

Laboratories, farm facilities, workshops available for BVSc & AH programme

Division	Equipment
Lab in Animal Biochemistry Division	Vertical and horizontal gel electrophoresis apparatus
	Stirrer, vortexer, incubator
	Refrigerated centrifuge
	UV/VIS Spectrophotometer
	Chroatography chamber
	Hot air oven
	Electrical Balance
	pH meter
	Inverted Microscope
	Water bath
Lab in Animal Biotechnology Division	Equipment
	Automated Peptide Synthesizer
	Autoclave
	Microscope
	Experimental Animal Shed
	pH meter
	Balance
	Shaker incubator
Water bath	
Lab in Animal Genetics and Breeding Division	Equipment
	4° Refrigerator
	Autoclaves
	Bacteriological Incubator
	BOD Incubator
	Centrifuge
	Compound microscopes
	Deep Freezer (-20°C)
	Deep freezers (-20, -40 and -80 °C)
	Distillation Plant
	Electrophoresis unit (Horizontal)
	Electrophoresis unit (Vertical)
	Gradient thermal cycler
	Incubator (ordinary)
	Laminar flow hood
	Light microscope
	Microwave oven
	Ordinary centrifuge (different sizes)
	pH meter
	Refrigerated centrifuge
Shaker Incubator	
Thermal Cyclers	
Vortex Mixer	

	Water Distillation unit
	Weighing balance
	Farm Facilities
	Laboratory Animal Resource (LAR) Section
Lab in Animal Nutrition Division	Equipment
	Kjeldahl flask
	Titration apparatus
	Muffle furnace
	Hot air oven
	Research Centrifuge
	Desiccator
	Water bath
	Gas liquid chromatograph
	Atomic absorption spectrophotometer
	Balance
Lab in Veterinary Physiology Division	Equipment
	Carbon dioxide incubator
	Refrigerated centrifuge
	Deep freezer.
	Laminar hood.
	Automatic milk analyzer
	Somatic cell counter.
	Spectrophotometer.
	pH meter
	Shaker incubator.
	Flame photometer
	Gel electrophoresis unit.
	Gel Documenation system
	ECG machine
	Psychrometric chamber facility
	Automated Beta counter
	Instructional units
	CAFT-Veterinary Physiology
	Divisional reading room & class room
	Divisional Library
	Divisional office &Store
	Committe room/Seminar hall
	Experimental Animal sheds
	Farm facilities
	Cattle (Bull)
	Cattle (Male Calves)
	Goat (Female)
	Goat (Male)
	Rabbit
Lab in Biostatistics Division	Statistical Computing Lab
	Computer Cell

Lab in Epidemiology Division	Molecular work facility
	General bacteriology facility. Antimicrobial and herbal drug susceptibility testing facility. MIC, MBC and FIC determination facility (Various equipment like incubators, biosafety cabinet, microscope etc. are available)
	Computing facility Seroepidemiology facility
	Sero-epidemiological facilities. Molecular epidemiology facility. Computing and analysis facility
Lab in Livestock Economics Division	Statistical Computing
	Computer Cell
Lab in Livestock Production and Management Division	Equipment
	Tractors
	Tractor trolley (2 wheel)
	Tractor trolley (4 wheel)
	Milking machines
	Chaff cutters
	Animal lifter
	Sewage pumps
	Water pumps
	Radiofrequency identification system (RFID)
	Animal weighing bridge
	Electronic weighing balance
	Bull exerciser
	Artificial insemination equipment, Liquid nitrogen container, microscopes etc.
	Goat fodder feeder
	Group milk feeder
	Farm facilities
	Cattle and Buffalo farm
	Sheep and Goat farm
	Swine Production farm
Workshop	
Farm machinery workshop (Welding machine, drill machine, bench vice, anvil, grinders {hand and bench}, small handtools, wrenches, air compressor)	
Other instructional units	
Artificial insemination unit	
Milking unit	
Amphitheatre	
Lab in Livestock Products Technology Division	Equipment
	Tissue homogenizer
	Electronic weighing balance
	Warner-Bratzler shear force machine
	Bowl chopper

	Hydraulic sausage filler
	Rotary slim vacuum evaporator
	Food cutter
	Deep Fat Fryer
	Microwave oven
	Enviro-pak smoke oven
	Muffle furnace
	Cooking Range (Gas Tandoor)
	Vacuum tumbling machine
	Sensory evaluation facilities
	Packaging materials for demonstration facilities for testing of packaging materials
	Gel Documentation System
	Beckman U.V. Spectrophotometer
	BOD Incubator
	Horizontal Autoclave
	Laminar flow
	Shaker Incubator
	PCR machine
	Vacuum evaporator
	Temperature control shaking water bath
	-20°C freezer
	Kjeldhal protein estimation assembly
	Soxhlet fat estimation assembly
	TBARS estimation assembly
	weighing balance
	Water Activity Meter
	Emulsion Preparing Machine
	Dryer
	Weighing Balance
	Hot Air Oven
	Ph Meter
	Muffle Furnace
	Cream Separator
	Milk Analyzer
	Gerber Centrifuge Machine
Lab in Poultry Science Division	Equipment
	UV-Spectrophotometer
	Atomic Absorption Photometer
	Biosafety cabinet
	Electrophoresis
	Cooling centrifuge
	-80 ⁰ C refrigerator
	-20 ⁰ C refrigerator
	Water bath
	Ice flaking machine

	Thermocycler
	Double distillation unit
	Egg calndler
	ELISA Reader
	Autoclave
	TLC machine
	BOD Incubator
	Carbon dioxide incubator
	Tissue Homogenizer
	Shaking Water bath
	Gel doc System
	Haematological analyser
	Magnetic stirrer
	Farm Facilities:
	Experimental Broiler Farm
	Experimental Layer Farm
	Experimental Turkey Farm
	Experimental Quail Farm
	Experimental Guinea fowl Farm
	Experimental Desi Farm
Lab in Veterinary Microbiology Division	Equipment
	Gradient thermal Cyclers
	Gel documentation system
	ELISA Readers
	-80 Deep freezers
	High Speed refrigerated centrifuges
	Centrifuges
	-20 deep freezers
	Electrophoresis units
	Autoclaves
	Shaker Incubators
	pH meter
	Bio Safety Cabinets
	Laminar Flow
	Microscope with camera attachment
	Biological Microscopes
	Electroporator
	Lypholizers
	Hot air ovens
	Refrigerators,
	Incubators
	Magnetic Stirrer,
	Table top centrifuge,
	Vortex Mixer,
	Shaker Water-bath etc.
	Carbon dioxide Incubator

	Inverted Microscope
	Refrigerated micro-centrifuge
	Thermocycler
	Farm facility
	Animal shed
	Challenge shed
	Experimental Animal Shed
Lab in Veterinary Extension Education Division	Equipment
	Computers and LCD projectors
	Photography facility
	Audio Visual facility
Lab in Veterinary Gynecology and Obstetrics Division	Equipment
	Hot air oven
	pH meter
	Serological water bath
	Trimucular Microscope
	Electronic Digital Monopan Balance
	Autoclave
	Refrigerated Centrifuge
	Spectrophotometer
	Biological freezer
	Automatic straw filling-sealing & printing machine
	Ultrapurification system of water
	Semen -quality analyser
	Sperm count machine
	Electronic balance
	Cold handling cabinet
	Digital water bath
	pH meter
	Bio safety cabinet class II typeA2
	Professional cell culture, air jacketed incubator
	deep freezer
	Electronic digital pan balance Denver instruments
	Weighing balance
	Phantom Box
	Obstetrical equipments
	Dystocia handling Box
Lab in Veterinary Medicine Division	Equipment
	High Performance Thin Layer Chromatography (HPTLC)
	Atomic Absorption Spectrophotometers (AAS)
	ELISA Plate Reader
	Double beam UV-VIS Spectrophotometer
	Class-II Biological safety cabinet
	Hematoanalyzer
	Deep Fridge
	Refrigerator

	Electrolyte analyzer
	Serum biochemistry analyzer
	Microscope with camera
	Incubator
	Hot air oven
	Weighing Balance
Lab in Veterinary Parasitology Division	Equipment
	PCR machine
	Real time PCR
	High speed centrifuge
	Shaking incubator
	High resolution microscope
	Ultramicrotome
	ELISA reader
	Electrophoresis system
	Thermocycler
	Carbon dioxide incubator
	Refrigerated micro-centrifuge
	Shaker incubator
	Ultra-low temperature freezer
	Shaking incubator
	Microdigital nanodrop spectrophotometer
	Table top refrigerated centrifuge
	UV-VIS spectrophotometer
	ELISA reader
	-20°C Deep Freezer
	Refrigerated centrifuge machine
	Gel documentation system
	Trinocular microscope with photographic attachment
	Horizontal and Vertical Gel electrophoresis
Lab in Veterinary Pathology Division	Equipment
	Thermal Cycler
	Gel Doc System
	Electrophoresis System
	Centrifuge
	Vortex
	Water bath
	Refrigerator
	Deep Freezer
	Incubator
	Biosafety Cabinet
	Tentacular Microscope
	Trinocular Microscope
	Laminar Flow
	Automatic Tissue Processor
	Slide Stainer

	Microtome
	Weighing Balance
	pH Meter
	Dry Bath
	Cryotome
Lab in Veterinary Pharmacology Division	Equipment
	Isolated tissue bath with data acquisition hardware device
	Tail-flick apparatus
	Hot plate analgesiometer
	Electroconvulsimeter
	Langendorff apparatus and thermostat controller
	Cooling centrifuge
	Spectrophotometer
	Noninvasive blood pressure measuring device for rats
	Extraction Apparatus
	LC-MS/MS
	HPLC
	UHPLC
	-20 deep freezer
	-80 ultra deep freezer
Lab in Veterinary Public Health Division	Equipment
	ELISA Reader
	Refrigerated micro-centrifuge
	Biosafety cabinet level II
	Real-time PCR
	Bio-safety Cabinet Class-III
	Florescence Microscope with digital camera
	Thermalcyclers
	Freeze Drier
	Gel documentation system
	Ultra deep freezer
Lab in Veterinary Surgery & Radiology Division	Equipment
	Doppler ultrasound machine
	3D/4D ultrasound machine
	500 mA Xray machine
	30 mA Xray machine
	Computed radiography reader and printer
	C-arm machine
	Dental scale and other hand equipments
	Dental Xray machine
	Electroacupuncture machine
	Diathermy machine
	Height adjustable large animal operation table
	Small animal operation tables
	Small animal anesthesia machines
	Large animal anesthesia machine with ventilator

	Small animal ventilator
	Electrocardiography machines
	Electrocautery unit
	Bedside Multipara monitor
	Portable suction machine
	Ophthalmoscope
	Microsurgery Unit
	Pneumatic bone drill
	Autoclaves
	Operation theatre pendants
	Centralized oxygen gas system
	Centralized suction unit
	Laparoscopes
	Gastroscopy unit
	Bronchoscopy unit
	Centrifuges
	Deep freeze
	Carbondioxide incubator
	Laminar flow
	Perfusion bioreactor for cell seeding
	Fluorescence microscope with camera facility
	ELISA reader
Lab in Veterinary Virology Division	Equipment
	Deep freezers
	Cryo-preservation facilities (liquid nitrogen).
	Cell culture infrastructure
	Thermal cyclers
	Real time PCR machines
	Ultracentrifuge
	Incubators
	Fluorescent microscope
	Lyophilizers
	Electroporation facilities
	Gel documentation system
	Fermentation unit
	Bio-safety cabinet (Class II, B2)
	Facilities for protein characterizations
Lab in Biological Products Division	Equipment
	Incubator
	Refrigerated Centrifuge
	Lyodryer/Freeze Dryer
	PCR Machine/thermocycler
	Horizontal and Vertical Electrophoresis
	ELISA reader
	Digital Waterbath
	pH meter (table top)

	-80 degree deep freezer
	Biosafety cabinet
	Electronic weighing balance
	GelDoc system (Alpha Imager)
	Autoclave
	-20 deep freezer
	Upright microscope
	Bacteriological Incubator
	Colony Counter
	BOD Incubator
Lab in Biological Standardisation Division	Equipment
	Thermal Cycler
	Gel documentation system
	Refrigerated centrifuge
	Water Bath- digital
	Shaker incubator
	Normal incubator
	Deep freezer
	Biosafety cabinets
	Hot plate with magnetic stirrer
	Apparatus for SDS PAGE & western blotting
	Droplet digital PCR
	Real time PCR machine
	Spectrophotometer
	Freeze Dryer
	Fluorescent Microcope
	Inverted Microscope
	Upright Microscope
	Autoclave
	Hot Air oven
	Ice Flaking Machine
Lab in CADRAD Division	Equipment
	Laminar flow
	PCR/ Real time machine
	BSL3 lab
	centrifuge
	spectrophotometer
	Carbon dioxide incubator
	HPTLC
	Deep freezers
	microscope
	cell culture facilities
Krishi Vigyan Kendra	Equipment
	Tractor
	Happy Seeder
	Shrub Master

RMB Plough
Zero Till Ferti Seed Drill
Ferti Seed Drill
Raised Bed Planter
Bush Cutter
Medium power Tiller
Battery Operated Sprayers
Tractor Operated Sprayer
Cultivator
Fertigation Unit
Raingun/Sprinkler
UV Spectrophotometer
Water Distillation Unit
Flame Photometer
Pusa STFR Kit
Mrida Parikshak Kit
Portable EC Meter
Portable pH meter
Chemical Balance
Sewing Machines
Microwave Oven
Electric Chimni
Refridgerator
CIAE Paneer Press
Candle Making Moulds
Farm Facilities
Crop Field
Horticulture field
Ponds
Demonstration Farms