
Curriculum Vitae

Name: Dr. Geno Peter

List of Research:

Internal Grant

1. "A Detailed Analysis of Electrical Power Generation using Synchronous and Asynchronous Motor" , Research ID : 1/2017/01
2. "Enhancement of Energy Meter With GSM Prepaid System and Protective Relay" , Research ID : 3/2018/07
3. "SMART FAULT MONITORING AND NORMALIZING OF A POWER DISTRIBUTION SYSTEM" , Research ID : 1/2021/04

List of Consultancy:

1. Protection and Testing of Transformers (IEC Standard), (Consultancy & Services Sdn. Bhd UCTS)- 18 & 19 May 2017
2. Residual Life Assessment of Power Transformers (IEC Standard), (UCTS Consultancy & Services Sdn. Bhd,)- 13 Nov 2017
3. G1 Wireman (UCTS Consultancy & Services), (UCTS Consultancy & Services Sdn. Bhd,)- 21-22,28-29.08.2021 & 4.09.2021
4. Communication Technology, (UCTS Consultancy & Services Sdn. Bhd)- 26 Sep 2018
5. Smart Solar Testing,(SAMDO Smart solar Sdn. Bhd)-November 2018

List of Publications:

1. Peter, Geno & Sherine, Anli. (2017). Induced over voltage test on transformers using enhanced Z-source inverter based circuit. Journal of Electrical Engineering. 68. 10.1515/jee-2017-0070.
2. Peter, G. & Iderus, Samat. (2018). Comparative performance study of a self-excited three phase induction generator with a three phase synchronous generator. Journal of Advanced Research in Dynamical and Control Systems. 10. 41-47.
3. Peter, Geno & Sherine, Anli & Iderus, Samat. (2020). Enhanced Z-source inverter-based voltage frequency generator to conduct induced over voltage test on power transformers. International Journal of Power Electronics. 12. 493. 10.1504/IJPELEC.2020.110752.
4. Sherine, Anli & Peter, Geno. (2020). A Novel Biometric Recognition System for Fingerprint Using Polar Harmonic Transform. International Journal of Pharmaceutical Research. 10.31838/ijpr/2021.13.01.636.
5. Peter, Geno & Livin, Joel & Sherine, Anli. (2021). Hybrid optimization algorithm based optimal resource allocation for cooperative cognitive radio network. Array. 12. 100093. 10.1016/j.array.2021.100093.
6. Peter, Geno & Iderus, Samat. (2020). Design of enhanced energy meter using GSM prepaid system and protective relays. Materials Today: Proceedings. 39. 10.1016/j.matpr.2020.08.471.
7. Iderus, Samat & Peter, Geno. (2020). Temperature Rise Test on Medium Voltage Switchgear Assembly Based on IEC Standard. 1-5. 10.1109/ICOT51877.2020.9468746.

List of Patents:

Title of Invention

1. AIOT based Pandemic related Smart Health Management System for Industrial workers. Certificate of grant Innovation Patent by the Australian Patents Register on 14 April 2021 , Patent Number : 2021101013
2. Artificial Neural Networks based Optimal Control of Smart Grids. Certificate of grant Innovation Patent by the Australian Patents Register on 22 September 2021, Patent Number : 2021104760

Text Book Publication:

1. Dr. Geno Peter & Dr. Ramli bin Rashidi , “A Typical Switchgear Assembly”, ITBM , Malaysia

List of Awards:

1. Innovate Malaysia Design Competition , Dream Catcher- Malaysia – 2020