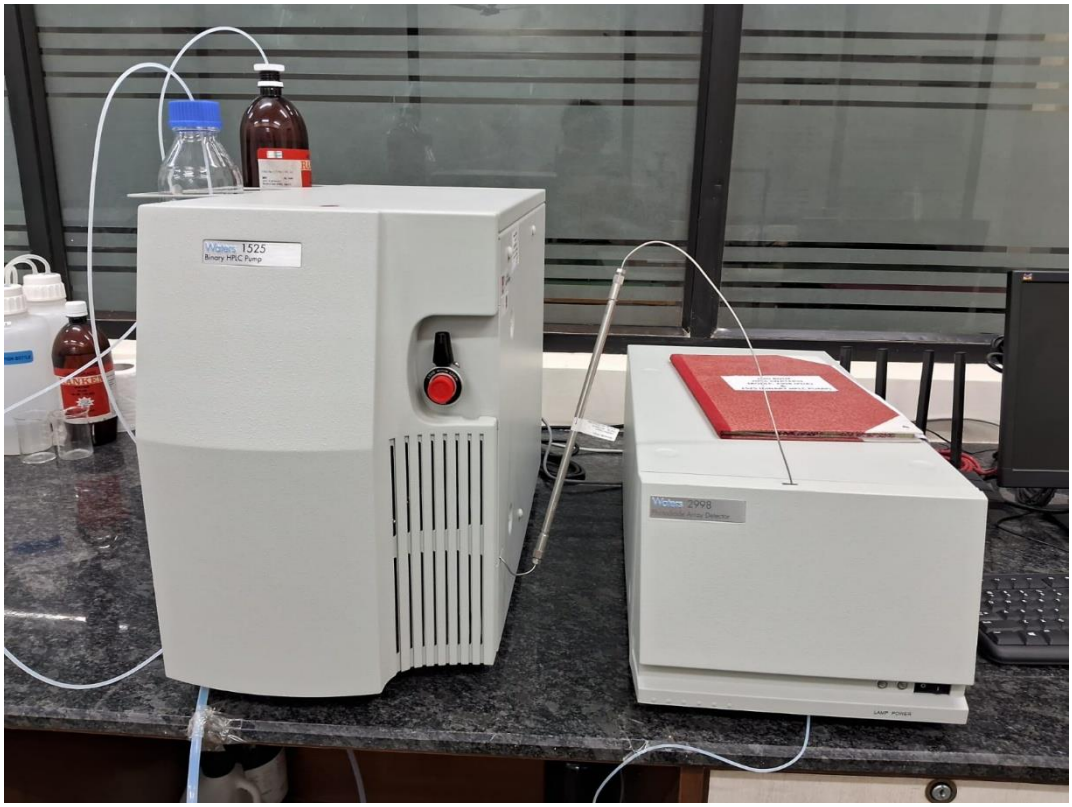
Research Facility

The institute houses a dedicated Central Instrumentation Laboratory as well as a Department of Science and Technology (DST)-sponsored research laboratory. Notably, the DST-SERB has funded two research projects focused on cancer, with sanctioned grants of ₹32,00,000 (2017–2020) and ₹36,12,400 (2023–2026), respectively. The first project emphasized cancer chemotherapy, while the second project explores cancer chemoimmunotherapy. The DST-sponsored lab is well-equipped with advanced instruments including a fluorescence microscope, lyophilizer, deep freezers (-20°C and -80°C), semi-autoanalyzer, western blot apparatus, ChemiDoc imaging system, centrifuge, and ELISA reader, facilitating seamless execution of research activities. The laboratory actively supports comprehensive studies spanning in-silico modeling, in-vitro (cell line-based), in-vivo (small animal studies), and post-experimental molecular biology investigations. Additionally, the Central Instrumentation Laboratory is equipped with key analytical tools such as FTIR and HPLC to support broader research initiatives.


BIO-RAD


LYOPHILIZER
BLUE STAR


Waters 1525
Binary HPLC Pump
Waters 2998