



**DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY
UNIVERSITY COLLEGE OF ENGINEERING
BIT CAMPUS, ANNA UNIVERSITY, TIRUCHIRAPPALLI- 620024**

LIST OF LABORATORY EQUIPMENT

Name of the Laboratories	Name of the Equipment
Novel Drug Delivery System Laboratory	Magnetic Stirrer with Hot Plate
	Magnetic Stirrer without Hot Plate
	Sub Zero Constant Temperature bath with circulator
	Laboratory Stirrer Heavy Duty
	Vortex Shaker
	Incinerator (Electric Bunsen with regulator)
	Laboratory Stirrer Heavy Duty
	Digital Electronic Balance
Chemistry of Natural Products Laboratory	Binocular Research Microscope
	Digital Electronic Balance
	Compound microscope
	Travelling Microscope
	Microtome
	Rotary Vacuum Evaporator
	Pulverizer
	Vacuum Bath Desiccator
	Hot air oven
	UV -Vis Spectrophotometer
	Microwave synthesizer
Biopharmaceutics & Pharmacokinetic Laboratory	Digital Disintegration Apparatus
	Hardness Tester
	Pfizer Hardness Tester
	Sieve Brass Frame
	Dissolution Test Apparatus
	Digital Electronic Balance
Bioprocess Engineering Laboratory	Ultra-Sonic Bath
	Magnetic Stirrer with Hot Plate
	Magnetic Stirrer without Hot Plate
	Laboratory Stirrer Heavy Duty
	Vacuum Glass Desiccators
	Digital Water Bath

	Heating Mantle (1000 ml)
	Digital Colorimeter
	Microbial shaker
	Autoclave
	Stainless fume hood
	Digital colony counter
	Stability chamber
Technology of Dosage Forms Laboratory	Digital Disintegration Apparatus
	Hardness Tester
	Pfizer Hardness Tester
	Dissolution Test Apparatus
	Capsule Die
	Digital Electronic Balance
	Vernier Caliper
	Tablet Coating Machine
	Physical Balance
	Tablet Dissolution Test Apparatus
	Tablet Friability Test Apparatus
	Tablet polishing machine
	Liquid Filling Machine
Physiology and Pharmacology Laboratory	Compound microscope
	Auto Chemical Analyzer with Accessories
	B.P Apparatus
	Stethoscope
	W.B.C Pipette
	Blood Lancet
	Stage Micrometer
	Mediciser
	Eye piece Micrometer
	Sphygmomanometer Dial Type
	Sphygmomanometer Mercurial Type
	ECG Machine with LCD Graphics
	Vital capacity Apparatus
	Knee Hammer
	Physical Balance
	Plethysmograph
Advanced Medicinal Chemistry Laboratory	Magnetic Stirrer with Hot Plate
	Magnetic Stirrer without Hot Plate
	Laboratory Stirrer Heavy Duty

	Chemical Balance
	Water bath 12 Holes
	Water Deionizer
	Vacuum Pump
	UV-Vis Spectrophotometer
	Portable Autoclave Stainless steel Bucket type, Electrically operated with power cable
	Melting point apparatus
Analytical Methods and Instrumentation Laboratory	Water Bath (6 Holes)
	Melting point apparatus with energy regulator
	Analytical weight Box (200g)
	Colorimeter
	High Performance Liquid Chromatography-2
	UV-Vis Spectrophotometry
	Hot air oven
	Electrical balance
Molecular Biology and Genetic Engineering Laboratory	Digital Water Bath
	Centrifuge with Accessories
	Vortex Shaker
	Gel Electrophoresis
	Heating mantle (2lit)
	Gradient PCR
	Electrical Balance
	SDS Phage apparatus
Physical Pharmaceutics Laboratory	Magnetic Stirrer with Hot Plate (1lit)
	Digital pH Meter
	Electronic Top Loading Balance
	Incinerator (Electric Bunsen with regulator)
	Vernier caliper
	Sieves
	Bulk density apparatus
	Tachometer
	Rheometer
Microbiology Laboratory	Magnetic Stirrer with Hot Plate
	Magnetic Stirrer without Hot Plate
	Binocular Research Microscope
	Heating Mantle (1000 ml)
	Ultra-Sonic Cleaner

	Stage Micrometer
	Mini Autoclave
	Laminar air flow chamber
	Microbial Zone reader
	Microbial incubator
	Microbial Shaker
	Laboratory centrifuge
Biochemistry Laboratory	Colorimeter
	Laboratory Stirrer Heavy Duty
	Binocular Research Microscope
	pH Meter
	Magnetic Stirrer with Hot Plate (2lit)
	Compound microscope
	Vertical deep freezer
TEQIP Sponsored Equipment	Fully automatic biochemical analyser
	UV- Vis Spectrophotometer
	Lyophilizer
	Auto chemical analyser
	Gradient PCR
	Rotary vacuum evaporator
	Gel electrophoresis
	UV Transilluminator
DST FIST Sponsored Equipment	Stability Chamber
	Texture Analyzer
	Homogenizer
National Facility Centre for Drug Development	Liquid Chromatography – Mass Spectrophotometer
	High Performance Thin Layer Chromatography
	Airway Mechanics Analyzer – Inhalation Chamber
	Whole body plethysmograph
	Ultra-Performance Liquid Chromatography
	High Performance Thin layer Chromatography
	Inverted Florescence Microscope
	Multimode Microplate Reader
	Zetasizer
	FT-IR Spectrophotometer
	Protein purification system – FPLC
	Spray Dryer

	Freeze Dryer
	UV-Vis Spectrophotometer
	Deep Freezer (-30°C)
	Deep Freezer (-80°C)
	Auto analyser
	Bio safety (Class II) Cabinet
	CO ₂ Incubator
	Cooling Centrifuge – 4 Nos
	Gel Documentation system
	Gradient Polymerase Chain Reaction Thermal Cycler
	Magnetic Susceptibility Meter
	Digital Microscope with Image Analyser
	ELISA Reader
	Animal Video Tracking Software System
	Rotary Vacuum Evaporator
	Probe Sonicator
	USP Dissolution Apparatus
	Ice-Flaking machine
	Water purification system
	Digital Autoclave