

Call for Research Officer

Project Title: Optimization Model of Demand Side Management for Load Balancing and Cost Reduction in IoT Enabled Smart Microgrid

Source of Funding: FRGS

Project Duration: 2 Years (November 2018 – October 2020)

Monthly Salary: RM 1800

Location: Faculty of Engineering, MMU Cyberjaya

Benefits of the project (not limited to): Pursuing Master of Engineering Science (M.Eng.Sc.); Journal publication based on oneself effort.

Responsibilities:

- To set up the IoT platform, perform the tests, measurements at the Smart Grid Lab, UMPEDAC, University of Malaya
- To set up the optimization model, establish the program, perform the simulation and analysis work on demand side management for household appliances at Faculty of Engineering, MMU
- To do any relevant administrative work/purchasing matters as requested.
- Research and publication work.
- Pursue Master in Engineering Science (M.Eng.Sc.).

Requirements:

- Bachelor's degree with honours in Electrical Engineering discipline, preferably 2nd class or above.
- Knowledge of and keen interest in smart grid required.
- Good knowledge of computer programming.
- Good English proficiency.
- Self-motivated, requires minimal supervision, resourceful, keen to learn, possess good communication skills and able to work under pressure.

Interested applicants are requested to submit their resumes through email to Dr. Tan Wooi Nee (wntan@mmu.edu.my).