Curriculum Vitae

Name: Prof. Ir. Dr. Mohammad Shahril Osman

List of Research:

Internal Grant

1. Development of Self-Sustainable Pyrolysis System to Convert Biomass into Biochar (4/2018/05)

External Grant

1. Malaysian Automotive Robotics & IoT Institute (Malaysian Driving Cycle Phase III)-2019-2021

List of Consultancy:

1. SEM-DEX Analysis & Element Mapping (Press Metal Sarawak Sdn. Bhd.)-2020

2. Slake Durability Test & Renting of Durability Test For 5 Days(Curtin (Malaysia) Sdn. Bhd.)-2020

3. Being Lab Testing Service for Truss(Mesra Jaya Steel Sdn. Bhd.)-2020

List of Publications:

1. Prashobh Karunakaran, M. Shahril Osman, Prashanth Karunakaran, ShanthiKarunakaran, Arjun Karunakaran, Man Djun Lee, Kwong Hieng Ting, Alexon John(2020). HV Switchgear Switching System. Asian Journal of Convergence in Technology (AJCT), ISSN NO: 2350-1146 I.F-5.11, 6(3), 77-85.https://doi.org/10.33130/AJCT.2020v06i03.012

2. Prashobh Karunakaran, Prashanth Karunakaran, Shanthi Karunakaran, ArjunKarunakaran, Man Djun Lee, M. Shahril Osman, Muhd Dina Fadhilah, KaruppannaV, Sung Chee Cheng. (2020). Proving that Eddy Current is the Main Heat Generatorfor a Current Carrying Cable Suspended in a Steel Pipe. Asian

Journal of Convergence in Technology (AJCT), ISSN NO: 2350-1146 I.F-5.11, 6(3), 55-64. https://doi.org/10.33130/AJCT.2020v06i03.010.

3. Karunakaran, Prashobh; Osman, M. S.; Karuppanna, V.; Cheng, S. C.; Lee, M.D.; John, A.; Hieng, T. K. (2020). A High Voltage Switchgear Switching System. IEEE Explore. ISBN 978–80–7043–987–6. ISSN 1803–7232.

4. Karunakaran, P., Osman, M. S., Karuppanna, V., Cheng, S. C., Lee, M. D., Fadhilah, M. D., & Lau, A. K. S. (2020, November). Eddy Current versus Joule Heating Effects for a Cable Suspended in an Iron Pipe. IEEE Explore. ISBN 978–80–7043–987–6. ISSN 1803–7232.IEEE.

5. Karunakaran, Prashobh; Osman, M. S., Karuppanna, V., Cheng, S. C., Djun, L. M., John, A., & Hieng, T. K. (2020/9/21). Design and Building a High Voltage Switchgear Safety System. IEEE Explore. ISBN 978–80–7043–987–6; ISSN 1803–7232; DOI:10.1109/ICCSP48568.2020.9182459.

6. Karunakaran, Prashobh; Osman, M. S.; Karuppanna, V.; Cheng, S. C.; Lee, M. D.; Richard, A.; Lau, A. K. S. (2020/9/4). Electricity Transmission Under South China Sea by Suspending Cables Within Pipes. IEEE Explore. ISBN 978–80–7043–987–6.ISSN 1803–7232, DOI: 10.1109/INCET49848.2020.9154119.