

**Ms. A.M.GAYATHRI RATHNAYAKE**  
**Lecturer (Probationary)**

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## **1. PROFILE**

A scientist, researcher and new food product developer related to tea and other herbal infusions with research interest on new product development using naturally occurring functional nutraceuticals. The objective is to utilize knowledge towards a challenging career in growth oriented and leading edge that will provide mutual benefits and where from I can utilize my capabilities to the fullest benefits of the organization and society.

## **2. EDUCATIONAL QUALIFICATIONS**

- 2019- Up to now      Master of Food Science and Technology ( Reading)  
Post Graduate Institute of Agriculture  
University of Peradeniya,  
Sri Lanka
- 2014 – 2018 -      Bachelor of Agriculture Specialized in Plantation Management  
First Class with 3.76/ 4 GPA  
Faculty of Agriculture and Plantation Management  
University of Wayamba

## **3. ACADEMIC HONOURS (AWARDS, RECOGNITIONS AND SCHOLARSHIPS)**

- Hayles gold medal for best aggregate in Department of plantation management, Wayamba University of Sri Lanka (2018)
- Best presenter/Best Research of 74<sup>th</sup>. Annual Sessions of Sri Lanka Association for the Advancement of Science (Section B) (2018)
- Dean's List honors for best performance in year 2017, Wayamba University of Sri Lanka
- Best presenter/Best Research of 16th Agricultural Research symposium, Wayamba University of Sri Lanka (2017)
- Best presenter of 73<sup>rd</sup>. Annual Sessions of Sri Lanka Association for the Advancement of Science (Section B) (2017)

## 4. PUBLICATIONS

### 4.1 Peer Reviewed Journal Articles

- Rathnayke, A.M.G.N, Abeysinghe, D.C, Dharmadasa, R.M, Prathapasinghe, G.A and Jayasooriya, L.J.A.P.A. 2017. Phytochemical, Physiochemical and mineral contents of domesticated and non - domesticated populations of *Momordica charantia* L. seeds harvested at two maturity stages. *World journal of Agricultural Research* .2018, Vol. 6, No. 3, P 77-81 <http://www.sciepub.com/wjar/abstract/9035>

### 4.2 Abstracts/Extended Abstracts

- Rathnayke, A.M.G.N, Abeysinghe, D.C, Dharmadasa, R.M, Prathapasinghe, G.A and Jayasooriya, L.J.A.P.A. 2019. A comparison of levels of  $\alpha$ - eleostearic acid, a conjugated fatty acid with anti-cancer properties in domesticated and non-domesticated populations of *Momordica charantia* L. *Proceedings of 75 th Annual Sessions of Sri Lanka Association for the Advancement of Science*. P 30
- Rathnayke, A.M.G.N, Abeysinghe, D.C, Dharmadasa, R.M, Prathapasinghe, G.A and Jayasooriya, L.J.A.P.A. 2017. Phytochemical, Physiochemical and mineral contents of domesticated and non - domesticated populations of *Momordica charantia* L. seeds harvested at two maturity stages. *Proceedings of 16th Agricultural Research symposium, Wayamba University of Sri Lanka*. P 625-629
- Withanage, K.K.S, Rathnayake, G, Abeysinghe, D.C, Dharmadasa, R.M. 2017. Screening of domesticated and on domesticated *Momordica charantia* populations by means of morphology, nutrient content and antioxidant capacity. *Proc.5th ICAUST international conference, Colombo, Sri Lanka*
- Rathnayke, A.M.G.N, Abeysinghe, D.C, Dharmadasa, R.M, Prathapasinghe, G.A and Jayasooriya, L.J.A.P.A. 2017. Physiochemical Contents of Domesticated and Non Domesticated Populations of *Momordica charantia* L. Seeds Harvested at Two Maturity Stages. *Proceedings of Tradmed International Research Symposium 2017*. P129.
- Rathnayake,G,Abeysinghe ,D.C,Dharmadasa, R.M, Prathapasinghe, G.A and Jayasooriya, L.J.A.P.A.,2017. Variation of phytochemical content and antioxidant capacity of domesticated and non - domesticated populations of *Momordica charantia* L. fruits harvested at two Maturity Stages. *Proceedings of 73 rd Annual Sessions of Sri Lanka Association for the Advancement of Science* .P24
- Withanage, K.K.S, Rathnayke, A.M.G.N, Abeysinghe, D.C, Dharmadasa, R.M, Prathapasinghe, G.A and Jayasooriya, L.J.A.P.A. 2017. Phytochemical contents and antioxidant capacity of different parts of *Momordica charantia* L. *Proceedings of 73 rd Annual Sessions of Sri Lanka Association for the Advancement of Science*. P25
- Rathnayake,A.M.G.N., Abeysinghe, D.C. and Dharmadasa, R.M. (2018).Phytochemical and Physiochemical Compositions of Fruits and Leaves of *Momordica dioica* Roxb. Ex.Willd and *Momordica charantia* L. *Proceedings of 74 th Annual Sessions of Sri Lanka Association for the Advancement of Science*. P24.

- Rathnayake, A.M.G.N, Abeysinghe, D.C. and Dharmadasa, R.M. (2018).Phytochemical and Physiochemical Compositions of Fruits and Leaves of Momordica dioica Roxb. Ex.Willd .Proceedings of 74 th Annual Sessions of Sri Lanka Association for the Advancement of Science. P114.
- Rathnayake, A.M.G.N., Abeysinghe, D.C. and Dharmadasa, R.M. (2018). Proximate and mineral compositions of domesticated and non- Domesticated Populations of Momordica charantia L. Seeds Harvested at Two Maturity Stages. Proc.5th ICAUST international conference, Colombo, Sri Lanka, P102

## **5. WORK EXPERIENCE**

- Lecturer (Probationary),  
Faculty of Animal Science and Export Agriculture  
Department of Export Agriculture Uva Wellassa University, Sri Lanka  
(October 2018 to present)
- Executive New Product Innovation Cum Microbiologist and Chemical Analyst  
Basilur Tea Exports Pvt Ltd cum Labzone Testing Laboratory  
(November 2017 – October 2020)

## **6. OTHER POSITIONS HELD**

- Rapporteur  
Sri Lanka Associations of Advancement of Science / Section B- 2020
- Secretary  
Plantation Society of Agriculture and Plantation Management  
Wayamba University (2016- 2017)
- Excecutive Committee Member – 16<sup>th</sup> Agriculture Research Symposium  
Faculty of Agriculture and Plantation Management  
Wayamba University (2016-2017)

## **7. TRAININGS AND WORKSHOPS ATTENDED**

- Training on Laboratory Accreditation Process Review - Sri Lanka Accreditation Board – January 2019
- Workshop on Uncertainty Measurement Calculation – Industrial Technological Institute – March 2018
- SLAAS Theme Seminar –December 2017
- Tradmed International Research Symposium 2017

## **8. SCIENTIFIC SOCIETIES MEMBERED**

- SLAAS Section B

## **9. PERSONAL INFORMATION**

Surname : Rathnayake  
Name : Gayathri  
Gender : Female  
Date of Birth : 91/08/18  
Marital Status : Married  
Nationality : Sri Lankan