



Buddhini Yashoda Hettiarachchi

Experience

I am working at the Centre for Diagnosis and Research in Cancer, Faculty of Medicine, University of Colombo since 2021 to Present.

➤ **Designation:-**Technical Officer, CeDARC
(The Centre for Diagnosis and Research in Cancer)

Personal Details

Name

Buddhini Yashoda Hettiarachchi

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Piliyandala.

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Date of Birth

21st January 1993

Nationality

Sri Lankan

Sex

Female

Civil Status

Married

- Performs immunohistochemistry testing.
- Performs validation of immunohistochemistry markers.
- Performs preventive maintenance and quality-control procedures such as cleaning microscopes, recording temperatures on various instruments, changing staining solutions and making SOPs for laboratory equipment.
- Performs and monitors inventory of supplies, equipment, and reagents used, and places orders for replacements as required.
- Contributes to general laboratory functions and institutional needs by attending regular staff meetings and related continuing education activities, observing hospital and laboratory policies and safety practices, and maintaining a safe, clean, and prepared work area.
- Encourages other lab personnel towards professional growth and development by sharing information.
- Bring my contribution for research work that is implemented by the academic staff.

Other Qualifications

♣ Completed Cambridge ESOL Entry Level Certificate in ESOL International (Entry 3) Preliminary English Test (June 2013)

♣ Participated in Global Lab Quality Initiative 2- day-workshop (Adding Value to Patient Care Using Quality Control) conducted by AACC (The American Association for Clinical Chemistry) and WHCF (The Wallace H. Coulter Foundation) collaboration with CCPSL (College of Chemical Pathologists of Sri Lanka)

♣ Participated in workshop on Scientific Writing conducted by Postgraduate Institute of Science (PGIS), University of Peradeniya.

♣ Participated in workshop on Laboratory Management, Handling of Equipment and Good Laboratory Practice. (University Scientific Executive Officers Association, Faculty of Medicine, University of Colombo)

♣ Participated in workshop on Haematology Laboratory Technologies, Haem-Icon 2019

Designation: - Junior Medical Laboratory Technologist
Dr. Neville Fernando Teaching Hospital
April 2015 to December 2021

- Examined and analyzed blood, body fluids, tissues, and cells.
- Relayed test results to physicians.
- Utilized microscopes, cell counters, and other high-precision lab equipment.
- Performed differential cell counts looking for abnormal cells to aid in the diagnosis of different types of anemia.
- Established quality assurance programs to monitor and ensure the accuracy of test results.
- Performed PCR testing during Covid 19 Pandemic.

Academic Qualifications and Achievements

- Bachelor of Science in Biological Science Rajarata University of Sri Lanka (2014 – 2017)
- Master of Science in Medical Physics University of Peradeniya (2019 – 2022)
- Master of Science in Molecular Pathology (Reading)
- RCPATH Achievement Awards 2022

<https://www.rcpath.org/discover-pathology/news/celebrating-the-rcpath-achievement-award-winners-2022.html>

Research Projects

- ♣ RbI AND TETRAHEXYLEAMMONIUM IODIDE BASED GEL POLYMER ELECTROLYTE FOR DYE- SENSITIZED SOLAR CELLS (DSSCs).
In this study, the effect of concentration of anions and cations on efficiency enhancement in dye sensitized solar cells (DSSCs) containing single series of gel polymer electrolytes, based on RbI have been systematically studied.
- ♣ LABORATORY TURNAROUND TIMES OF SURGICAL BIOPSIES IN A UNIVERSITY DIAGNOSTIC HISTOPATHOLOGY LABORATORY.
8th International conference – ICON 2022
College of Pathologists of Sri Lanka & Sri Lankan British School of Pathology.

♣ Participated in workshop on “Unlocking the Genetic Code, Navigating Next-Gen Sequencing Frontier with MGI Tech, 2024

- SECOND OPINION IN DIAGNOSIS OF CANCERS: EXPERIENCE OF A CANCER REFERRAL CENTRE.
Annual Academic Sessions of College of Pathologists of Sri Lanka, 2023
- ANALYSIS OF IMMUNE-HISTOCHEMISTRY MARKERS AND COSTS INCURRED AT A TERTIARY REFERRAL FOR PRECISE CANCER DIAGNOSIS.
Annual Academic Sessions of College of Pathologists of Sri Lanka, 2023
- TESTING FOR IDH MUTATION IN ASTROCYTOMA BY IMMUNOHISTOCHEMISTRY: AN ANALYSIS OF POTENTIAL MISDIAGNOSIS IN THE SRI-LANKAN SETTING.
Annual Academic Sessions of College of Pathologists of Sri Lanka, 2023
- PRIMARY ALK-NEGATIVE ANAPLASTIC LARGE CELL LYMPHOMA OF ISCHIUM; A RARE ENCOUNTER.
Annual Academic Sessions of College of Pathologists of Sri Lanka, 2023
- MYOEPITHELIAL CARCINOMA OF THE SINONASAL TRACT: A RARE TUMOUR WITH POTENTIAL FOR MISDIAGNOSIS.
Annual Academic Sessions of College of Pathologists of Sri Lanka, 2023
- USEFULNESS AND LIMITATIONS OF A CANCER REFERRAL CENTER IN A RESOURCE POOR COUNTRY; A RETROSPECTIVE REVIEW
34th Congress, IAP-Arab Division
- DIAGNOSIS OF LYMPHOMA; DOES SUBMISSION TO A TERTIARY REFERRAL CENTRE HELP IN MORE ACCURATE AND CLINICALLY RELEVANT DIAGNOSIS
9th International Conference, ICON 2024

Key Skills and Competencies

- Performed presentations of clinical biochemistry lab procedures for medical students.
- Knowledge of using advanced medical equipment for clinical diagnosis.

- Ability to apply automated and manual test procedures as well as use correct methods to handle specimens.
- Basic computer and strong documentation skills to prepare and maintain patient and testing records.
- Effective social skills gained from experience, dealing with the public.

Referees

Professor Chandu de Silva
Director, CeDARC
Chair and Senior Professor of Pathology
Consultant Histopathologist
Department of Pathology
Faculty of Medicine
University of Colombo, Sri Lanka
Email: chandu@path.cmb.ac.lk

Dr. Harshima Wijesinghe
Senior Lecturer & Consultant Histopathologist
Department of Pathology
Faculty of Medicine
University of Colombo, Sri Lanka
Email: harshima@path.cmb.ac.lk

I hereby attest that, to the best of my knowledge, the provided information is true and accurate.

14/08/2024

Date

byhettiarachchi

B. Y. Hettiarachchi