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INTERNATIONAL TEACHING/RESEARCH EXPERIENCE

2013-2014 LECTURER IN CHEMISTRY, MINISTRY OF EDUCATION, REPUBLIC OF MALDIVES

2011-2013 POST DOCTORAL FELLOW, SCIENTIFIC COMPUTING RESEARCH UNIT, UNIVERSITY OF CAPETOWN, SOUTH AFRICA

2006-2010 GRADUATE RESEARCHER IN COMPUTATIONAL & PHYSICAL CHEMISTRY, CURTIN UNIVERSITY, AUSTRALIA

2002- 2005 SCIENTIFIC ASSISTANT IN PHYSICAL & COMPUTATIONAL CHEMISTRY, TU DRESDEN, GERMANY

JOB PROFILE

A lecturer in Chemistry and a researcher in Computational & Physical Chemistry

- Led an intensive teaching programme in Chemistry to Advanced Level Chemistry students under the Ministry of Education, Republic of Maldives.
- Highly independent research experience from four continents (Asia, Africa, Europe & Australia) in scientific computing, chemical modelling & theoretical chemistry
- Developed an innovative research based learning program SLID aimed at to be implemented in institutions of higher learning.
- Ph.D. in Computational & Physical Chemistry from a reputed university in Australia

ADDITIONAL TEACHING & TRAINING EXPERIENCE

TEACHING

2001-2002 Organic Chemistry – for Chemistry undergraduate students (University of Calicut) at a private teaching institute Kerala, India

2001-2002 Physical Chemistry – for Physics undergraduate students at a private teaching institute (University of Calicut), Kerala India

THESIS EDITING

2011-2013 Experience in editing Ph.D and Master THESES

TRAINING

2012 MARCH – PRESENT, Undergoing professional Development program (PDP) towards Chartered Chemist status with Royal Society of Chemistry UK.

2009 How to make a better Ph.D thesis – a course that is aimed at for compiling high quality research theses from University of Western Australia, Perth

2008 Study technology– for learning/teaching effectively, from Scientology Institute, Perth Australia

2008 Self analysis – for managing self, & people with different minds and skills from Scientology Institute Perth Australia

2007 Effective working style – for effective time and mind management at work places from Scientology Institute, Perth Australia

2007 The fundamentals of thought - for overcoming work related stress from Scientology Institute Perth Australia

2007 Scientific writing in English – for effective research communication from Curtin University, Perth, Australia

ORGANISATIONAL/ADMISTRATIVE EXPERIENCE

1998 - Was president of a local church organisation, India

1997 - Was student representative of Chemistry association, SKC College, University of Calicut

EDUCATIONAL QUALIFICATIONS

PhD in Computational Chemistry School of Biomedical Sciences, Curtin University, Perth Australia (Thesis: 60,000 words): “The molecular mechanism of solvent cryoprotection” **2006-2010**

Master of Science in Polymer Science School of Chemical Sciences, Mahatma Gandhi University, India – with Majors in Polymer Physics & Chemistry **1998-2001**

Master (Thesis 5000 words): “Blending of ethylene propylene rubber with Liquid Crystal Polymers” Indian Institute of Technology, Kharaghpur **2000**

Bachelor of Science in Chemistry with Physics and Mathematics minor University of Calicut, India **1995-1998**

ADDITIONAL QUALIFICATIONS

Diploma in computer programming IT initiative India **2001-2002**