



Department of Chemistry
Faculty of Science / University of Peradeniya



Dr. Dimanthi R. Uduwela

B.Sc. (Perad.), Ph.D. (ANU, Australia)

Senior Lecturer

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🔗 #

Higher Education Qualifications

🎓 **PhD**

Australian National University
Australia
(2017)

🎓 **BSc**

University of Peradeniya
Sri Lanka
(2010)

Awards, Scholarships, Memberships & Fellowships



Charles Hocart Award for Academic Research Excellence by ThermoFisher Scientific (2015) – ACT Mass spectrometry symposium




Hayley's Award for the Best Performance in First Year Chemistry (2007) – University of Peradeniya









University Award for Academic Excellence in B.Sc. Special Degree Program in Chemistry (2011) – University of Peradeniya

Positions Held

-  Senior Student Counsellor- (January 2020 - To date)
-  Secretary - PGIS Curriculum Development Committee- (July 2020 - To date)
-  Co-coordinator - Advanced Course in Organic Chemistry (Postgraduate Institute of Science)- (January 2020 - To date)
-  Secretary - University of Peradeniya Science Alumni Association (UPSAA)- (January 2019 - January 2020)



My Teachings

-  AS434: Industrial Organic Chemistry
-  CH221: Organic Chemistry I
-  CH321: Chemistry of Biomolecules
-  CH351: Biological Chemistry I
-  CH426: Natural Product Chemistry
-  CH455: Biological Chemistry II

Research Interests (Research Fields/ Projects)

Enzyme engineering, bioactive natural products

Ongoing Research and Projects

-  **Determination of biological activities and chemical constituents of *Dendrophthoe falcata***
-  **Natural products incorporated biopolymers as wound dressings**

Key Publications



Nothing to show under this subheading !!!

Conferences



40th Lorne Conference on Protein Structure and Function

HELD AT : Lorne - Australia - (February 2015)

TOPIC : *Improving the Arylsulfatase from Pseudomonas aeruginosa for Anti-Doping Applications*



10th ACT Mass Spectrometry Symposium

HELD AT : Canberra - Australia - (November 2015)

TOPIC : *PaS performance is not an indicator of future performance: using LC-MS to engineer the Pseudomonas aeruginosa arylsulfatase for anti-doping applications*



The Royal Australian Chemical Institute Organic One-Day Symposium

HELD AT : Canberra - Australia - (December 2014)

TOPIC : *A Steroid Sulfatase for Anti-Doping*



Asian Symposium on Medicinal Plants, Spices and other Natural Products XVI

HELD AT : Colombo - Sri Lanka - (December 2018)

TOPIC : *A comparison of bioactivity of the hemi-parasite Dendrophthoe falcata on the host plants Limonia acidissima and Mangifera indica*

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/chemistry/staff/Dimanthi-Uduwela>