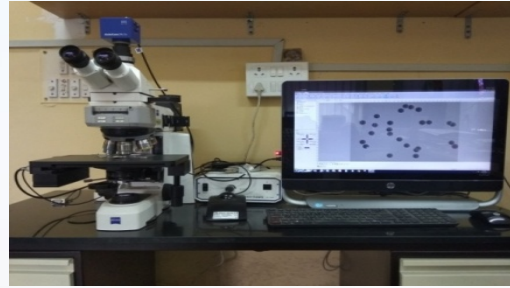


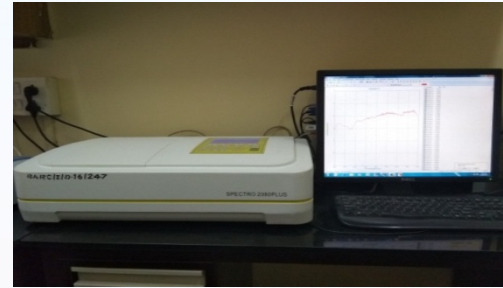
Passive neutron spectrometry facility

Neutron spectrometry in accelerator environment is a challenging job under pulsed radiation field. At times the space constraint makes the measurements difficult with conventional detectors. To cater such applications, a passive neutron dosimetry facility has been setup.

Type of detectors used for study are: CR-39, Activation foils, TL chip etc.



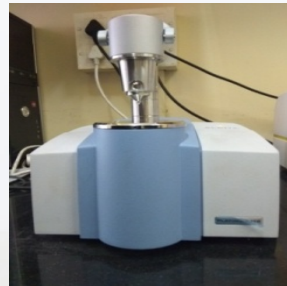
Microscope



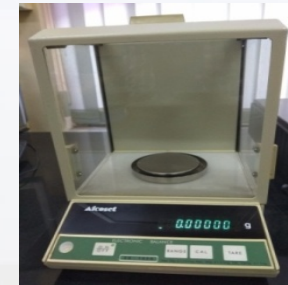
UV-visible Spectrophotometer



Thickness Gauge



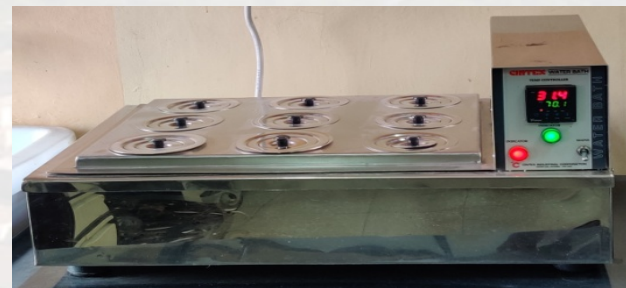
FTIR Spectrophotometer



Electronic Balance



TLD Reader



Water bath unit



Muffle furnace



SSNS System