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Contact

Position: Pensyarah Kanan | Senior Lecturer
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Profile

Qualification and Granting Institution

- PhD in Advanced Manufacturing, Ruhr Universitaet Bochum, Germany
- MSc of Materials Engineering, Universiti Sains Malaysia, Malaysia
- BEng (Hons.) Materials Engineering, Universiti Sains Malaysia, Malaysia

Areas of Expertise

- Ceramics synthesis and characterizations

Teaching Interest

- Ceramics material and technology

Research Interest

- Ceramics design and manufacturing
- Nano-ceramics
- Ceramics Battery and Super-capacitor
- Solid oxide fuel cells (SOFCs)
- Computational materials

Articles and News Related

- Circuit diagram of a single-mode microwave ring resonator; In Proceedings of 2011 IEEE Symposium on Industrial Electronics and Applications (ISIEA 2011)
- Side-coupled single-mode ring resonator with transmission zeros; In Proceedings of 2011 IEEE Symposium on Industrial Electronics and Applications (ISIEA)
- Marble Dust Incorporate in Standard Local Ceramic Body as Enhancement in Sanitary Ware Products; In Proceedings of 2011 IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER 2011)
- A Study On Porcelain Anti Slip Tile Design; In Proceedings of 2011 IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER 2011)
- Conceptual framework of hydroxyapatite for damaged skull through design approach; In Proceedings of 2012 IEEE Business, Engineering & Industrial Application (BEIAC 2012)
- Stoneware body strength using industrial sludge to conceptually proposed for ceramic artworks; In Proceedings of 2012 IEEE Humanities, Science and Engineering Research (SHUSER 2012)
- Electrical conductivity and thermal expansion of the oxy-cuspidine $Gd_4Al_2O_9$ substituted with Ca and Sr; In Solid State Ionics Journal
- Conceptual Framework of Design Study on Façade of Hi-deck Bus Using FRP Composite; In Proceedings of 2012 IEEE Business, Engineering & Industrial Applications Colloquium (BEIAC 2012)
- Chelating Agents Role on Thermal Characteristics and Phase Formation of Modified Cerate-Zirconate via Sol-gel Synthesis Route; In International Journal of ELECTROCHEMICAL SCIENCE