

Analytical Instrumentation Lab (AIL)

Department of Chemical Engineering, MNIT Jaipur

The Departmental Analytical Instrumentation Laboratory (AIL), inaugurated in January 2025, is equipped with state-of-the-art analytical instruments, including HPLC, TPX Analyzer, TOC Analyzer, and an Electrochemical Workstation, among others. These advanced tools are tailored to support the expanding needs of academic research and industrial applications. The establishment of this facility represents a significant milestone in MNIT Jaipur's ongoing commitment to advancing research capabilities and fostering innovation.

Key features of the AIL Lab include:

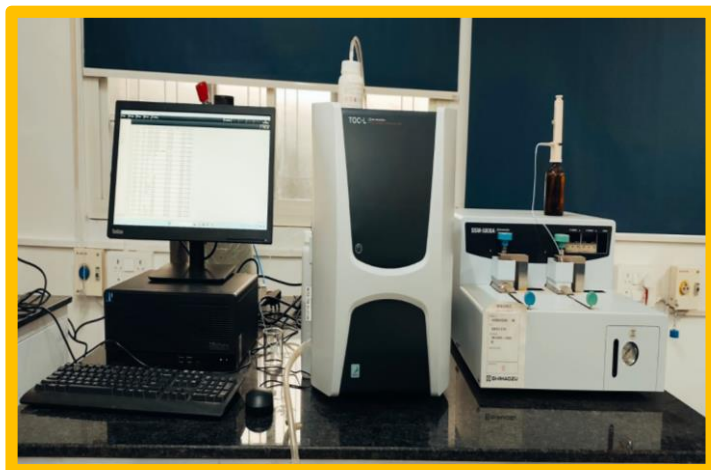
- ✓ **HPLC** for chemical analysis and separation
- ✓ **TPX Analyzer** for catalytic surface property studies
- ✓ **TOC Analyzer** for water, wastewater, and soil analysis
- ✓ **Multichannel Chemical Workstation** for research on batteries and supercapacitors



HPLC



TPX Analyzer



TOC Analyzer



Multichannel Chemical Workstation