

K.P.G.Karunaratna

Staff Technical officer grade II

Department of Pathology

Faculty of Medicine

University of Peradeniya

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Education

Advanced Certificate of Laboratory technology in the open university of Sri Lanka

GCE (A/L)

GCE (O/L)

Training programs & Workshop participated

- I. Participated in the two days workshop on “**Medical Laboratory Science**” conducted by The college of chemical pathologists of Sri Lanka on 14th, and 15th February 2020.
- II. Participated in the one-day workshop on “**Forwards a green university**” conducted by the ministry of environment and wildlife resources on 11th November 2019.
- III. Participated in the **seven days induction program** conducted by the staff development center, University of Peradeniya in 2019.
- IV. Participated in the two days workshop on “**Professional development for Technical officers**” conducted by Sri Lanka Universities’ Technical Officers’ Union on 25th, and 26th July 2018.
- V. Participated in the one-day workshop on “**Haematology update**” conducted by the Kandy Society of Medicine on 26th June 2018.
- VI. Participated in the one-day workshop on “**Power of third party quality control and EQAS interpretation for medical laboratories**” conducted by Bio-Rad & Emar Pharma on 13th July 2017.
- VII. Participated in the one-day workshop on “**Laboratory technologies & basic nanotechnology**” conducted by Peradeniya university technological officers’ welfare association on 15th June 2017.
- VIII. Participated in the two days workshop on “**Laboratory designing, Occupational health, and safety**” conducted by Sri Lanka Universities’ Technical Officers’ Union on 13th, and 14th July 2017.

- IX. Participated in the seven days training programme on Scanning Electron Microscope and Its applications at Carl Zeiss India (Bangalore) from 18th to 24th September 2016.
- X. Participated in the one-day workshop on “**Electrical energy management, Electrical safety & Fire safety**” conducted by Sri Lanka Universities’ Technical Officers’ Union on 22nd November 2014.
- XI. Participated in the one-day workshop on “**Nanotechnology, laboratory safety, safe disposal of e-waste & hazardous waste**” conducted by Sri Lanka Universities’ Technical Officers’ Union on 22nd March 2014.
- XII. Participated in a one-day workshop on “**Radiological nuclear emergency response**” conducted by the atomic energy authority on 22nd February 2014.
- XIII. Participated in the one-day workshop on “**Proper handling of histological techniques**” conducted by Dept. of Medical Laboratory Science, Faculty of Allied Health Science, University of Peradeniya from 14th November 2013.
- XIV. Participate in the one-day workshop on “**Health care waste management**” conducted by Sri Lanka Universities’ Technical Officers’ Union on 15th June 2013.
- XV. Participated in one day workshop on “**Maintain of departmental inventory in the university system & Disciplinary procedure and financial procedure**” conducted by the Sri Lanka Universities’ Technical Officers’ Union on 23rd March 2013.
- XVI. Participated in the two-day workshop on “**ISO 15189:2007 Development of quality manual & operating procedure**” conducted by the Sri Lanka accreditation board on 04th June 2009 & 05th June 2009.
- XVII. Participated in the two-day W.H.O sponsored workshop on “**Training of Laboratory personnel in the diagnosis of communicable disease with special reference to tuberculosis and leprosy**” conducted by Dept. of Pathology, Faculty of Medicine, University of Peradeniya from 27th & 28th August 2005.
- XVIII. Participated in a two-day workshop on “**Awareness Programme in Information Technology**” conducted by the Department of Medical Education and Health Sciences, Faculty of Medical Science, University of Sri Jayawardanapura From 3th to 4th December 2005.
- XIX. Participated in the one-day workshop on “**Quality assurance in medical laboratory**” conducted by Dept. of Pathology, Faculty of Medicine, University of Peradeniya from 20th March 2008.

- XX. Participated in a one-day workshop on “**Occupational Health and Safety**” conducted by Sri Lanka Universities’ Technical Officers’ Union on 04th August 2007.

Contribution in research / research publications

Co-authorship

- I. Lower esophageal erosion due to iron pill impaction: an under-recognized cause of esophageal injury**
Ahilan S, Wijethunge S, Kotakadeniya HMSRB, Madagama A, **Karunaratna KPG**
Journal of diagnostic pathology in 2012 published in the college of pathologist
- II. A correlation of adipocyte size and adipose crown-like structures with measure of adiposity and hepatic steatosis in a sample of adult sri Lanka females**
Wijethunge S, Rathnayaka RMCJ, Rosiro S, Kotakadeniya HMSRB, Dharani K, Rankothkumbura JP, **Karunaratna KPG**, Kalupahana NS
Department of Pathology, Faculty of Medicine, University of Peradeniya.
- III. Fatty liver and not adipose tissue macrophage infiltration is associated with impaired fasting glucose in adult females in Sri Lanka.**
JP Rankothkumbura, S Rosiro, S.Wijetunge, HMSRB Kotakadeniys, RMCJ Rathnayaka, AMBD Bandara, **KPG Karunaratna**, PUB Harangala, NS Kalupahana.
- IV. Fatty liver associated with higher BMI, abnormal obesity elevated fasting blood glucose, and adipocyte hypertrophy in adult Sri Lankan females**
Wijethunge S, Rosiro S, Rathnaya RMCJ, Kotakadeniya HMSRB, Dharani K, Rankothkumbura JP, **Karunaratna KPG**, Kalupahana NS

Acknowledgments

V. Effect of endocrine disruptor mancozeb on embryo implantation in a murine model

Conducted by the Department of Animal Science, Faculty of Agriculture, University of Peradeniya.

VI. Establishing a Rodent model to study the effect/s of heat stress on reproductive biology

Conducted by the Department of Animal Science, Faculty of Agriculture, University of Peradeniya

VII. The association between serum and adipose tissue resistin with dysglycemia in South Asian woman

Sulochana Wijetunge, R.M.C.J.Rathnayake, H.M.S.R.B.Kotagadeniya, Shanthini Rosairo, Kembra albracht-Schulre, Latha Ramalingam, Naima Moussa, Nishan Sudeera Kalupahana

VIII. The venom of spectacled cobra (Elapidae: Naja naja): in vitro study from distinct Geographical origins in Sri Lanka.

Dumindu S.B. Dissanayake, Lasanthika D. Thewarage, Roshitha N Waduge, J.G.S. Ranasinghe, S.A.M.Kularathna and R.P.V.Jayanthe Rajapakshe.

Contribution to the system

- I. Working with the scanning electron microscope (SEM) and help in undergraduates & postgraduate students (**all faculties, all universities**) with their research & studies.
- II. Training the government Medical laboratory Technological students in histopathological and cytological techniques.
- III. Contribute to the coordination of public health education sessions conducted by the Faculty of Medicine for school children.
- IV. Teaching & training histology techniques to the post-graduate student (M.Phil.) sponsored by the National Science Foundation and the University of Peradeniya.
- V. Training the postgraduate students in Histopathological, Cytological techniques.

- VI.** Maintenance of the projection microscope and student microscopes and assisting with slide projections in histology practical for doctors and medical students.
- VII.** Assisting postgraduate trainee doctors in histopathology, cytology, and special staining techniques in their training programmes.
- VIII.** Maintenance of computers and printers in the department.
- IX.** Demonstrations of histopathological techniques, Urine & CSF analysis for medical students.
- X.** Technical contribution to clinical pathology appointments for medical students.
- XI.** Provide facilities for venipuncture practical sessions.
- XII.** Teaching the Allied Health Sciences students about Histopathological, Cytological, Special Stains, and museum specimen mounting techniques.
- XIII.** Training the technical officers (all universities) in the museum specimen preparation.
- XIV.** Appointed as a visiting Technician of the Department of Medical Laboratory Science, Faculty of Health Science, Open University of Sri Lanka, Nawala, Nugegoda in 2016, 2019
- XV.** Appointed as a visiting academic of the Department of Medical Laboratory Science, Faculty of Health Science, Open University of Sri Lanka, Nawala, Nugegoda in 2021
- XVI.** Technical contribution to the department of Paediatrics in the identification of the renal biopsy samples.
- XVII.** Assistance to Postgraduates examinations conducted by the Department of Surgery, Faculty of Medicine, University of Peradeniya.
- XVIII.** Appointed as a member of the goods acceptance committee for purchasing laboratory chemicals & glassware for the years 2020, 2021, and 2022.

Extracurricular activities

- i. Department representative of the medical faculty welfare association for the period 2004, 2005, 2006, and 2007.
- ii. Secretary of the medical faculty welfare association for the period of 2008, 2009, and 2010.
- iii. Faculty representative of the Sri Lanka University's Technical Officers' union for the period of 2008 to 2009.
- iv. Treasurer of the Sri Lanka Universities' Technical Officers' union for the period of 2009-2010
- v. University Secretary of the Sri Lanka universities' Technical Officers' union for the period of 2010-2011
- vi. General Secretary of the Sri Lanka universities' Technical Officers' union for the period of 2011-2012, 2012-2013, 2013-2014, 2014-2015, and 2016 to date.
- vii. Treasurer of the University trade union joint committee for the period of 2011–2012, 2012-2013,
- viii. Member of the university environmental committee
- ix. Member of the management Dengue control committee