

## EXPERT'S PROFILE

**Name of Grantee** : **ARMANDO T. QUITAIN, Ph.D.**  
**Area of Expertise** : Chemical Engineering, Supercritical Fluid, Microwave  
**Inclusive Date of Contract as BSP Awardee** : Short-Term Program  
: Phase I: 13 – 28 June 2015 (16 days)  
: Phase II: 31 October – 15 November 2015 (16 days)  
: Phase III: 04 – 19 June 2016 (16 days)  
**Host Institution** : De La Salle University (DLSU)  
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### EDUCATIONAL BACKGROUND

- **Ph.D. in Chemical Engineering**, 2000, Nagoya University, Japan
- **MS Chemical Engineering**, 1996, De La Salle University, Manila
- **BS Chemical Engineering**, 1992, De La Salle University, Manila

### WORK EXPERIENCES

- 2010 – present                    **Dept. of Applied Chemistry and Biochemistry, Kumamoto University, Japan**  
Assistant Professor
- 2001 - 2010                        **Research Institute for Solvothermal Technology, Japan**  
Senior Researcher
- 2000 – 2001                        **Dept. of Ecological Engineering, Toyohashi University of Technology**  
Research Associate
- 1992 - 1996                        **Chemical Engineering Department, De La Salle University**  
Instructor – Assistant Professor

### To be Accomplished as a BSP Awardee

1. Development of supercritical fluid (SCF) experimental apparatus
2. Lectures/Seminars on SCF technologies
3. Research collaboration on microwave-induced plasma processing
4. Lecture/Seminars on microwave technologies
5. Research collaboration on microwave-assisted biofuel synthesis
6. Lectures/Seminars on biomass-to-biofuel conversion