

## **1. REX AURELIUS C. ROBIELOS**

### **2. Education**

- a. Doctor of Philosophy in Industrial Management, National Taiwan University of Science and Technology, Taiwan, 2014 - present
- b. Masters of Science in Industrial Engineering, University of the Philippines Diliman, 2001
- c. Diploma in Industrial Engineering, University of the Philippines Diliman, 1999
- d. Bachelor of Science in Applied Mathematics, University of the Philippines at Los Baños, 1994

### **3. Academic experience**

- a. Mapua Institute of Technology, School of IE-EMG, Dean , 2010 - present, full time
- b. Mapua Institute of Technology, OIC, Continuous Quality Improvement Office, Aug 2013 – Aug 2014, full time
- c. Mapua Institute of Technology, Administrator, Faculty Development Office, 2006 - 2007, full time

### **4. Non-academic experience**

- a. Analog Devices General Trias, Section Manager-Operations Research Group, 2007 – 2009, full time

### **5. Certification**

- a. Professional Industrial Engineer (PIE Certification No. 00095)

### **6. Current membership in professional organizations**

- a. Human Factors and Ergonomics Society of the Philippines - Secretary
- b. Philippine Institute of Industrial Engineers (PIIE)
- c. Operations Research Society of the Philippines
- d. Institute of Industrial Engineers
- e. Human Factors and Ergonomics Society (USA)

### **7. Service activities (within and outside of the institution)**

- a. Member, Faculty Grievance Committee
- b. Member, Faculty Performance and Evaluation Board

### **8. Paper presentation and publications**

- a. Developing Models with Varying Machine Ratios in a Semiconductor Company, The Institute of Industrial Engineers (IIE) Asian Conference 2013, National Taiwan University of Science and Technology, International Building (IB), Taipei, Taiwan, July 18-20, 2013
- b. Assessment of Motorcycle Driving on the Increasing Rate of Road Accidents in Metro Manila, J.M.V. De Guzman, M.G.C. Malapitan, and D.R.A. Tan, 2<sup>nd</sup> International Conference of the Southeast Asian Network of Ergonomics Societies (SEANES), July 9-12, 2012

- c. Analyses of Cycle Time, Work-in-Process and Machine Utilization in Semiconductor Company, H.R. Andres and A.A. Tagle, 61<sup>st</sup> Annual IIE Conference and Expo 2011, Grand Sierra Resort and Hotel, Reno Nevada, USA, May 21-25, 2011
- d. Supply Chain Management of Pharmacies in the Philippines: An Overview, 6<sup>th</sup> Asia-Pacific Industrial Engineering and Management Conference, December 2005

9. Professional development activities

<i>Date</i>	<i>Title</i>	<i>Venue</i>
May 20-22, 2015	SEANES Workshop Ergonomics Checkpoints in the Workplace	Avani Atrium Hotel, Bangkok, Thailand
September 30 – October 4, 2013	Training in Material Flow Cost Accounting	China
September 27, 2013	PATE National Conference	Citylight Hotel, Cebu
February 7-8, 2013	Understanding, Documenting & Implementing Integrated Management System based on ISO9001 & ISO 14001	Mapua
December 12, 2012	PACUCOA 23 <sup>rd</sup> Annual General Assembly	Century Park Hotel, Malate Manila
May 10, 2012	Carbon Footprint – Offset Your Indulgence (PAS 2050)	New World Hotel, Makati City
March 6-7, 2012	Managing Risk and Performance Through Business Process Management	AIM Acceed Conference Center, Makati City
January 27-28, 2012	Engineering Accreditation Workshop	Mapua
January 25-26, 2012	Developing and Implementing Sustainable Educational Program Assessment Process Training- Workshop	Manila
January 20, 2012	Leading Program Accreditation Reviews According to CASEE	Club Filipino, San Juan, Manila
January 19, 2012	Introduction to PTC Certification and Accreditation Systems for Engineering Education (PTC- CASEE) and Outcomes-Based Education for Engineering	UP Campus, Diliman, Quezon City
January 19, 2012	Conducting Accreditation Review According to CASEE	UP Campus, Diliman, Quezon City
December 8, 2011	PACUCOA 22 <sup>nd</sup> Annual General Assembly	Century Park Hotel, Malate Manila