

## **PHYSICAL FACILITIES**

- ❖ Large & small animal operation theatres, Intensive care unit, Central diagnostic facilities, X-ray, Ultrasonography, ECG.



**X-ray machine**

- ❖ Atomic absorption spectrophotometer, HPLC, LCD projector, Phase contrast microscope with photographic attachment, Rotary vacuum evaporator, UV transilluminator, DNA thermal cycler.



**DNA thermal cycler**



**SDS-PAGE**



**ELISA reader**



**HPLC**



**HPTLC visualizer**

- ❖ Restraining equipment, Thermo hygrometer, Revolutionary Centrifuge, Crude Fiber estimation, A.I. Gun, A.I. Kit (Ger.& Fran.), LN Container BA-3 (BG-1184), Auto Poultry vaccinator.



- ❖ Bowl chopper, Meat mincer, Sausage filler, Ultra low freezer, Microwave oven, Butter making equipment, Labs of Milk Technology, Meat Technology By products Technology, Quality control and product formulation, Ice-cream plant, Experiential lab for imparting hands on training to U.G. students regarding meat & poultry product.

**Ice-cream plant**





- ❖ In-vitro gas production anaerobic station, BOD incubator, metabolic cages, spectronic, autoclave, Auto Kjeltec, Fiberted, Soxtec, GAs chromatograph, Anaerobic work station, Muffle furnace, Bomb calorimeter.



**Kjeltec**



**Vex embedding machine**

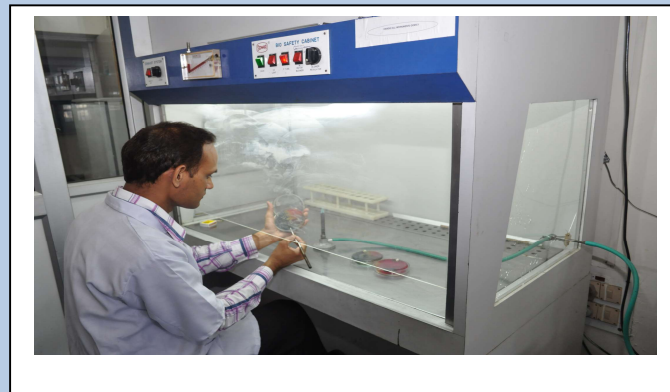
- ❖ Photofluorometer, LN containers, flame photometer, centrifuge.
- ❖ ECG machine, UV spectrophotometer, Iodide ion specific electrode, Ultrasonic, Electrical conductivity meter, Mastitis Routine diagnostic test facilities, Blood cells auto analyzer, Blood-Gas-analyser, metabolic profile test facilities, E.C.G. machine, Fecal microbial culture facility.



**UV spectrophotometer**

- ❖ Operating microscope, Radiography, Boyle's apparatus with Desflurane, Sevoflurane and Isoflurane vaporizer, Recording device for laparoscopy unit, Cryosurgery unit, Thermocautery unit, Endoscopy unit, Defibrillator & ECG machine, Ultrasound machine.
- ❖ Ultra Low Deep Freezer (-80°C), Micro centrifuge.
- ❖ OPLC, rotary vacuum evaporator, millipore water purification system, Inverted microscope, Flash Chromatography.
- ❖ Gel documentation system, Biophotometer, Submarine electrophoresis system, Horizontal Gel Electrophoresis, Hybridization Oven, Western Blot apparatus with Slab Gel Electrophoresis.

### **Biohazard safety cabinet**



- ❖ Fluorescent microscope, Scanning with EDS & Transmission Electron microscope, Automatic tissue processor, Cryostat.



**Transmissible Electron microscope**



**Scanning Electron Microscope**

- ❖ B/W photography unit, lamination machine, PA system.
- ❖ Sonicator, Millipore Water Purification System, Laminar Flow, BOD & Co<sub>2</sub>, incubator, Fluorecent Microscope, Humidity Chamber, Incubator, Deep Freeze (-20°C).
- ❖ Image analysis system, biological safety unit Hematological Analyzer, C.C.T.V., Cryostat, Microtome refrigerated centrifuge.



**Cryostat**



**Hematology Analyzer**

- ❖ Poly physiograph, gas chromatographs.
- ❖ Ultrasonicator, biological safety cabinet. Gold Gene Amp PCR System 96 Wells, Refrigerator incubator shaker, refrigerated table top Micro centrifuge, Alpha imager gel documentation system, UV Vis spectrophotometer, Gel electrophoresis system.

**Laminar Flow**







**C-arm**

- ❖ **Two buses and a small vehicle are available in the college for students/faculty members during classes and extension activities.**