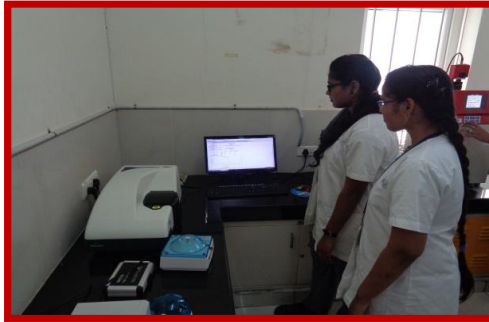


Sophisticated Instruments Facility



UV-VIS spectrophotometer for the investigation of nanomaterial.



Malvern nano ZS90: Measuring nano particle size ,



Bruker alpha FT-IR spectrometer for development of bio nano composites



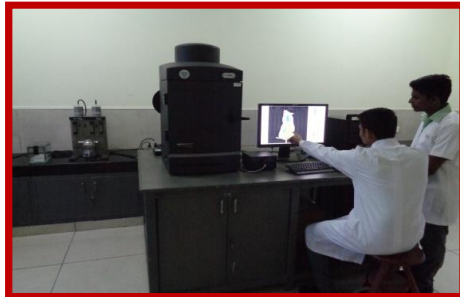
Eppendorf Gradient PCR for medical diagnostics



ABI 9700 HT fast real time PCR for SNP detection and DNA analysis



ABI 3130 xl 16 capillary Genetic Analyzer for DNA sequencer



Small Animal Imaging System for anatomical and molecular imaging in live animals to initiate preclinical research



UVP gel imaging system for DNA & Protein analysis



Olympus Fluorescence microscope for karyotyping & FISH

Cont..



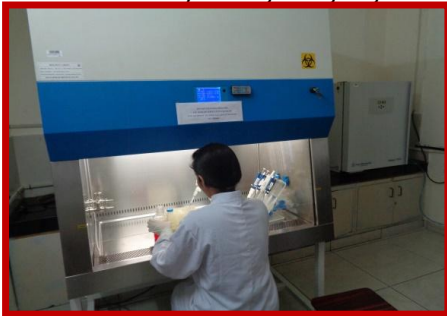
Dell Precision T3610 Workstation for high throughput computing for biomarker discovery & drug designing



Bioinformatics lab with high bandwidth for biomolecular modeling



Jasco Fluorometer with Microplate Reader for Biomarker Development



Biosafety Cabinet & CO₂ Incubator for cell and tissue culture for in vitro studies



D10 HbA_{1c} Analyzer for Clinical Diagnosis & Research



Shimadzu HPLC for active components analysis



VTEK2 for fast Identification and Antibiotic Susceptibility



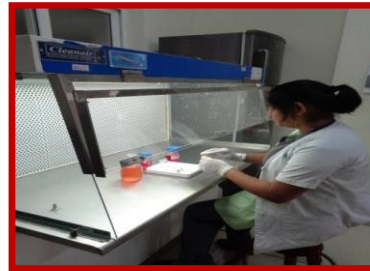
High speed cooling centrifuge



Eppendorf -80 C Ultra Low Temperature freezer to store biological samples



Technico Autoclaves



Cleanair Laminar flow cabinet for basic culture work



Microscope for Tissue culture Facility



Elisa: Robonik Readwell TouchTM automatic ELISA plate analyser for routine immunoassays, biochemicals, hormones and drug levels can be carried out as it's versatile and extensive software support.



Precision Techno high temperature Muffle furnace : Used for solvent removal, sterilizing, evaporation, polymer curing, polyimide baking, testing the sample at high temperature and to determine the percent of ash content in the synthesized material



Eppendorf Centrifuge for Molecular studies



Powersol Egg Incubator: To study the process of angiogenesis and to observe the effects of pro-angiogenic and anti-angiogenic factors.