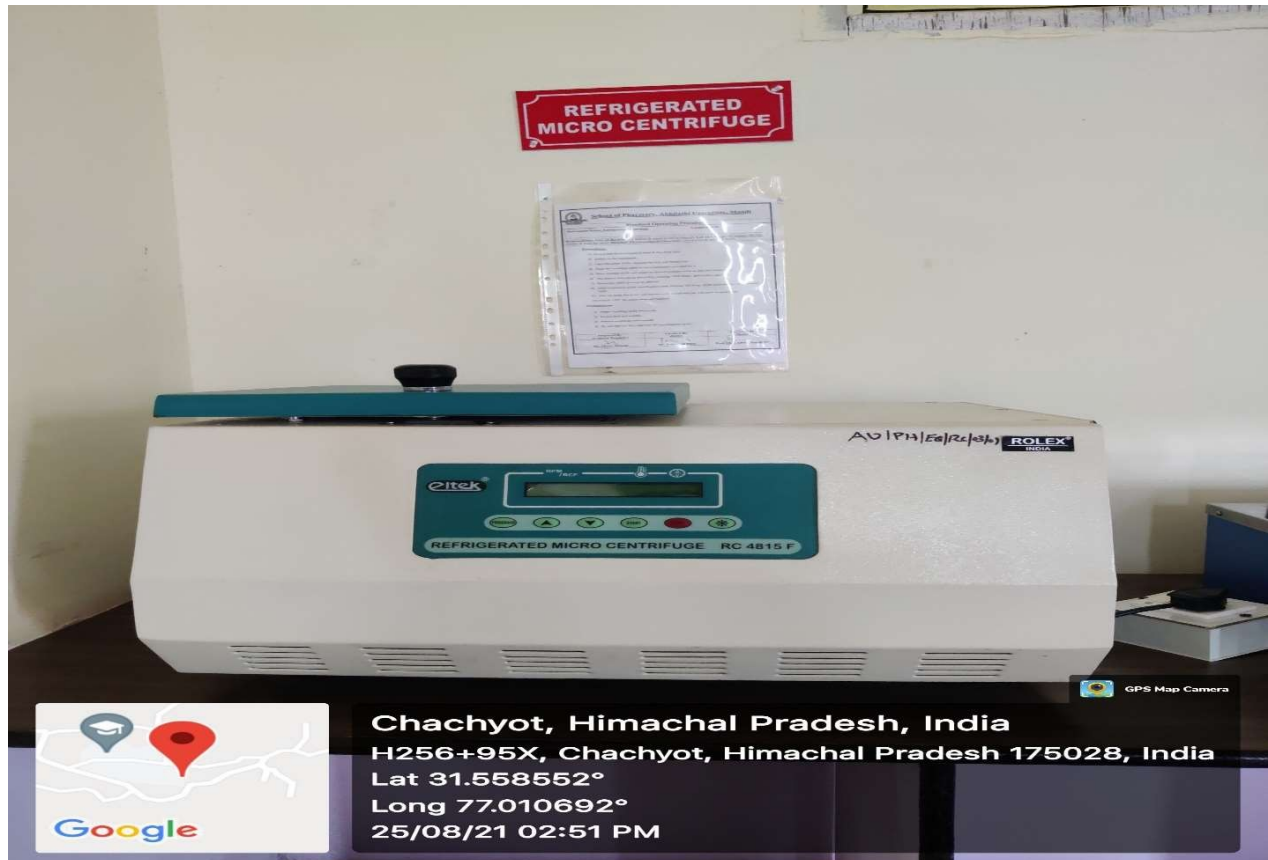
Date of Installation: 07/10/2016

The HPLC system is equipped for routine chromatographic analysis of various pharmaceutical and other related samples etc.

The facility is of following configuration:

- Binary Solvent
- VWD Detector
- Columns: C-18 and C-8

REFRIGERATED MICRO-CENTRIFUGE



Make: Rolex India

Model: Eltek RC 4815F

Date of entry to CIR :18/12/2019

Date of Installation: 11/11/2011

Refrigerated centrifuges are used for samples that need a consistent range of temperature. With such centrifuges therefore; it is essential that they run at maximum speeds while still maintaining a consistent temperature. For the most part, the temperature range of refrigerated centrifuges is between -20 and -40c.

GEO TAGGED PHOTOS OF CIR



(Entry of CIR)



(Entry of Sophisticated instrumentation room)



(UPS for sophisticated instruments)



(HPLC)



(UV-Spectroscopy)



(Flame photometry)



(Refrigerated centrifuge)

M.S. SWAMIMNATHAN MUSEUM
(Year of establishment 2020)

M.L. SCHROFF PHARMA GALLERY
(Year of establishment 2020)

POLYHOUSE

School of Agriculture

(Year of establishment 2017)

MEDIA LABORATORY/STUDIO
(Year of establishment 2020)

