

H. K. SIYAMBALAGODA

2830 Lake Road Apt 201, Huntsville, TX 77340
(936) 333 7989 / hks004@shsu.edu

EDUCATION

08/05/2016 Sam Houston State University, Huntsville, Texas
Masters of Science in Chemistry, GPA: 3.51

05/31/1994 University of Sri Jayawardenapura, Sri Lanka
Bachelor of Science (Honors) in Chemistry

TEACHING EXPERIENCE

10/01/2016 to Present Sam Houston State University, Chemistry Department, Huntsville, Texas
Laboratory Coordinator —Chemistry 1406 & 1407

9/14 to 5/16 ***Teaching Assistant***

- Taught Advanced Analytical Lab for fourth year students
This lab assigned the teaching with use of several advanced analytical instruments: AAS, ICP-AES, GC-MS, GC-SCD and UV-vis
- Taught General and Organic Chemistry Labs using multimedia
- Experienced in tutoring interactively (students as customers)

01/94 to 12/94 Sri Jayewardenapura University, Chemistry Department, Colombo, Sri Lanka
Teaching Assistant

- Taught in general and organic chemistry laboratories

RESEARCH & TEACHING LABORATORY EXPERIENCE

9/14 to 5/16 Sam Houston State University, Chemistry Department, Huntsville, Texas

- Supervising students individually for their performance and safety, and scheduling their experiments as required
- Maintaining healthy inventory in research lab by ordering requirement
- Following lab safety procedures/codes and good sanitization practices
- Working with OHSAS and ISO Quality Management Systems

OTHER WORK EXPERIENCE

10/10 to 6/14 Detcon Inc. (www.detcon.com), The Woodlands, Texas
Electronic Calibration Technician

01/98 to 08/09 Raigam, Inc. (www.raigam.lk), Colombo, Sri Lanka
Senior Production Manager

01/97 to 01/98 Ocean Lanka (Pvt.) Ltd., Biyagama in Industrial Zone, Sri Lanka
Management Trainee

RESEARCH ***Master's Thesis***

09/14 to 06/16 *Decomposition of CdSe Quantum Dots by E. coli and Antarctic Bacterium*
Department of Chemistry, Sam Houston State University, Texas, USA
The experiments in this research were mostly involved in use of following analytical instruments: GC-SCD, Varioskan multimode multi wells robotic reader, GC-MS and Fluorescence and UV-vis spectrometer

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SUPERVISED PROJECTS (AS EXTERNAL SUPERVISOR)

- 01/2003 to 10/2003 ***Undergraduate Research Project*** conducted by R & D department, Raigam Inc.
Identification of Suitable Chemical Treatment of Preservatives to Minimize Mold Growth in Dehydrated Jack Seeds. Department of Agriculture, Wayamba University, Sri Lanka
- 01/2005 to 12/2005 ***Undergraduate Research Project*** conducted by R & D department, Raigam Inc.
Identification of the Best Method of Processing for Rice String Hopper Flour with Optimum Quality Characteristics. Department of Food Science and Technology, Sabaragamuwa University, Sri Lanka

PROFESSIONAL TRAINING COURSES

- 2012 ***ISO 9001:2008 Lead Auditor Training Course***, Caliso, USA
- 1999 ***Diploma in Quality Assurance***, Sri Lanka Institute of Standards (SLS), Colombo, Sri Lanka
- 2008 ***Training Program on Internal Quality Auditing***, SLS, Colombo, Sri Lanka
- 2006 ***Course in Modern Cosmetics***, Natural & Modern Cosmetic Inc., Simile, India
- 2005 ***Cookies & Crackers Course***, conducted by US Wheat Associates, Bangkok, Thailand
- 2004 ***Training in Flavors Mixing***, AB Mauri Flavor Inc., Bangalore, India

FOREIGN VISITS

- 2003 and 2004 ***Indian Food Machinery and Flexible Packaging Exhibition***, New Delhi, India
- 2003 ***FFS Machinery Manufacturers and Flexible Packaging Plants*** in New Delhi, Faridabad, Bangalore and Chennai, India

AWARDS/ACTIVITIES

- Bridge Program Scholarship 2015-2016
- Graduate Bearkat Grant 2015-2016
- Graduate Student Scholarship in 2014
- Bridge Program Community Activities

COMPUTER SKILLS

MS Word, MS Excel, MS PowerPoint, and Adobe Fireworks

REFERENCES

Available upon request