

SRV Ayurvedic Medical College & Hospital, Lucknow

Department of Roga Nidan evam Vikriti Vigyan (Pathology)

Departmental Laboratory Report

1. Introduction and Brief Description of the Laboratory

The Department of Roga Nidan evam Vikriti Vigyan is an essential academic and diagnostic department of SRV Ayurvedic Medical College & Hospital, Lucknow. The departmental laboratory is established in 2016, which provide practical and clinical examination to undergraduate students along with basic diagnostic facilities.

The laboratory plays an important role in teaching pathology, hematology, clinical pathology, and diagnostic procedures related to disease identification and interpretation.

The department also supports academic activities, practical demonstrations, specimen examination, and research oriented learning for students and faculty members.

2. Available Infrastructure and Facilities

The departmental laboratory is well equipped with adequate infrastructure and essential facilities required for academic and practical purposes.

The laboratory includes -

- Spacious and well ventilated practical laboratory hall.
- Demonstration area for practical teaching.
- Adequate lighting and electricity facilities.
- Water supply and wash basin facilities.
- Storage cabinets and reagent racks.
- Specimen and slide storage facility.
- Computer and documentation facility.
- Proper waste disposal system.
- Safety and hygiene maintenance facilities.
- The laboratory environment is designed to support practical teaching, routine laboratory work, and academic activities.

3. List of Instruments and Equipment Available in the Laboratory

Instruments

- Microscope
- Hemocytometer / Neubauer Chamber
- Hemoglobinometer
- Pipettes
- Micropipettes
- Test Tubes
- Glass Slides and Cover Slips
- Centrifuge Tubes
- Beakers
- Funnels
- Droppers
- ESR Apparatus
- Forceps
- Lancets and Needles
- pH Paper / pH Meter
- Sphygmomanometer (BP apparatus)

- Stethoscope
- Thermometer

Equipment

- Centrifuge Machine
- Incubator
- Autoclave
- Refrigerator
- Colorimeter / Spectrophotometer
- Weighing Balance
- Computer System and Printer
- Laboratory Furniture and Storage Units

4. Practical and Research-Related Facilities Available for Undergraduate Students and Faculty Members

The departmental laboratory provides various practical facilities for students and faculty members, including -

- Hematological investigations and demonstrations
- Clinical pathology practical training
- Microscopic examination of slides and specimens
- Preparation and staining of blood smears
- Urine examination demonstrations
- Practical teaching for undergraduate students
- Academic seminars and demonstrations
- Faculty-guided practical learning sessions
- Maintenance of laboratory records and documentation

The laboratory helps students develop practical knowledge, diagnostic understanding, and research orientation in pathology and laboratory medicine.

5. Photographs and Documentation

Relevant photographs and supporting documents are also attached separately on college official website.





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