

**Ms. E.A.L Lochana**  
**Lecturer (Probationary)**

Department of Export Agriculture  
Faculty of Animal Science and Export Agriculture  
Uva Wellassa University

Passara Road, 90000 Badulla, Sri Lanka

**E-mail:** lochana.92@yahoo.com

**Phone:** +94 711434406

**Fax:** +94 55 2226472



## 1. PROFILE

A Researcher and a Scientist specialized in the field of Chemistry with research interests on Polymer and Nanotechnology interface. The objective is to develop chemistry to simulate the real-life problems related to Organic chemistry, Polymer chemistry and Nanotechnology. I am a dedicated and hardworking person who aims for organizational development and social wellbeing.

## 2. EDUCATIONAL QUALIFICATIONS

- 2013-2016 Bachelor of Science (Special)  
Second Class Upper Division- GPA of 3.59/4.00 (English Medium)  
Specialization area- Chemistry  
University- University of Ruhuna, Sri Lanka  
Department- Chemistry

## 3. PUBLICATIONS

### *Abstracts*

- Mekala L.K.D., Ariyasinghe H.A.E.N., Lochana E.A.L., Alakolanga A.G.A.W.,2019. Comparison of Oil Yields and Chemical Composition of Selections of *Cymbopogon winterianus* and *Cymbopogon nardus*,International Research Conference 2019.Uva Wellassa University.
- Dissanayake R.M.T.,Samaraweera T.M.,Lochana E.A.L., Alakolanga A.G.A.W.,2019. Optimization of glove mixing process of gammex powder free (GPF) product to overcome scum formation, International Research Conference 2019.Uva Wellassa University.
- Perera C. J., Kularatne s., Alakolanga A. G. A. W., Lochana E. A. L.,2019. Determination of optimum antioxidant ratio for effective resistance on aging of natural rubber based solid tire tread compound, International Research Conference 2019.Uva Wellassa University.
- Edirisinghe A. L. L., Shriya H. Wadumethrige., 2018.Stability of Iodate in Iodized Salt, A Dietary Supplement, Under Different Environmental Conditions, 16<sup>th</sup> Academic Session. University of Ruhuna.

## 4. RECENT RESEARCH PROJECTS INVOLVED

- “Environmental Impacts of Paddy Cultivation using Conventional Farming in Yala season at Uva region”

## 5. THESIS SUPERVISION

- Determination of optimum antioxidant ratio for effective resistance on aging of natural rubber based solid tire tread compound
- Optimization of glove mixing process of gammex powder free (GPF) product to overcome scum formation
- Determination of Chemical Properties of *Garcinia quaesita* Pierre at Different Locations in Sri Lanka
- Comparison of Oil Yields and Chemical Composition of Selections of *Cymbopogon winterianus* and *Cymbopogon nardus*

## 6. TEACHING CONTRIBUTION

- Basic Organic Chemistry
- Polymer Chemistry
- Applications and Nanotechnology in Palm and Latex products
- Instrumentation in Agricultural Research

## 7. WORK EXPERIENCE

- Lecturer (Probationary) in Department of Export Agriculture, Uva Wellassa University (October 2018 – Present)
- Teacher (A/L Chemistry) in a national school (B/Saraswathy central college) (January 2018 to September 2019)
- A temporary demonstrator at the Department of Chemistry, University of Ruhuna (January 2017 – December 2017)

## 8. OTHER POSITIONS HELD

- Industrial Training Program Coordinator-Palm and Latex Technology and Value Addition

## 9. RESOURCE PERSON

- G.C.E A/L Chemistry teachers training programme-2017 jointly organized by southern provincial department of Education & university of Ruhuna
- Invention and Innovation Exhibition 2015- University of Ruhuna, Sri Lanka.

## 10. TRAININGS AND WORKSHOPS ATTENDED

- Two-day Workshop on “Hands on Workshop for Material Characterization” (11<sup>th</sup>-12<sup>th</sup> January 2019)
- Certificate course on Teaching in higher education 2019, Uva Wellassa University, Sri Lanka
- Workshop on New product commercialization and intellectual property rights Uva Wellassa University, Sri Lanka

## **11. PERSONAL INFORMATION**

- Surname : Edirisinghe Arachchilage
- Name : Lakmini Lochana
- Gender : Female
- Date of Birth : 14/01/1992
- Marital Status : Married
- Nationality : Sri Lankan