** SAPUMOHOTTI**

**SAPUMOHOTTI.115258@2freemail.com**

**CAREER OBJECTIVE**

***“My objective is to give my best to the company in striving to achieve its goals and objectives while improving my career by utilizing my skills, experience and knowledge that I have gained through professional and academic affiliations”***

**TEACHING experience**

**Location:** Colombo South International Collage, Colombo-Sri Lanka

**Position:** *Teacher in Chemistry (Advanced Level)-Edexcel and Cambridge Syllabus*

**Duration:** 2015 January to 2016 June

**Scope of Work**

* Develop schemes of work, lesson plans and deliver instructional activities that facilitate active learning experiences
* Establish and communicate clear objectives for all learning activities
* Use relevant technology to support instruction
* Assign and grade class work, homework, assignments and semester examinations
* Participate in extracurricular activities such as social activities, sporting activities, clubs and student organizations
* Participate in department and school meetings, parent meetings
* Communicate necessary information regularly to students, colleagues and parents regarding student progress and student needs
* Keep updated with developments in subject area, teaching resources and methods and make relevant changes to instructional plans and activities

**Location:** Department of Chemistry, University of Sri Jayewardenepura-Sri Lanka

**Position:***Teaching Assistant* - Coordination, demonstration, and evaluation of the laboratory sessions as an instructor for MSc (Industrial Analytical Chemistry) graduate students and inorganic chemistry courses for 1st, 2nd and 3rd year undergraduates.

**Duration:** 2014 February to 2015 January

 **Scope of Work**

 **B.Sc. (Special) Degree / B.Sc. (General) Degree - Inorganic Chemistry Laboratory**

* Designing of practical sessions
* Delivering lectures in laboratory sessions for undergraduate students
* Demonstration of practical classes
* Conducting practical examinations
* Grading practical reports

 **M.Sc. in Analytical Chemistry**

* Delivering lectures in laboratory sessions for undergraduate students
* Demonstration of practical classes
* Preparation of schedules
* Conducting practical examinations
* Grading practical reports
* Invigilating university examinations

**Location:** Russian Educational Centre, Colombo-Sri Lanka (Collaborated with Three Medical Universities in Russia)

**Position:** *Visiting Lecturer in Bio chemistry and Medicinal Chemistry /Student Counsellor*

**Duration:** 2013 January to 2016 June

**Scope of Work**

* Conducting lectures related to the Bio chemistry / Medicinal Chemistry to the undergraduate students.
* Preparation of papers and invigilating examinations
* Consulting of student carrier guidance and interpersonal relationship development.

**ACADEMIC QUALIFICATIONS**

**B.Sc. Special Honors Degree in Chemistry (Second Class Upper Division)**

University of Sri Jayewardenepura, Faculty of Applied Sciences, Sri Lanka (2014)

Overall GPA: 3.5

Chemistry (major), Botany and Forestry and Environmental Sciences (minor)

**RESEARCH EXPERIENCE AND PUBLICATIONS**

2012-2013 Independently administered research task completed as a partial requirement of completion of Chemistry Special Degree which I obtained a ‘**B+**’ grade and was selected and published in Journal of Institute of Chemistry Ceylon (ICHEM) in 2015

* **Dissertation Title:** Chemical and Microbiological Analysis of Toothpaste Available in Leading Supermarkets in Sri Lanka.
* **Supervisor**: Prof. S.P. Deraniyagala
* **Outline*:*** Target pesticide residues and levels of heavy metals (Cu, Zn, Fe, Hg, Cr, and Cd) were analyzed in toothpaste and results were statistically evaluated.
* **Instruments:**
* Gas Chromatography-Mass spectrometry
* Graphite Furnace Atomic Absorption Spectrophotometer
* Flame Atomic Absorption Spectrophotometer
* Microbiological Laboratory Instruments

**TECHNICAL KNOWLEDGE**

|  |  |
| --- | --- |
| Analytical  |  : Atomic Absorption Spectrophotometer (AAS)  |
| Spectroscopy  |  : Fluorescence, Atomic Absorption  |
| Chromatography  |  : GC, GC-MS, GC-HS, HPLC, Column Chromatograph  |
| Clean-up  |  : Solid Phase Extraction(SPE), Liquid-liquid Extraction  |
| Screening  |  : Color tests, TLC  |

**MEMBERSHIPS AND WORKSHOP**

 2015 Member of Sri Lanka Association for the Advancement of Science

 2014 Active member of the Polymer Science and Technology Curricula Conducted by department of chemistry, University of Sri Jayewardenepura

**PROFESSIONAL QUALIFICATIONS**

**Diploma in Counseling Psychology**:Mental Health Foundation, Colombo-Sri Lanka (2010)

**EXTRA CURRICULAR ACTIVITIES**

* **Senior prefect**, St. Joseph’s Girls School (2005/2007)
* **President**, Junior Science Association, St. Joseph’s Girls School (2002/2004)
* **Leader**, School Debating Team, St. Joseph’s Girls School (2005/2007)
* **Secretary**, Senior Science Association, St. Joseph’s Girls School (2006/2007)
* **Chef Organizer**, Media unit, St. Joseph’s Girls School (2003/2005)

**SKILLS**

* Fluency in English, Sinhala
* Proficient in following software
	+ Reference management software - Endnote, Mendeley
	+ Microsoft Office: Word, Excel & PowerPoint
	+ Chemsketch: molecular assembling software
* Strong interpersonal skills and the ability to establish positive relationships with fellow team members
* A genuine passion for Chemistry and a commitment to maintaining subject knowledge
* Fast learning skills and ability to adapt work efficiently in a dynamic environment
* Soft skills (organizing, problem solving, communication, leadership and presentation)

**PERSONAL DETAILS**

* Date of birth : 08.05.1988
* Nationality : Sri Lankan
* Marital status : Married