

## **CURRICULUM VITAE**

### **Ms.LHMIM Herath**

#### **Full Name:**

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#### **Home:**

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#### **University:**

Dept of Radiography/Radiotherapy

General Sir John Kotelawala Defense University

Ratmalana

Email: [indeewariherath23@kdu.ac.lk](mailto:indeewariherath23@kdu.ac.lk)

### **RESEARCH INTERESTS**

Radiation Dosimetry, Dental Radiography, Forensic Radiography

### **EDUCATION**

2015-2020

**MSc in Medical Physics (SLQF Level 10)**

Department of Nuclear Science

Faculty of Science

University of Colombo

2008 – 2013

**BSc (Hons) Radiography (Second Class Upper Division)**

Department of Radiography/Radiotherapy

Faculty of Allied Health Sciences

University of Peradeniya

2005 - 2007

Maliyadeva Girls' College, Kurunegala

Advanced Levels: Biology A, Chemistry B, Physics C

## **TEACHING EXPERIENCE**

Oct. 2014 – May 2015      **Demonstrator**      General Sir John Kotelawala Defense University

- Conducted lectures on some selected topics under supervision of the senior lecturers and several tutorial classes for undergraduates in the Radiography Department
- Demonstrated the techniques related with Plain Radiography and supervised practicals for undergraduate students of up to 50 students
- Acted as a mentor for undergraduates in the Radiography Department in their 2<sup>nd</sup> and 3<sup>rd</sup> years
- Examination invigilation ensuring correct procedures and processes were followed
- Acted as the batch co-ordinator of the undergraduates in the Radiography Department in their 2<sup>nd</sup> year
- Acted as the overall time table co-ordinator of the undergraduates in their 2<sup>nd</sup> year

May 2015 - Present      **Lecturer (Probationary)** General Sir John Kotelawala Defense University

- Conducting lectures, several tutorial classes and demonstrations for undergraduates in the Radiography Department
- Acting as the program coordinator of BSc (Hons) Radiography degree
- Acted as the clinical coordinator of BSc (Hons) Radiography degree
- Acted as a co-supervisor for 4 undergraduates on their dissertations
- Acted as the department coordinator of International Research Conference, KDU in 2019, and 2020
- Acting as a mentor for undergraduates in the Radiography Department in their 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> years
- Acting as the batch co-ordinator of the undergraduates in the Radiography Department in their 3<sup>rd</sup> year
- Involving for the examination invigilation
- Involved in open days in terms of promoting the Radiography/Radiotherapy Department

## **OTHER WORK EXPERIENCE**

Oct. 2013 – Oct. 2014

**Radiographer**

Nawaloka Hospitals PLC

- Performed the imaging techniques on Plain Radiography, Dental Radiography and Mammography

## **OTHER SKILLS**

IT: Applications: Microsoft Office Suite, Internet Explorer

Programming: C++

Languages: Proficient in Sinhala and English

## **INTERESTS**

Listening to music

Reading books and newspapers

Watching movies

## **PUBLICATIONS**

- Determination of Gender using Measurements of the Mandible taken from Orthopantomogram and Cephalogram MDR. Munasinghe, LPN Madhavee, LHMIM Herath, RP Illeperuma, General Sir John Kotelawala Defence University - 13th International Research Conference, 15th-16th October 2020, pp 26
- Ranaweera W.G.P.E., Chandrasekara C.M.C.T.K., Haputhanthiri H.D.S., Padma De Silva, Herath L.H.M.I.M, Sex Determination by Mandibular Ramus - A Digital Panoramic Study, Sri Lanka Journal of Forensic Medicine, Science & Law-May 2020-Vol.11 No.1, pp 10-19
- Herath, L.H.M.I.M., Senanayake, G. and Jeyasugiththan, J., 2019. Radiological age estimation from fusion at xiphi-sternal joint of living persons through CT images of thoracic region. Sri Lanka Journal of Forensic Medicine, Science & Law, 10(2), pp.25–32

- Gender Estimation by Means of Quantitative Measurements of Foramen Magnum: An Analysis of CT Head Images Thilini Hathurusinghe, Uthpalie Siriwardhana, W.M.Ediri Arachchi, Ranga Thudugala, Indeewari Herath, Gayani Senanayake The 20th International Research Conference, Bangkok, Thailand, 13th-14th December 2018, Volume 20, Issue 12, Part VI, pp 632
- Estimation of Radionuclide Activity of Bladder for Patients Undergoing Bone Scan MPGH Gunathilaka, NH Gunawardane, VGVV Gamage, LHMIM Herath and JMC Udugama 11th International Research Conference-KDU, 13th -14th September 2018, pp 35
- Evaluation of Surface Dose to the Thyroid Region of Pediatric Patients Undergoing Antero-Posterior Chest Xray Examination Herath HMLSB, Wickramaratne RLA , Pallewatte AS, Herath LHMIM IJSRP, Volume 7, Issue 10, pp 204-207, October 2017 Edition [ISSN 2250-3153]
- Analysis of Maxillary Sinus Volume by Computed Tomography (CT) Scan for Age and Gender Detection in a Sample of Sri Lankan Population P. Sathyathas, L.H.M.I.M Herath, R. Tudugala and G. Senanayake International Peradeniya University Research Session, Srilanka, vol 20, 4th November, 2016, pp 240 Abstract No: 464
- Effective Dose and Dose Area Product Assessment for Postero-Anterior Erect Chest X-ray Examinations of Adult Patients in a Selected Teaching Hospital in Sri Lanka LHMIM Herath and S Rosairo 9th International Research Conference-KDU, 08th-09th September 2016, pp 6-11
- Entrance Surface Dose Assessment for Postero-Anterior Erect Chest X-ray Examinations of Adult Patient LHMIM Herath, ILU Chandrasiri, SA Senavirathne, S Rosairo, KDU-IRC, 2015

### **CONFERENCES ATTENDED**

- 8<sup>th</sup> International Research Conference conducted by General Sir John Kotelawala Defense University, August 2015
- 9<sup>th</sup> International Research Conference conducted by General Sir John Kotelawala Defense University, August 2016

- 10<sup>th</sup> International Research Conference conducted by General Sir John Kotelawala Defense University, August 2017
- 11<sup>th</sup> International Research Conference conducted by General Sir John Kotelawala Defense University, 2018
- 12<sup>th</sup> International Research Conference conducted by General Sir John Kotelawala Defense University, 2019
- 13<sup>th</sup> International Research Conference conducted by General Sir John Kotelawala Defense University, 2020

### **REFERENCES**

Senior Prof R.N.Pathirana

Head of the Department

Department of Basic Sciences

Faculty of Allied Health Sciences

General Sir John Kotelawala Defense University

Email: rmedchem@gmail.com

Dr.S.Rosairo

Senior Lecturer

Department of Radiology

Faculty of Medicine

University of Peradeniya

Email: shanthinirosairo@yahoo.com

I hereby certify that the above particulars furnished by me are true & accurate to the best of my knowledge.

Date: 13/12/2020

Ms. LHMIM Herath