CURRICULUM VITAE

PERSONAL DETAILS

Name :	ZAINATHUL AKHMAR SALIM BT ABDUL SALIM
Current Position :	SENIOR LECTURER (POLYMER TECHNOLOGY)
Employer :	SCHOOL OF INDUSTRIAL TECHNOLOGY, FACULTY OF APPLIED SCIENCES, UNIVERSITI TEKNOLOGI MARA, 40450 SHAH ALAM, SELANGOR.
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EDUCATION AND QUALIFICATION

Year Awarded	Qualification	Country	Institution
1. 2008	MASTER OF SCIENCE IN POLYMER TECHNOLOGY	UNITED KINGDOM	LOUGHBOROUGH UNIVERSITY, UK
2. 2005	B.SC.(HONS) IN POLYMER TECHNOLOGY (1ST CLASS)	MALAYSIA	UNIVERSITI TEKNOLOGI MARA (UiTM)
3. 2003	DIP. IN POLYMER TECHNOLOGY	MALAYSIA	UNIVERSITI TEKNOLOGI MARA (UiTM)
4. 2003	DIP. IN RUBBER PROCESSING	MALAYSIA	LEMBAGA GETAH MALAYSIA (LGM)

WORKING EXPERIENCE

Position	Company / Institution	Year
Industrial Trainee	Tonma Plastics Sdn. Bhd.	2002
QA Chemist	Top Glove Sdn. Bhd.	2005 - 2006
Technical Executive	Sime Kansai Paints Sdn. Bhd.	2006 - 2007
Lecturer	Universiti Teknologi MARA	2008 - 2015
Senior Lecturer	Universiti Teknologi MARA	2016 - current

PROFESIONAL MEMBERSHIP

Position	Company / Institution	Year
Associate Member	The Plastics and Rubber Institute Malaysia (PRIM)	2013 - current
Technical Member	Department of Standards Malaysia	2019 - current

TEACHING EXPERIENCES

1. Polymer Machinery
2. Plastic Materials
3. Basic Natural Rubber Processing
4. Rubber Processing and Technology
5. Basic Chemistry
6. Latex Technology
7. Polymer Latex Technology
8. Advanced Latex Technology
9. Rubber, Plastics, and Latex Compounding Laboratory
10. Special Topic (Organising Seminar and Preparation of Literature Review)
11. Polymer Structure and Properties
12. Final Year Project Proposal

PUBLICATION / CONFERENCE / INNOVATION (YEAR 2016 – 2020)

- **FIRST AUTHORSHIP**

Published Journals

1. Abdul Salim, Z. A. S., Hassan, A., & Ismail, H. (2018). A Review on Hybrid Fillers in Rubber Composites. *Polymer - Plastics Technology and Engineering*, *57*(6), 523–539. https://doi.org/10.1080/03602559.2017.1329432

2. Abdul Salim, Z. A. S., Hassan, A., & Ismail, H. (2018). The Effect of High Purity Rice Husk Silica Synthesised using Solvent-thermal Extraction Method on the Properties of Natural Rubber Compounds. *BioResources,* 13, 6936–6951. https://doi.org/10.15376/biores.13.3.6936-6951

Participated Conferences

1. Abdul Salim, Z. A. S., Hassan, A., & Ismail, H., Mohd., A.F. (2016). Synthesis of Nanosilica from Rice Husk by Solvothermal Extraction Method. *National Symposium on Polymeric Materials (NSPM 2016).* 10-12 October 2016. SERC, Universiti Sains Malaysia, Engineering Campus, Penang, Malaysia.

2. Abdul Salim, Z. A. S., Hassan, A., & Ismail, H. (2017). Comparative Study of Commercial Precipitated Silica with High Purity Rice Husk Silica obtained from Solvent-Thermal Extraction Method on the Cure Characteristics and Mechanical Properties of Natural Rubber Composites. *The Third Asia Pacific Rubber Conference (APRC 2017)*. 16-17 November 2017. Convention Center, Prince of Songkla University, Surat Thani, Thailand. Paper ID – RCC2

3. Abdul Salim, Z. A. S., Hassan, A., & Ismail, H., Mohd., A.F. (2017). Impact of high purity rice husk silica synthesised using the solvothermal extraction method on the properties of natural rubber. *Malaysia Polymer International Conference 2017 (MPIC 2017)*. 19-20 July 2017. Pusat Permata Pintar, Universiti Kebangsaan Malaysia, Bangi, Malaysia.

4. Abdul Salim, Z. A. S., Hassan, A., & Ismail, H., Che Ismail, N. H. (2018). Tensile Properties and Dynamic Mechanical Behaviour of Natural Rubber Compound filled with Rice Husk Silica produced via Solvent-Thermal Extraction Method. *3rd International Conference on Materials Technology and Applications (ICMTA 2018)*. 26-29 October 2018. Hokkaido, Japan. Paper ID – TA005. Proceedings in Material Science Forum Vol. 947, 195-199.

Participated Innovation Competition

1. Abdul Salim, Z. A. S., Hassan, A., & Ismail, H., Mohd., A.F., Che Ismail, N. H. (2017). Synthesis of Ultra-fine Silica by Rice Husk from Solvent-thermal Extraction Method. *The 1st International Malaysia-Indonesia-Thailand Symposium on Inovation and Creativity (iMIT SIC 2017)*. 26-27 July 2017. Universiti Teknologi MARA, Perlis, Malaysia.
   Product ID – iMIT SIC 532

   - SILVER AWARD

2. Abdul Salim, Z. A. S., Hassan, A., & Ismail, H. (2018). Purified Rice Husk Silica from Solvent-Thermal Extraction Method: A Potential Filler For Rubber Composites. International Research Innovation, Invention and Solution Exposition (IRIISE 2018). 14-16 August 2018. University of Malaya, Kuala Lumpur, Malaysia.
   Poster ID – C-NS-005

   - SILVER AWARD

3. Abdul Salim, Z. A. S., Fauzi, R., Nik Ibrahim, N.N.I. (2020). Purified Rice Husk Silica from Solvent-Thermal Treatment Method: A Potential Filler For Rubber Composites. *The 4th World Invention Academic Conference (WIAC2020)*. 15 November 2020. Korea Invention Academy, Seoul, Korea.
   Product ID – WIAC 406

   - GOLD AWARD