

REPORT ON WORKSHOP

School of Allied Health Sciences organizes workshop on Clinical Laboratory Operations

Event: Workshop

Date: 18-03-2024 to 22-03-2024

Venue: REVA Diagnostic Center

Time: 9:00 AM TO 4:15 PM

School of Allied Health Sciences, in collaboration with the REVA Diagnostic Centre, conducted a workshop, initiated on 18th September 2023, witnessed an enthusiastic participation of 32 students from various programs, including M.Sc. Biochemistry, B.Sc. Nutrition & Dietetics. The workshop aimed to provide practical training and comprehensive insights into the intricacies of the medical and laboratory techniques, fostering a deeper understanding among the participating students.

The training program was meticulously designed to provide students with practical insights into the essential aspects of clinical laboratory operations. Through a combination of interactive sessions and practical exercises, participants were equipped with the necessary skills and knowledge to proficiently handle various laboratory instruments and execute standard procedures. The ever-increasing significance of health ailments and disorders demands the accurate detection and analysis of various physiological parameters of the human body. We intend to enhance the detailed practical-based knowledge of our participants on the diagnostic and validation aspects of histopathological, Cytological, biochemical, Microbiological analysis.

By the end of the program, the participants had gained a comprehensive understanding of key laboratory operations, Grossing the Specimens, Processing of specimens in automatic tissue processor (ATP), Embedding the tissue with paraffin, Cutting the tissue with microtome, Staining of the tissue section, Microscopic interpretation of stained slides, Bacterial Identification by microscopy, To assist in the diagnosis of human disease, to follow its progress and to monitor the effect of treatment, Assessment of organ functions, Measurement of chemicals in blood, Detect and monitor the diseases by analysis, Timely and accurate sample analysis and quality laboratory testing, Analysis of Hepatic diseases, Analysis of blood components, Study of cells (Cytology) including specimen handling, basic diagnostic tests, quality control measures, and safety protocols. The workshop not only broadened the students' theoretical knowledge but also enhanced their practical competencies, preparing them for potential careers in clinical laboratory settings.

The workshop encompassed a diverse range of topics, including practical demonstrations, interactive sessions, and skill-building exercises, designed to equip the students with the necessary knowledge and proficiency in their respective fields of study. The engaging and interactive nature of the workshop facilitated a dynamic learning environment, encouraging active participation and collaborative learning among the attendees.

Workshop Outcomes:

- Grossing the Specimens
- Processing of specimens in automatic tissue processor (ATP)
- Embedding the tissue with paraffin
- Cutting the tissue with microtome
- Staining of the tissue section
- Microscopic interpretation of stained slides
- Bacterial Identification by microscopy
- To assist in the diagnosis of human disease, to follow its progress and to monitor the effect of treatment.
- Assessment of organ functions
- Measurement of chemicals in blood.
- Detect and monitor the diseases by analysis
- Timely and accurate sample analysis and quality laboratory testing.
- Analysis of Hepatic diseases.
- Analysis of blood components
- Study of cells (Cytology)



Venue

REVA Diagnostic Centre

www.reva.edu.in

School of Allied Health Sciences

Organises

Workshop on

Clinical Laboratory Operations

in association with

REVA Diagnostics



18th to 23rd March, 2024

Registration Fee For Participants

Charges for students: ₹500/-

Last Date for registration

17/03/2024

Registration Link

<https://shorturl.at/qvDY3>

Payment link

www.reva.edu.in/payment

Email

REVAdiagnostic@reva.edu.in

Mobile

7560844005 /8884391267 /7411858725

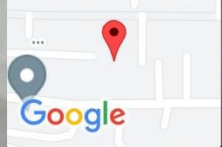








Charlie's Animal
Rescue Centre (CA



Bengaluru, Karnataka, India
Rukmini knowledge park kattigenahalli , Yelahanka
Lat 13.110496°
Long 77.635365°
18/03/24 09:07 AM GMT +05:30

 **GPS Map Camera**

