



RUMESH NEUMDENIYA

FAHS-KDU, Werahera

+94719013835

nelumdeniya@kdu.ac.lk

linkedin.com/in/nelumdeniya

https://kdu.academia.edu/r
umeshmadhushanka



INTRODUCTION

I am currently working as a lecturer (Probationary) at Department of Pharmacy, Faculty of Allied Health Sciences, General Sir John Kotelawala Defence University, after completing my undergraduate and post graduate studies in the stream of Pharmacy. I obtained the Bachelor of Pharmacy (B. Pharm) degree with first class honours from the University of Sri Jayewardenepura in 2013. Subsequently, I served the Department of Health sciences, The Open University of Sri Lanka by holding the post of demonstrator and joined the Department of Pharmacy KDU in 2014. In 2015 I completed the postgraduate Diploma in Toxicology at the Faculty of Medicine, University of Colombo, with a merit pass. I am a registered pharmacist at Sri Lanka medical Council and a life member of the Pharmaceutical Society of Sri Lanka and the Sri Lanka Association for the Advancement of Sciences. In my career at KDU, I have actively participated in the Development of B Pharm Curriculum of the Department of Pharmacy and engaged with the preparation of other teaching and learning materials. Currently, I am serving the Department of Pharmacy by teaching the subjects, Pharmacology, Pharmaceutical Technology, Physical Pharmacy, Pharmaceutical Laboratory and Pharmaceutics.



EXPERIENCE

Lecturer (Probationary) | General Sir John Kotelawala Defence University

2014 – TO DATE

Teaching and Evaluation, Research Supervising and administrative task as the acting HOD in the Department of Pharmacy -Faculty of Allied Health Sciences-KDU

Demonstrator | The Open University of Sri Lanka

2013 – 2014

Demonstration of practical classes and performing research activities in the field of Pharmacy at the Department of Pharmacy -Faculty of Allied Health Sciences -OUSL

Product Specialist | Roche Products Colombo-Sri Lanka

2012 – 2013

Advisor and Information handler of Pharmaceutical product range of Oncology field in Roche Products -GmbH



OTHER RESPONSIBILITIES

- **Coordinator**- Department of Pharmacy (2020-up to date)
- **HOD (Act)** -Department of Pharmacy (2015-2017)
- **Coordinator** - FAHS, International Research Conference 2016
- **Coordinato**r - FAHS, International Research Conference 2015

- **Temporary Demonstrator**-Department of Health Sciences, Faculty of Natural Sciences, The Open University of Sri Lanka (2013 - 2014)



SKILLS

- A person with sound intra personal and inter personal skills
- A Flexible, Cooperative hard worker and team player
- A researcher
- Teacher
- communicator



PROFESSIONAL TRAINING

Within university period

- Six months of dispensing training at Rajya Osusala (Community Pharmacy), Sri Jayewardenepura Hospital. Had a good experience on prescription handling, storage and dispensing of drugs, patients counseling, etc.
- Six months of clinical pharmacy practice with regular ward visits at Colombo South Teaching Hospital, Kalubowila. Had a good experience in medication history taking, patient counseling, drug interaction identification, etc.

After the university period

- Attended to the internship program at National Drug Quality Assurance Laboratory (NDQAL), Obtained good experience in quality testing of pharmaceuticals
- Medical Research Institute (MRI), Obtained good experience in quality testing of Vaccines
- State Pharmaceutical Manufacturing Corporation of Sri Lanka. Obtained good experience on manufacturing and quality assurance of pharmaceuticals, etc.
- Successfully completed a training programme in Safe Handling and reconstitution of cytotoxic drugs at cancer hospital, Maharagama.
- Registered pharmacist at Sri Lanka Medical Council (SLMA). Reg No : 8686



EDUCATION

M.Phil in Computer Aided Drug Designing (Reading) | University of Peradeniya
2016 – TO DATE

Molecular Dynamic and Quantum Mechanic simulations of Drug-Cyclodextrin Complexation

**Post Graduate Diploma In Toxicology (Merit pass) | Faculty of Medicine-
University of Colombo**

2013 – 2014

Drug related Toxicities and Management

B Pharm (Hons) (1st Class) | Faculty of Medical Sciences-University of Sri Jayewardenepura

2008 – 2012

Theoretical and Practical Knowledge of all core subjects in the field of Pharmacy



RESEARCH ACTIVITIES

- R Wijerathna WD Ratnasooriya, RN Pathirana and NRM Nelumdeniya, N. A. V. Asanthi. (2018). Evaluation of in vitro antibacterial activity and phytochemical profile of aqueous leaf extract of *Asystasia variabilis*. *Journal of Pharmacognosy and Phytochemistry*, 7(04), 639–642
- R.D. Nimantha Karunathilaka, A.R.N.S., Chathuranga Bharathee Ranaweera, D.M.R.K. Dissanayake, N.R.M. Nelumdeniya, Ranjith Pathirana and W.D. Ratnasooriya. (2016). "In Vitro Antibacterial Activity of Hexane, Chloroform and Methanolic extracts of different parts of *Acronychia Pedunculata* grown in Sri Lanka." *International Journal of Advanced Research (IJAR)*
- NRM Nelumdeniya D.T.S. Ranathunga, R.J.K.U. Ranatunga (2020). Size dependence of host-guest interactions of β -Cyclodextrin in Silico. *Rescon* 2020, 7, 185.
- DNM Kannangara , NRM Nelumdeniya, D.T.S. Ranathunga, RJKU Ranatunga, (2020). Generation of a Coarse-grained Molecular mechanics model for poloxamer molecules. *Rescon* 2020, 7, 188.
- Wedage GEH Piyasisri DLB, Nelumdeniya NRM, Rajiv. R. (2019). An audit on the prescription pattern, usage and the cost of oral antibiotics in the outpatient department in a tertiary care hospital in Sri Lanka. *Annual Bulletin of the Sri Lanka College of Microbiologists*, 17(ISSN 1391-930X), 39–40.
- SP Warusavitharana A Balasuriya, NRM Nelumdeniya, DTN De Silva, R. H. J. Kumudumala (2018). Assessment of Knowledge, Attitudes and Practices Among patients on consumption of medicines at Rajya Osusala, Colombo 07, Sri Lanka. *Annual Scientific Sessions of the Pharmaceutical Society of Sri Lanka*.
- N. R. M. Nelumdeniya, R. J. K. U. Ranatunga. (2017). Pre-screening Drug-Cyclodextrin Complexes Using Implicit Solvent Simulations. *International Conference on Computational Modeling and Simulations -2017*.
- L. A. A. R. Saranasekara N. R. M. Nelumdeniya, and B. S. S. De Silva, G. W. I. N. Kulathunga (2014). Quality of life of a patient with glaucoma. *Annual Academic Sessions-The Open University of Sri Lanka*, 1(ISSN 2012-9912 © 2014), 175–178
- Nelumdeniya, N. R. M., Wagachchige, S. S., & Wijayabandara, M. D. J. (2012). Quality and stability studies of metformin hydrochloride tablets marketed in Sri Lanka. *Proceedings of Annual Scientific Sessions of Faculty of Medical Sciences*, 1(1).



RESEARCH INTEREST

- Clinical Pharmacy
- Pharmaceutical Quality Testing

- Computer Aided Drug Development (CADD)



MEMBERSHIPS IN ACADEMIC & PROFESSIONAL BODIES

- Life member of pharmaceutical Society of Sri Lanka (PSSL)
- Life Member of Sri Lanka Association for the Advancement of Science
- Registered Pharmacist (SLMC)