

**SULAIMA LEBBE RASMIYA BEGUM**

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Sex: Female

NIC No: 877280446V

Civil Status: Single

Nationality: Sri Lankan

**Career Objective:**

Being an excellent academic professional at the national university of Sri Lanka where my wider knowledge, laboratory analyzing skills, experience in researches and academic writing on interested, specialized area could be utilized efficiently for progressive development of nation via university system.

**Educational Qualifications:**

**M. Sc in Plant Biology, Conservation and Breeding (Reading)**

**Intake: 2017**

*University of Peradeniya, Sri Lanka*

**Bachelor of Science in Agriculture (1<sup>st</sup> Class, GPA-3.8/4.0)**

**Duration: 2009-2014**

*Eastern University of Sri Lanka*

**Specialization: Food Science and Technology**

**GCE (Advanced Level)**

**August 2008**

Mahmud Ladies College, Kalmunai

**Average Z. Score (1.2126)**

Results obtained:

Chemistry (B), Biology (B), Physics (C), General English (C) and Common General Test (60).

**GCE (Ordinary Level)**

**December 2003**

Mahmud Ladies College, Kalmunai

Results obtained:

Religion- Islam (A), Science & Technology (B), English (A), Mathematics (B), Tamil Language & Literature (A), Health & Physical Education (A), Social Studies & History (A), Arabic Literature (C), Agriculture (C) and Art (S)

**Professional Qualifications:**

**Diploma in Food Safety**

**Admission: 2014**

Awarded by ALISON, Galway, Ireland

**Diploma in Quality Management (Reading)**

**Admission: 2014**

By ALISON, Galway, Ireland

**Diploma in English Language and Literature (Reading)**

**Admission: 2014**

By ALISON, Galway, Ireland

**Work Experience**

Work as Lecturer (Probationary) in Biosystems Engineering at Department of Biosystems Technology, Faculty of Technology, South Eastern University of Sri Lanka from 28<sup>th</sup> January, to date.

Worked as a Temporary Demonstrator in Biosystems Technology in Department of Biosystems Technology, Faculty of Technology, South Eastern University of Sri Lanka from 25<sup>th</sup> October, 2017 to 26<sup>th</sup> October, 2018.

Worked as a Temporary Demonstrator in Crop Production Technology in Department of Biosystems Technology, Faculty of Technology, South Eastern University of Sri Lanka from 24<sup>th</sup> October, 2016 to 24<sup>th</sup> October, 2017.

Worked as a lecturer in Agriculture in school of Agriculture, Vavuniya from 01.04.2016 to 28.10.2016. Lectured subjects-Horticultural Crop Production, Nursery Management and Plant Breeding.

Worked as a volunteer teacher for Agricultural Science at Mahmud Ladies College Kalmunai during weekends. (From 2013.01.05 to 2014.12.28).

### **Interested Disciplines**

Crop improvement and breeding  
Nanotechnology  
Genetics and Genetic Engineering  
Food product development and analysis

### **Publications**

#### **Books**

Rasmiya Begum. S.L. and Mubarak, A. N.M. (2018). Principles and Techniques for Managing Melon Fruit Fly (*Bactrocera cucurbitae*) in Cucurbits, Sri Lanka.

### **Full Articles**

#### **Journals**

Rasmiya Begum.S.L., Lakmali, R.G., Premakumar. K. and Senaratna S.M.A.C.U. (2018). Preparation and evaluation of physico-chemical and sensory qualities of pumpkin tomato vegetable squash. *Research Journal of Agriculture and Forestry Sciences*, 6(7)., 1-6.

Rasmiya Begum S.L. Premakumar, K. and Duminda (2018). Assessment of nutritional status among pre-school children aged between 3-5 years in Mahiyanganaya D.S Division. *International Research Journal of Social Sciences*, 7(4)., 1-5.

### **Proceedings of Conferences and Symposium**

S. L. R. Begum, E. Pavithira and A. N. M. Mubarak (2018). Contribution of growth and physiological characteristics in yield of field grown rice varieties in low country dry zone. 8<sup>th</sup> International Symposium, South Eastern University of Sri Lanka, Oluvil, Sri Lanka. *[Waiting for acceptance]*

Rasmiya Begum S.L. and Mubarak. A.N. M. (2017). Assessment of rice (*Oryza sativa*) diseases in selected G.N. divisions in Batticalo district. In: Safeena M.I.S. and Jazeel M.I.M. (Eds.), *Multidisciplinary Research for Sustainable Development: Proceeding of 7<sup>th</sup> International Symposium*, pp 237-242, South Eastern University of Sri Lanka, Oluvil, Sri Lanka. **ISBN:978-955-627-128-1.**

Rasmiya Begum S.L. and Premakumar, K. (2017). Formulation and Nutritional Analysis of Bitter Gourd- Amla -Lemon Functional Beverage during Storage at Ambient Temperature. In: Murugupillai. R and Sathaananthan.T. (Eds.): *Nurturing a Conducive Environment for Healthier Future*: Proceeding of 17<sup>th</sup> Annual Research Session, pp 1-8, Faculty of Health Care Science, Eastern University of Sri Lanka. **ISSN 1800-4539**.

Rasmiya Begum S.L. Shireen M.I.S. and Premakumar, K. (2016). Preparation and Storage Potentiality of Value Added Products of Papaya-Variety; Red lady. In: *Challenges in Tropical Agriculture for Sustainable Food Supply*: Proceeding of 2<sup>nd</sup> National Symposium on Agriculture, pp 69-74. Faculty of Agriculture, Eastern University of Sri Lanka. **ISBN:978-955-1443-82-5**.

Rasmiya Begum S.L. and Premakumar, K. (2015). Development and quality evaluation of bitter gourd-amlalemon functional beverage. In: *Diet and Healthy Lifestyle in the Prevention and Control of Non-Communicable Diseases*: Proceedings. International Conference, pp146-154. Women's Christian College, Chennai. **ISBN:978-93-82010-28-9**.

### **Abstracts**

Rasmiya Begum S.L. and Mubarak. A.N. M. (2017). Assessment of rice (*Oryza sativa*) diseases in selected G.N. divisions in Batticalo district. In: Safeena M.I.S. and Jazeel M.I.M. (Eds.), *Multidisciplinary Research for Sustainable Development*: Proceeding of 7<sup>th</sup> International Symposium, 31pp, South Eastern University of Sri Lanka, Oluvil, Sri Lanka. **ISBN:978-955-627-119-5**.

Rasmiya Begum S.L. and Premakumar, K. (2017). Formulation and Nutritional Analysis of Bitter Gourd- Amla -Lemon Functional Beverage during Storage at Ambient Temperature. In: Murugupillai. R and Sathaananthan.T. (Eds.): *Nurturing a Conducive Environment for Healthier Future*: Proceeding of 17<sup>th</sup> Annual Research Session, 14pp, Faculty of Health Care Science, Eastern University of Sri Lanka.

Rasmiya Begum S.L. and Premakumar, K. (2017). Study on Acceptability of Bitter Gourd-Amla-Lemon Functional Beverage at Ambient Temperature. In: *Sustainable Development through Multidisciplinary Research*: Proceeding of 4<sup>th</sup> International Conference on Multidisciplinary Approaches, 44pp, Faculty of Graduate studies, University of Jeyawardanapura. **ISSN: 2386-1509**.

Rasmiya Begum S.L. and Premakumar, K. (2017). Understanding of Storage Stability of Bitter Gourd-Indian gooseberry-Lemon Functional Beverage during Storage using Chemical Quality Evaluation. In: Kanasingham. V. (Ed.): *Exploiting the Resources for Better Tomorrow*: Proceeding of 2<sup>nd</sup> International Research Conference, 01pp, Trincomalee Campus, Eastern University of Sri Lanka. **ISBN:978-955-1443-87-0**.

### **Thesis**

Rasmiya Begum S.L. (2014). Study of Functional Beverage Prepared from Bitter gourd, Amla and Lemon Juices for Diabetes. B.Sc. Thesis. Faculty of Agriculture, Eastern University, Sri Lanka, 108pp.

## **Ongoing works**

### **Review Article:**

Nanotechnology for Gene Transformation in Plants [*Expected publish by June, 2019*]

## **Skills**

### **On Site, Field and Laboratory Skills: -**

DNA extraction and quantification

Germplasm exploration and conservation techniques

Sample (Plant, Food, Soil) analysis for physico-chemical, microbiological and organoleptic characteristics.

Questionnaire survey and data collection

Number of scientific equipment and tools handling experience

### **Communication and interpersonal skills:-**

- Have capacity in underpinned by transferable skills in and knowledge of leadership, teamwork, networking and liaison abilities, as well as the dynamics of collaborative processes in an organization with civilians.
- Have good experience with critical negotiation between multi personality and different cultured people.
- Have ability of self-motivated and autonomous of working under pressure situation.
- Have capacity for strong multi-tasking skills in efficient and timely manner.

**Language skills:** Tamil- full professional proficiency

English- professional working proficiency

Sinhala- limited working proficiency

### **Presentation and report writing skills:**

- Having ability to write minutes on Technical Evaluation Committee meetings
- Having ability to prepare proposals, reports, budgets wherever and whenever needed by the management of the department and university.
- Have an ability to present the progress of a project and analyzed report by using multimedia such as power point.
- Have a good command and well attitude in English with the incorporation between multi personality and multi-cultural people.

### **Computer skills:**

- Proficient in Microsoft word, excel and power point, access, outlook, Photoshop, internet and email.
- Analytical ability by using statistical analytical system (SAS), MINITAB and SPSS soft wares.
- WPM: 30-35.

## **Relevant Activities/ Extracurricular Activities**

- Member of organizing committee for the workshop on “Gherkin Cultivation and Responsible Farming”, collaboratively conducted by Department of Biosystems Technology, Faculty of Technology, SEUSL and Hayleys (pvt) Ltd Company.

- Performed as anchor for official events of Faculty of Technology, SEUSL such as inauguration ceremony of Agro-Tech Park, Freshers' orientation, workshop.
- Actively performed in farm practice course including crop cultivation, broiler production, livestock management and dairy processing during 3<sup>rd</sup> year of academic studies.
- Have ability in organic and inorganic farming with integrated farming ability in home garden level as well as commercial level.
- Effectively participated in the workshop on "People Friendly Interpersonal Skills" organized by career guidance unit, eastern university, Sri Lanka (6<sup>th</sup> October, 2010).
- Successfully followed the course of training on Operation and Maintenance of Farm machinery at Farm Mechanization Training Centre Anuradhapura (18<sup>th</sup> march to 22<sup>nd</sup> march, 2013).
- Senior co-coordinator prefect in school period (2004-2006)
- Obtained first prize in copy writing, dictation and speech in English day competition in school, zonal and district level (1998-2000).

### **Referees**

Dr. K. Premakumar

Senior Lecturer (Gr I) in Food science and Technology,  
Department of Agricultural Chemistry,  
Faculty of Agriculture,  
Eastern University,  
Sri Lanka.  
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Dr. U. L. Abdul Majeed

Head/ Dept of BST  
Senior Lecturer (Gr II) in Food science and Technology,  
Department of Biosystems Technology,  
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