

# DR. H.H.S.R. SAMARASIRI

---

Date of Birth: 11<sup>th</sup> Jan 1987

Phone: +94 112 674466, +94 77 3628983

[supems@uom.lk](mailto:supems@uom.lk), [supems@gmail.com](mailto:supems@gmail.com)

## Research Interests

---

- Real Analysis
- Potential Theory
- Steady State Heat Distribution
- Statistics
- Complex Analysis
- Differential Equations
- Mathematical Logic
- Mathematical Modelling

## Employment

---

### **Senior Lecturer Grade II (Permenant)**

**Aug 2022 - Present**

*Department of Mathematics – University of Moratuwa, Sri Lanka*

- Subjects Taught: Linear Algebra(MA 2033), Calculus(MA 2023), Graph Theory(MA 2054), Numerical Methods(MA 3024), Real Analysis Part (MA 1014)
- Mentor for intake 2022.
- Semester coordinator semester 5 2023.

### **Senior Lecturer Grade II (On Contract)**

**Nov 2020 - Nov 2021**

*Department of Mathematics – University of Moratuwa, Sri Lanka*

- Subjects Taught: Linear Algebra(MA 2033), Calculus(MA 2023)

### **Teaching Assistant**

**Sep 2014 - Dec 2019**

*Department of Mathematics – Texas Tech University*

- Conducting lectures for freshman level courses: Precalculus, College Algebra.
- Grading for professors.
- Preparing online course material as a summer project.
- Tutoring at the tutoring center located at the Department of Mathematics.

### **Temporary Instructor**

**Feb 2012 - Jun 2014**

*Department of Mathematics – University of Moratuwa, Sri Lanka*

- Subject Areas: Real Analysis, Mathematical Logic, Matrix Theory, Numerical Methods, Differential Equations, Basic Probability and Statistics.
- Preparing assignment questions.
- Coordinating classes, Grading homework and exams, Proctoring exams.

### **Trainee Electronics Engineer**

**Nov 2008 - May 2009**

*Airport and Aviation Services (Sri Lanka) Ltd - Katunayake, Sri Lanka.* As a requirement for the B.Sc. Engineering degree at the University of Moratuwa, Sri Lanka.

## Education and Qualifications

---

### ***Staff Development Program for Probationary Lecturers***

***July 2023***

*University of Kelaniya*

Accredited by the UGC Sri Lanka as an induction program for academic staff of Sri Lankan Universities.

### ***Ph.D. in Mathematics***

***Dec 2019***

*Texas Tech University*

- Dissertation: Harmonic Measure and its Applications to Steady State Heat Distribution.  
Advisor: **Dr. Alexander Yu. Solynin.**

### ***Master of Science in Mathematics***

***Aug 2016***

*Texas Tech University*

### ***ITA Summer Workshop - Texas Tech University***

***Aug 2014***

Successfully completed the mandatory English training and classroom communication skills workshop for new international teaching assistants.

### ***TOFEL (Test of English as a Foreign Language)***

***Dec 2013***

Reading: 28, Listening: 27, Speaking: 23, Writing: 27

### ***GRE subject test in Mathematics***

***Apr 2013***

Scaled Score: 700 (Percentile Rank: 61%)

### ***B.Sc. Eng. (Hons) in Electronic and Telecommunication Engineering***

***Dec 2011***

*University of Moratuwa, Sri Lanka*

- Final Year Project: Synchronized 3D Bio Medical Image Viewer for Distant Radiology Consultations. As a requirement for the B.Sc. Engineering Degree.
- Industrial Training: Trainee Electronics Engineer at Airport and Aviation Services (Sri Lanka) Limited from November 2008 to May 2009.

### ***G.C.E. Advanced Level Examination (SL) - Physical Sciences Stream***

***2005***

*Royal College - Colombo, Sri Lanka*

- Subjects: Combined Mathematics(A), Physics(A), Chemistry(B)
- National Percentile Rank: 98% (Z-Score: 2.1116)

## Scholarships, Awards and Competitions

---

- Ronald M. Anderson Scholarship for full-time mathematics graduate students at Texas Tech University for academic year 2015-2016.
- Dean's List for semester 2 in the Engineering Faculty, University of Moratuwa, Sri Lanka for obtaining a semester GPA of 3.93/4.20.
- Dean's List for semester 1 in the Engineering Faculty, University of Moratuwa, Sri Lanka for obtaining a semester GPA of 3.99/4.20.
- Obtained High Distinction at Sri Lankan Mathematics Competition 2006 organized by the Sri Lanka Olympiad Mathematics Foundation representing Royal College - Colombo 07.
- Received first place in the Inter-Class Mathematics Competition 2004 organized by the Royal College Mathematics Society

## Skills

---

- **Mathematica**
- **Maple**
- **LaTeX**
- **Matlab**
- **C**

## Publications

---

- Supem Samarasiri and Alexander Yu. Solynin, *Harmonic measure of arcs of fixed length*. (2019).

## Conference Attendance

---

- ICM 2018 Satellite Meeting, University of Miami, July 26-29, 2018.
- AMS Fall Eastern Sectional Meeting, University at Buffalo, State University of New York, September 16-17, 2017
- Midwestern Workshop on Asymptotic Analysis, Indiana University–Purdue University Indianapolis, October 6–8th, 2017

## Professional Organizations

---

- American Mathematical Society (2015 – present)
- Society for Industrial and Applied Mathematics (SIAM) – TTU (2015 – present)

## Hobbies

---

- Photography
- Traveling
- Reading
- Music
- Volleyball

