

CURRICULAUM VITAE OF KRISHANTHI PESHALA KUMARI

Full Name: KUMARAGAMAGE DONA KRISHANTHI PESHALA KUMARI

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Date of Birth: 08/10/1980

Civil Status: Married

Sex: Female

Nationality: Sri Lankan

Educational Qualifications

University Education (Basic Degree):

- B.Sc. Human Biology Special Degree (Microbiology Specialization) from Faculty of Medical Sciences, University of Sri Jayewardenepura, Sri Lanka (Effective date: 1st of March 2007) (Index No: B.Sc.HB.53)

Postgraduate Qualifications:

- Ph. D in Biochemistry from Faculty of Graduate Studies, University of Sri Jayewardenepura, Sri Lanka (Effective date: 27th of March 2014) (Index No: 1612MS2010001)
- MSc in Nanoscience and Nanotechnology, Postgraduate Institute of Science, University of Peradeniya, Sri Lanka (Thought course completed. GPA: 3.54) (Index No: PGIS/CH/MSC/CHN/18/17)

Professional qualification:

- Postgraduate Certificate in Medical Education, Postgraduate Institute of Medicine (PGIM), University of Colombo.

Working experience

Present Occupation:

- Senior Lecturer, Department of Basic Sciences, Faculty of Allied Health Sciences, General Sir John Kotelawala Defence University, from May 2020 to date

Previous Occupations:

- Lecturer, Department of Basic Sciences, Faculty of Allied Health Sciences, General Sir John Kotelawala Defense University, from May 2015 to May 2020
- Temporary Demonstrator, Department of Basic Sciences, Faculty of Allied Health Sciences, General Sir John Kotelawala Defence University, from October 2014 to May 2015
- Temporary Research Assistant (Full time PhD student), Department of Biochemistry, Faculty of Medical Sciences, University of Sri Jayewardenepura from July 2010 to October 2014
- Temporary Demonstrator, Medical Laboratory Science degree program, Faculty of Medical Sciences, University of Sri Jayewardenepura from July 2008 to May 2009
- Molecular Laboratory Technologist, Molecular Laboratory, Durdans Hospital, Colombo 03 from July 2007 to July 2008

Teaching Experience

- Conduct academic activities (lectures, tutorials, practical classes, examinations...etc) for undergraduates of Faculty of Allied Health Sciences on (from 20/10/2014 up to date),
 - Biochemistry
 - Human Anatomy
 - Research Methodology/Research Ethics
 - General pathology
 - Human Physiology
 - Pharmaceutical Biotechnology
- As a visiting lecturer conducted 15h course of lectures for undergraduate module on Special topics of Biotechnology (MB 4904) in the Department of Chemistry at University of Colombo for the academic year 2019/2020

- As a visiting lecturer conducted 20h course of lectures and 15h of practical sessions for undergraduate module on Nuclear techniques in Biology (NS 3906) in the Department of Nuclear Science at University of Colombo for the academic year 2019/2020
- As a visiting lecturer conducted 10h course of lectures for undergraduate module on Research Methodology in British College of Applied Studies, Sri Lanka for the academic year 2020/2021
- As a Visiting Lecturer in Medical Laboratory Sciences degree programme, Faculty of Medical Sciences, University of Sri Jayewardenepura to organized and conducted practical sessions on Histopathology for undergraduates from May 2010 to July 2010
- As a demonstrator organized and conducted practical classes in Anatomical Pathology (Histopathology), Heamatology, Parasitology, Microbiology and Molecular Biology for Medical Laboratory Science undergraduates from July 2008 to May 2009 at Faculty of Medical Sciences, University of Sri Jayewardenepura.

Administrative Experience

- Head of the Department, Department of Basic Sciences, Faculty of Allied Health Sciences, General Sir John Kotelawala Defence University from May 2017 to May 2020.
- The coordinator of Human Physiology Module, Department of Basic Sciences, Faculty of Allied Health Sciences, General Sir John Kotelawala Defence University from September 2018 to September 2019.
- The co-ordinator of Basic Statistics and Research Methodology Modules of Faculty of Allied Health Sciences, General Sir John Kotelawala Defence University, from August 2015 to February 2017.
- The coordinator of Basic Human Anatomy Module, Department of Basic Sciences, Faculty of Allied Health Sciences, General Sir John Kotelawala Defence University from November 2014 to date.

Contribution in organizing Research Conferences

- Chairperson of the organizing committee of Young Scientists Program of 28th FAOBMB (Federation of Asian and Oceanian Biochemists and Molecular Biologists) and 2nd CBSL (College Biochemists Sri Lanka) Conference, Colombo, Sri Lanka, scheduled to be held on 11-13 June 2020 (Cancelled due to COVID-19 pandemic)
- As the Secretary of Section D, SLAAS, involved in organizing the 75th Annual Sessions of Sri Lanka Association for Advancement of Science which was held during 8th to 13th of December 2019 at University of Colombo.
- A member of the organizing committee of 3MT competition and Conference- 2019 conducted by Sri Lanka Academy of Young Scientists during October 2019 at Taj Samudra Hotel, Sri Lanka
- Plenary/Technical Session Co-ordinator of the Allied Health Sciences Session at the 12th International Research Conference of General Sir John Kotelawala Defence University held in September 2019
- Plenary/Technical Session Co-ordinator of the Allied Health Sciences Session at the 9th International Research Conference of General Sir John Kotelawala Defence University held in September 2016
- Plenary/Technical Session Co-ordinator of the Allied Health Sciences Session at the 8th International Research Conference of General Sir John Kotelawala Defence University held in August 2015
- A member of organizing committee and fund raising sub-committee, 3rd Annual Scientific Sessions of Sri Lanka Association for Laboratory Animal Sciences.

Memberships in Professional bodies:

- Founder member of Sri Lanka Association for Laboratory Animal Science
- A life member of Sri Lanka College of Biochemists
- A life member of Young Scientists Forum, Sri Lanka
- A life member of the Sri Lanka Association for the Advancement of Science
- A life member of the Institute of Biology Sri Lanka

Research Publications

Publications: Full Research articles in Journals:

- R.N.N. Gamage, K.D.K.P. Kumari. A Review on Therapeutic Potential of Protease Inhibitors from Medicinal Plants. *Asian Journal of Research in Biochemistry* 2018. 3(4): 1-11 DOI <https://doi.org/10.9734/ajrb/2018/v3i430055>
- W.M.D. Thisera, R.M.P.S. Thilakarathne, A.G.K. Neranja and K.D.K.P. Kumari. Evaluation of the antimicrobial activity of different solvent extracts of *Ipomoea littoralis* (Blume): a naturally growing medicinal plant in Sri Lanka. *South Asian Research Journal of Natural Products* 2019. 2(1): 1-9
- W.M.D. Thisera, A.G.K. Neranja, R.M.P.S. Thilakarathne and K.D.K.P. Kumari. Antimicrobial activity of crude extracts of *Oldenlandia auricularia* against some selected human pathogens. *South Asian Journal of Research in Microbiology*. 2018. 2 (4): 1-9 DOI <https://doi.org/10.9734/sajrm/2018/v2i429898>
- Neranja AGK, Thilakarathne RMPS, Hasanthi KB, Kankanamge SU, Kumari KDKP. Assessment of anti-bacterial efficacy of different parts of the medicinal plant *Wattakaka volubilis* (L.f.) Stapf grown in Sri Lanka. *Journal of Scientific and Engineering Research*. 2019 6(1); 69-76 (Peer Review Journal)
- KB Hasanthi, RNN Gamage and KDKP Kumari. Anti-microbial activity of different solvent extracts of dried flowers of *Aegle marmelos*. *Journal of Pharmacognosy and Phytochemistry* 2018, 7 (special issue): 1827-1830 (Peer Review Journal)
- R.N.N. Gamage, K.B. Hasanthi, K.D.K.P. Kumari. A Comparative Study on *In Vitro* Antibacterial Activity of Different Leaf Extracts of Medicinal Plant *Talinum paniculatum*. *International Journal of Pharmacy and Pharmaceutical Research*. 2017; 10 (3): 144-154. (Peer Review Journal)
- P. Sathyathas, R. Tudugala, M. Jayasuthan, K.D.K.P. Kumari. A Qualitative Evaluation on Learning Experiences and Perceptions on M.Sc. in Medical Physics among Radiography and Radiotherapy Graduates. *International Journal of Science and Research Methodology*. 2016; 5 (2): 13-22. (Peer Review Journal)
- K.D.K.P. Kumari, S.M. Handunnetti, K. Samarasinghe, T.S. Suresh. Preliminary Studies on Activity Guided Fractionation of the Ethanolic Extract of Dried Flowers of *Aegle marmelos*. *International Journal of Green and Herbal Chemistry*. 2016; 5 (2): 122-138. (Peer Review Journal)

- K.D.K.P. Kumari, T.C.S. Weerakoon, S.M. Handunnetti, K. Samarasinghe, T.S. Suresh. Anti-inflammatory Activity of Dried Flower Extracts of *Aegle marmelos* in Wistar Rats. *Journal of Ethnopharmacology*. 2014; 151: 1202–1208. doi: 10.1016/j.jep.2013.12.043. Epub 2014 Jan 3.
- K.D.K.P. Kumari, K. Samarasinghe, T.S. Suresh. Hypoglycaemic Effect of the Traditional Drink, the Water Extract of Dried Flowers of *Aegle marmelos* (L.) Correa (*bael* fruit) in Wistar Rats. *Indian Journal of Traditional Knowledge*. 2013; 12 (3): 384-389.
- Kumari K.D.K.P., Rajapakse Mallikahewa R., Chandrasiri S., Nanayakkara M., Meedin D.F.D., Fernando S.S.N. Central Vascular Catheter-related Blood Stream Infections: Incidence, Associated Pathogens and Antibiotic Sensitivity Patterns at a Tertiary Care Hospital in Sri Lanka. *Ceylon Medical Journal*. Vol.55, No.1 March 2010 pp.30 DOI: 10.4038/cmj.v55i1.1709 (Peer Review Journal)

Publications: Full Research Articles in Proceedings of Research Conferences:

- K.D.K.P. Kumari, S.M. Handunnetti, K. Samarasinghe and T.S. Suresh. Evaluation of the Effect of the Water Extract of Dried Flower of *Aegle marmelos* on Na⁺/K⁺ ATPase Activity in Liver, Erythrocytes and Small Intestine of Diabetic Rats. Annual Research Symposium of Sir John Kotelawala Defense University. Colombo, Sri Lanka. August 2014.

Publications: Abstracts in Proceedings of Research Conferences:

1. AASP Nimanthika, MKJKB Dharmapriya, RSP Fernando, KDKP Kumari. Evaluation of the difficulty level of basic sciences for first year allied health undergraduates of General Sir John Kotelawala Defence University, Sri Lanka. IUBMB Education Conference 2019, Manila, Philippines.
2. M.D.R.C.J Seelawickrama, K.D.K.P. Kumari, M. R Lamabadusuriya. An investigation on Bioaccumulation of Heavy Metals and Radionuclides in *Sonneratia caseolaris*, a mangrove grown in Sri Lanka. 2nd International Conference on Innovative & Advanced Multidisciplinary Research (ICIAMR-2019), 12-13 October, 2019 PACC, Singapore:60
3. MRD Anuradha Chandrasiri, RMUGMS Bandara, Manuja R Lamabadusuriya, KDK Peshala Kumari. The transfer of natural radionuclides from soil to *Centella asiatica*, a widely used medicinal plant grown in Colombo district, Sri Lanka. 27th FAOBMB Conference, Kuala Lumpur, Malaysia, 19-22 August 2019.

4. Neranja AGK, Thilakarathne RMPS, Hasanthi KB, Kankanamge SU, Kumari KDKP. A comparative study on in vitro antimicrobial potential of different parts of the medicinal plant *Wattakaka volubilis* (L.f.) Stapf. IUBMB Advanced School on Frontiers in Infection associated Cancer at Bangkok, Thailand. June 2018:16
5. Thilakarathne RMPS, Neranja AGK, Hasanthi KB, Kankanamge SU, Kumari KDKP. *In vitro* Antibacterial Activity of Aqueous and Methanolic Extracts of *Wattakaka volubilis* (L.f.) Stapf: A Sri Lankan Ethno medicinal Plant. International Conference on Natural Products 2018. Penang, Malaysia. March 2018:90
6. Kumari K.D.K.P., Handunnetti S.M., Suresh T.S. and Samarasinghe K. (2013), Effect of the Water Extract of Dried Flowers of *Aegle marmelos* on Fasting Serum Glucose Concentrations and Glucose Tolerance of Healthy Volunteers. International Conference on Pharmacognosy, Phytochemistry and Natural products. Hyderabad, India. October 2013: 61.
7. K.D.K.P. Kumari, S.M. Handunnetti, K. Samarasinghe and T.S. Suresh. The Stimulatory Effect of the Water Extract of Dried Flowers of *Aegle marmelos* in Healthy Humans. Third Euro-India International Conference on Holistic Medicine. Kerala, India. September 2013: 85-86.
8. Kumari K.D.K.P., Suresh T.S., Samarasinghe K., Handunnetti S.M. and Samaranyake T.S.P. Evaluation of a Traditional Sri Lankan Herbal Beverage (water extract of dried flowers of *Aegle marmelos*, *Bael* fruit) in Type II Diabetic Patients. 4th World Congress on Diabetes and Metabolism. Chicago-Northshore, USA. August 2013: 110.
9. Kumari K.D.K.P., Handunnetti S.M., Suresh T.S. and Samarasinghe K. The Effect of the Water Extract of Dried Flowers of *Aegle marmelos* on Production of Nitric Oxide by Rat Peritoneal Cells. Proceedings of 4th International Conference on Medicinal Plants and Herbal products. Maryland, USA. September 2012: 31.
10. Kumari K.D.K.P., Suresh T.S. and Samarasinghe K. Effect of Long Term Feeding of the Water Extract of Dried Flowers of *Aegle marmelos* in Wistar Rats. Proceedings of 11th Annual Oxford International conference on the Science of Botanicals. University of Mississippi. Mississippi, USA, April 2012. (*Planta Medica* 2012); 78; 497-552.

Experience in Laboratory Techniques

- Experience on animal handling, analysis of biochemical parameters in animal and human samples, ELIZA, Chromatographical methods, extraction of phytochemicals, etc. was obtained by hands on working experience as a full time research assistant/PhD student for 3 years at Department of Biochemistry, University of Sri Jayewardenepura and Institute of Biochemistry, Molecular Biology and Biotechnology, University of Colombo.
- Received a short term (2 months) technical training course in animal handling under the supervision of Dr. Mauri Thammatiyagoda, the head of the Animal Centre at Medical Research Institute, Colombo 08.
- Received a short term (6 months) technical training course in Histopathology and Hematology under the Senior Technical Officer of the Department of Pathology, Faculty of Medical Sciences, University of Sri Jayewardenepura.
- Experience on molecular laboratory techniques (such as DNA/RNA extraction and purification, Polymerase Chain reactions, Gel Electrophoresis, using purification kits, etc.) was obtained by hands on working experience as a Molecular Laboratory Technologist at Durdans Hospital from July 2007 to July 2008.
- Experience on laboratory management, such as applying quality assessment protocols and procedures, management of waste of the laboratory, techniques in recycling of used materials in the laboratory, maintaining documents/inventories, records and data bases, etc. was obtained by working as a Molecular Laboratory Technologist at Durdans Hospital from July 2007 to July 2008.
- Experience on microbiological laboratory methods in bacteriology, mycology, virology, etc. was obtained by hands on working experience during undergraduate Microbiology specialization and research project (one year).

Participated following Workshops:

- Workshop on Surveying and Evaluating Ethical Review Practices, conducted by Forum for Ethical Review Committees in the Asian and Western Pacific Region at Faculty of Medicine, University of Kelaniya on 24th June 2018.
- Asia Pacific Conference of Emerging Viral Infections, organized by Centre for Dengue Research on 19-20th 2017.
- Workshop on Surveying and Evaluating Ethical Review Practices, conducted by Forum for Ethical Review Committees in the Asian and Western Pacific Region. On 5th June 2016.
- Workshop on Vulnerability and Research Ethics, Organized by the Forum for Ethics Review Committees in Sri Lanka (FERCSL) on 28th March 2016.
- Workshop on Evaluation of Research Proposals by ERC's conducted by the Ethical Review Committee, Faculty of Medicine, KDU, on 16th of February.
- The pre-conference workshop (8th International Research conference) on Basic Medical Education was organized by Faculty of Allied Health Sciences in collaboration with Medical Education Development and Research Centre (MEDARC), University of Colombo on 25th of August 2015.
- Workshop on Issues related to the Ethics Review of Protocols- FERCSL 2015, organized by the Forum for Ethics Review Committees Sri Lanka (FERCSL), held at Medical Association on 24th of July 2015.
- Workshop on writing a high impact research article held on 09th and 10th July 2015 at the Hector Kobbakaduwa Agrarian research and Training Institute organized by Young Scientists Forum of the National Science and Technology commission.
- Workshop on Recent Advances in Medical Education conducted by the Faculty of Medicine held on 2nd and 23rd March 2015 at General Sir John Kotelawala Defence University, Sri Lanka.
- Workshop on Free Software for use in Higher Education and Research, organized by Section E2 of Sri Lanka Association for the Advancement of Science and Sri Lanka Association for Laboratory Animal Science, held on 18th July 2014 at Faculty of Applied Sciences, University of Colombo.

- Post conference workshop on Alternatives organized by Sri Lanka Association for Laboratory Animal Science, held on 26th January 2014, at Department of Physiology, Faculty of Medicine, University of Colombo.
- The Research Forum on Obesity organized by Research Committee, Faculty of Medical Sciences, University of Sri Jayewardenepura held on 25th of October 2013 at Faculty of Medical Sciences, University of Sri Jayewardenepura.
- Workshop on Basic Statistics organized by Section A, Sri Lanka Association for the Advancement of Science and Sri Lanka Association for Laboratory Animal Science, held on 11th and 13th June 2013 at Faculty of Medical Sciences, University of Sri Jayewardenepura.
- Workshop on Research Methodology organized by The Board of Study in Medical Sciences, Faculty of Graduate Studies, University of Sri Jayewardenepura held on 24th & 25th of November 2010 at Faculty of Medical Sciences, University of Sri Jayewardenepura.

Courses Followed for Continuous Professional Development:

- Postgraduate Certificate in Medical Education, conducted by Postgraduate Institute of Medicine (PGIM), University of Colombo.
- Participated one Week Hands-on Workshop on Human/Cancer Cell Culture Techniques & MTT Assay conducted at International center for stem cells, cancer and Biotechnology in Pune, India from 24th to 30th December 2018.
- Completed the training in the International Course on surveying and Evaluating Ethics Review Practices conducted by Forum for Ethics review committees in the Asian and Western Pacific region.
- Participated the IUBMB Advanced School 2018: Frontiers in infection associated cancer during 17-20 June 2018 at Chulalongkorn University, Bangkok, Thailand.
- Followed the first certificate course on Applied physiology of pain, analgesia, Anaesthesia and Euthanasia for laboratory animals conducted by Sri Lanka Association for Laboratory Animal Sciences in collaboration with the Comparative Biology Centre, Newcastle University, UK.
- Certificate course on Fundamentals of Molecular Biology and Biotechnology conducted by Agricultural Biotechnology Centre, Faculty of Agriculture, University of Peradeniya (100 hours).

- Certificate course on Computer Based Data Analysis, Conducted by Department of Decision sciences, Faculty of Management Studies and Commerce, University of Sri Jayewardenepura.
- 4th Annual International course on Introduction to Qualitative Methods for Health and Social Care Research conducted by Institute for Research and Development, Sri Lanka in collaboration with University of Cambridge UK, Keele University UK, Institute of Psychiatry, Kings College London UK, South Asian Hub Advocacy, Research and Education on Mental health (from 09th to 13th March 2016).
- The International Certificate Course on Laboratory Animal Science programmed based on FELASA cat C., conducted at the Faculty of Medicine, University of Colombo in collaboration with the Utrecht University, the Netherlands (from 28th November 2011 to 9th December 2011).

Contribution as a Reviewer

- Act as a Reviewer of Journal: Advances in Pharmacological Sciences (Hindawi).
- Act as a Reviewer of Journal: Jordan Journal of Biological Sciences
- Act as a Reviewer of Journal: Evidence-Based Complementary and Alternative Medicine (Hindawi).
- Act as a Reviewer of Research proposals that has been submitted to Ethics Review committee of the Faculty of Medicine, General Sir John Kotelawala Defence University
- Act as a Reviewer of abstracts and full papers submitted to International research conferences conducted by General Sir John Kotelawala Defence University (2017, 2018, 2019 and 2020)
- Act as a Reviewer of 75th Annual Sessions of Sri Lanka Association for Advancement of science, 2019
- Act as a Reviewer of ninth Young Scientist forum symposium 2019.
- Act as a Reviewer of 7th Annual Scientific Sessions of Sri Lanka Association for Laboratory Animal Science (SLALAS), 2020
- Act as a Reviewer of 76th Annual Sessions of Sri Lanka Association for Advancement of science, 2020
- Act as a Reviewer of 8th Annual Scientific Sessions of Sri Lanka Association for Laboratory Animal Science (SLALAS), 2021
- Act as a Reviewer of research proposal submitted to Internal research screening and monitoring Committee of Faculty of Allied Health sciences, General Sir John Kotelawala Defence University (2020)

Editorial work

- Act as the co-editor of KDU newsletter 2nd issue December 2019: ISSN 2682-7085
- Act as the co-editor of KDU newsletter 03rd issue June 2020: ISSN 2682-7085
- Act as a member of editorial committee of proceeding of 12th International Research Conference of Sir John Kotelawala Defence University.

Research Supervision

- Main supervisor- B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, "In vitro cysteine protease inhibitory activity of selected medicinal plants" (On going)
- Main supervisor- B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, "Comparative study on Aspartic protease inhibitors present in seeds of Cassia species growing in Sri Lanka"(On going)
- Co-supervisor- B.Sc.in Human Biology (Special Degree), Faculty of Medical Sciences, University of Sri Jayewardenepura. Titled, "The Antioxidant activity of raw and roasted black gram (Vigna mungo) cultivated in Sri Lanka " (completed)
- Co-supervisor- B.Sc.in Human Biology (Special Degree), Faculty of Medical Sciences, University of Sri Jayewardenepura. Titled, "Evaluation of the effect of different physical and chemical parameters on the in vitro protease inhibitor activity of Black Gram (Vigna mungo)" (completed)
- Main supervisor- B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, "A Comparative study on the Trypsin Inhibitory and antioxidant potential of four different cultivars of Vigna unguiculata (cowpea) growing in Sri Lanka." (completed)
- Main supervisor- B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, "An evaluation on the effect of processing on antioxidant activity of Sorghum cultivars growing in Sri Lanka" (completed)
- Main supervisor- B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, "The anti-oxidant activity of Aegle marmelos and Aloe barbadensis" (completed)
- Main supervisor- B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, "The anti-oxidant activity of *Aegle marmelos* and *Aloe barbadensis*" (completed)
- Main supervisor- B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, "Determination of Protease Inhibitory activity, Anti-microbial effect and Anti-inflammatory property of *Dioscorea spp*" (completed)
- Main supervisor- B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, "Evaluation of anti-oxidant and anti-proliferative activity of extracts of *Plumeria obtuse* and *Plumeria rubra*" (completed)
- Main supervisor- Bachelor of Pharmacy degree at Faculty of Allied Health Sciences, General Sir John Kotelawala Defense University, Titled "*In vitro* Antibacterial Activity

of Aqueous and Methanolic Extracts of *Wattakaka volubilis* (L.f.) Stapf: A Sri Lankan Ethnomedicinal Plant” (Completed)

- Main Supervisor - B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, “Evaluation of the Anti- Bacterial activity in different extracts of *Oldenlandia auricularia* (Gata kola) and *Ipomoea littoralis* (Thal kola)” (Completed)
- Main Supervisor - B.Sc.in Biomedical Sciences, British College of Applied Studies, Sri Lanka. Titled, “A comparative study on antioxidant and anti-inflammatory activity of different parts of *Talinum paniculatum* and *Plumeria Obtusa*” (Completed)
- Co-supervisor – BSc. in Applied Sciences, Faculty of Science, University of Colombo, Sri Lanka, Titled “An Investigation On The Level Of Absorption Of Heavy Metals And Radioactive Materials By *Sonneratia caseolaris* (L.) From Soil” (Completed)
- Co- Supervisor – MSc. In Nuclear Sciences, Faculty of Science, University of Colombo, titled “Study on transfer of natural radionuclides from soil to *Centella asiatica* (gotukola)” (Completed)
- Main Supervisor- Faculty of Allied Health sciences, General Sir John Kotelawala Defence University. Titled “Purification and characterization of the Aspartic Protease inhibitors from mushrooms in Sri Lanka” (on going)
- Co- Supervisor- Faculty of Medical Sciences, University of Sri Jayewardenepura, Sri Lanka, Titled, “Evaluation of therapeutic potential of protease inhibitors present in Sri Lankan cereals and pulses (family Leguminosae / Fabaceae and family Poaceae)” (on going)

Contribution to the institution Development

- Contributed for the curriculum revision of modules on Basic Sciences as a member of committee for curriculum revision of Basic Sciences of the Faculty.
- A member of Ethics Review Committee of Faculty of Medicine, KDU
- A member of Research Screening Committee of the Faculty of Allied Health Sciences
- A member of the committee for development of laboratory complex for Faculty of Allied Health Sciences