

NIPER-Hajipur has an outstanding array of instrument facilities available for research. The NIPER Hajipur supports in-house operation and maintenance of various sophisticated scientific instruments and also provides services to the outside users like industries, Govt. research laboratories and universities against minimal charges. NIPER Hajipur also provides interdisciplinary access to major research instruments.

Equipment's

1. LC-MS
2. UV Visible spectrophotometer
3. Preparative HPLC
4. Analytical HPLC
5. FT-IR
6. Automatic biochemistry analyser
7. -80°C Deep freezer
8. -20°C Freezer
9. Fridge -4°C
10. Automatic Titrator
11. Analytical Balance
12. Autoclave
13. Biosafety Cabinet
14. BOD incubator
15. ChemiDoc
16. CO₂ Incubator
17. Compound Microscope
18. Gel Documentation System
19. Gel Electrophoresis Units
20. Gradient Thermocycler



LC-MS



UV Visible spectrophotometer



Analytical HPLC



FT-IR



RT-PCR



Nano-drop Spectrophotometer

21. High speed Centrifuge
22. High speed floor model Centrifuge
23. Hot air oven
24. Hot plate with magnetic stirrer
25. Ice Flaker
26. Inverted Microscope
27. Laminar air Flow
28. Magnetic Stirrer with Temperature Probe
29. Media filtration unit with pump
30. Microtome
31. Microwave oven
32. Milli-Q Water purification system
33. Multimode Reader
34. Nano-drop Spectrophotometer
35. Orbital Shakers
36. Osmometer
37. Oswald Viscometer
38. PCR machine
39. pH Meter
40. Probe Sonicator
41. RT-PCR
42. Refrigerated Table Top Centrifuge
43. Rotary Evaporator
44. Shaker incubator
45. Ultracentrifuge
46. Vortex
47. Water baths temperature controlled
48. Western Blot unit



Ultracentrifuge



FACS



PCR



ChemiDoc



-80 °C Deep freezer



Rotary Evaporator