

## **CURRICULUM VITAE**

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### **OBJECTIVE**

Aim to be an associate with a progressive organization that gives me scope to update my knowledge and skills in accordance with the latest trends and be part of a team that dynamically works towards growth of organization and gains satisfaction thereof.

### **PERSONAL**

Name : Fathima Rehana Munas  
Date Of Birth : 08<sup>th</sup> of August 1981  
Gender : Female  
Marital Status : Married  
Nationality : Sri Lankan

### **PROFESSIONAL QUALIFICATION**

- Reading MPhil (Part time) in MEMS Technology, **University of Moratuwa, Sri Lanka.**
- Completed PG Dip in Water & Environmental Engineering, **University of Peradeniya, Sri Lanka.**
- **BSc (Hons) Engineering, Jan 2006, University of Peradeniya, Sri Lanka.**  
Second Class Honours (Upper Division), GPA: 3.55

### **PROFESSIONAL EXPERIENCE**

1. **Lecturer (Prob):** Department of Mechanical Engineering, Faculty of Engineering, SEUSL, April 2013 to Date
2. **Engineer Consultant:** Project Management Associates International (Pvt) Ltd., Colombo, May 2012 to March 2013
3. **Visiting Lecturer:** Department of Technical Education & Training, Technical College, Akkaraipattu, April 2009 to Feb 2012
4. **Environmental Engineer:** HESSO (LNGO), Akkaraipattu, April 2006 to Feb 2008
5. **Instructor:** Faculty of Engineering, University of Peradeniya, Jan 2006 to March 2006.

6. **Trainee Engineer:** Aqua Technologies (Pvt) Ltd, Oct 2004 to March 2005

### **MEMBERSHIPS & AWARDS**

- Associate Member of the Institution of Engineers, Sri Lanka. (AMIESL)
- Won T.Sivaprakasapillai Prize for Industrial Engineering at University of Peradeniya.

### **PUBLICATIONS**

- F. Rehana Munas, Y. W. Ranjith Amarasinghe, Dzung Dao, “Review on MEMS based Micropumps for Biomedical Applications”, *International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)*, Vol. 4, pp. 5602-5615, 2015.
- Liyanarachchi. S, Rehana. JF, Weeratungaarachchi. K and Shanthini. R 2005.Semi-Empirical Model for the Simulation of Thin-Layer Drying Characteristics of Green Pepper. Proceedings of the Peradeniya University Research Sessions 2005, University of Peradeniya, Sri Lanka, Vol. 10, pp.81

### **RESEARCH INTERESTS**

- MEMS/NEMS Technology
- Semi-Empirical Model for the Simulation of Thin-Layer Drying Characteristics of Green Pepper
- Water Resources Management

### **COMPUTER SKILLS**

COMSOL, ANSYS, MATLAB, SolidWorks, MS Office, GIS, Auto CAD & MS Project

### **REFERENCES**

Available upon request