Instruments Available in different departments of GNSU

Below mentioned instruments available in different departments and may be utilized by researchers of Gopal Narayan Singh University, Jamuhar.

I. Narayan Institute of Agricultural Sciences

1. Gel Documentation System
2. Tissue Digestor
3. Soxhlet Extractor
4. Sieve Shaker
5. Seed Germinator
6. UV-VIS Spectrophotometer
7. Kjeldahl Nitrogen Determination
8. Distillation Unit
9. Deep Freezer (-20°C)

II. Department of Microbiology, NMCH, Jamuhar

1. True NAAT (TB)
2. RT-PCR
3. Microcentrifuge
4. Penta-Head Microscope
5. Tissue Homogenizer

III. Department of Pathology, NMCH, Jamuhar

1. Automated Tissue Processor
2. Wax Embedding Machine
3. Microtome
4. Tissue Flotation Bath
5. Cold Plate
6. HbA1c (HPLC) Estimation Machine
7. Cryostat Microtome

IV. Department of Pharmacology, NMCH, Jamuhar

1. CAD Lab (Medimation)
2. Analgesio Meter
3. Plethysmograph
4. Rota-Rod Apparatus
5. Acto-Photometer
6. Disintegration Apparatus

V. Department of Physiology, NMCH, Jamuhar

1. Polygraph
2. ECG
3. Strain-Gauge Plethysmograph
4. Digital Spirometer
5. Electromyography (EMG)
6. Physiograph (1, 2, & 3 Channel)
7. Camograph

R&D Cell

VI. Department of Biochemistry, NMCH, Jamuhar

1. PCR
2. UV Transilluminator
3. DNA Agarose Electrophoresis
4. ELISA Reader
5. Digital Spectrophotometer

VII. Narayan Institute of Allied & Healthcare Sciences

1. DNA Agarose Electrophoresis: MLS Laboratory
2. UV-VIS Spectrophotometer: MLS Laboratory
3. Hand Held Dynamo Meter: Physiotherapy
4. Digital Slit Lamp: Optometry
5. Eye Refractometer: Optometry

VIII. Central Laboratory, NMCH, Jamuhar

1. Hormone Analyzer (CLIA)
2. Biochemical Autoanalyzer
3. CRP Analyzer
4. VITEK® COMPACT PRO: Identification & AST
5. BACT/ALERT® : Blood Culture System
6. VITROS™ 3600 Immunodiagnostic System
7. Electrolyte Analyzer
8. HbA1c Analyzer
9. Automated Tissue Processor
10. Cold Plate (Tissue Embeding)

R&D Cell