

EXPERT'S PROFILE

Name of Grantee : **Dr. Ginno L. Andres**
Area of Expertise : Tribology Mechanical Eng'g & Environmental Eng'g
Inclusive Date of Contract as BSP Awardee : Long-Term Program
: May 2018 – April 2020 (2 years)
Host Institution : Polytechnic University of the Philippines (PUP)
E-mail Address : ginnoandres@gmail.com



EDUCATIONAL BACKGROUND

- **Doctor of Engineering**, 2015, Ritsumeikan University, Shiga, Japan
- **Master of Engineering**, 2011, Ritsumeikan University, Shiga, Japan
- **BS Mechanical Engineering**, 2008, Polytechnic University of the Philippines

WORK EXPERIENCES

- 2015 – present **Combustion Laboratory, Ritsumeikan University, Shiga, Japan**
Research Associate
- 2015 - present **Tahibana Electric Corporation, Shiga, Japan**
Production Staff
- 2011 - 2015 **Combustion Laboratory, Ritsumeikan University, Shiga, Japan**
Research Assistant
- 2013 - 2014 **Tanah Process Ltd., Osaka, Japan**
Research & Business Apprentice
- 2012 - 2014 **Japan Ministry of Environment Grant**
Multi-company collaboration Research Assistant
- 2006 **MD Juan Enterprises Inc., Philippines**
Production Planning & Inventory Control

To be Accomplished as a BSP Awardee

1. Assist and provide expert advice in the set-up and establishment of the PCIEERD funded Sensor and Mechatronics Laboratory
2. Fabricate capacitative deionization electrode/s suitable for waste water from the industries
3. Test suitability and characteristics of different charcoal sources as activated carbon raw material
4. Conduct study in the fabrication and assembly of high efficiency photovoltaic cells
5. Coordinate research and development activities at PUP
6. Preparation and submission of at least two (2) research proposals to DOST PCIEERD
7. Coordinate with other HEI's in the Philippines for possible research collaborations
8. Coordinate with Ritsumeikan University for future collaborations
9. Assist faculty, researchers and students in their research study
10. Conduct lectures at the College of Engineering in PUP