



Norazura Ibrahim

Experience

2017–Present

Senior Lecturer • Polymer Technology • Universiti Teknologi MARA

2015–2017

Coordinator • Polymer Technology • Universiti Teknologi MARA

2011–2017

Senior Lecturer • Polymer Technology • Universiti Teknologi MARA

2004–2011

Lecturer • Polymer Technology • Universiti Teknologi MARA

2003–2004

Young Lecturer • Polymer Technology • Universiti Teknologi MARA

2000–2002

Rubber Technologist • Quality Assurance • Southern Wire Sdn. Bhd

Education

RMIT University, Melbourne, Australia

- Doctor of Philosophy (Chemical Engineering)

Loughborough University, Leicestershire, United kingdom

- Master of Science in Polymer Technology

Universiti Teknologi MARA, Shah Alam, Malaysia

- Bachelor of Science (Hons) Polymer Technology

Institut Teknologi MARA, Shah Alam, Malaysia

- Diploma In Rubber & Plastics Technology

Malaysia Rubber Board, Sg. Buloh, Malaysia

- Diploma In Natural Rubber Processing



Faculty of Applied Sciences,
Universiti Teknologi MARA,
40450 Shah Alam, Malaysia.

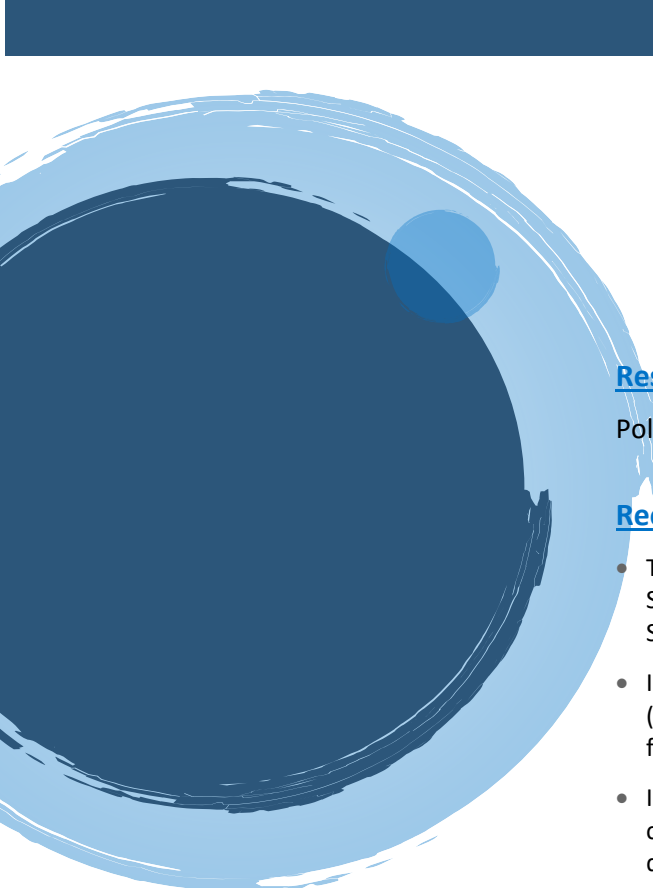


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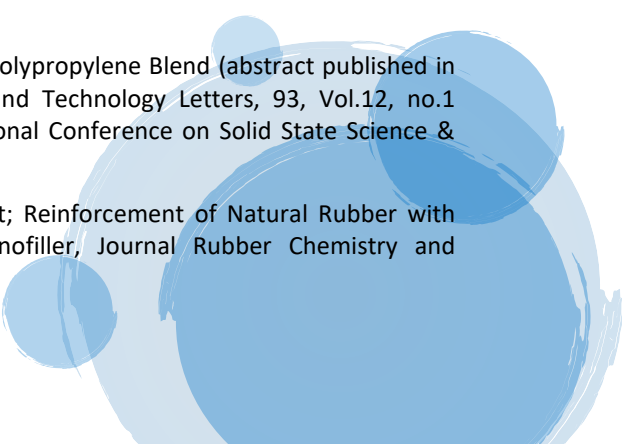




Research Interests

Polymer Processing & Technology

Recent Publications

- Tahir, H., M. Misran, M. R. Othman and N. N. Ibrahim (2018). "Metal Selectivity of Hevea Protein Isolated from Natural Rubber Latex Skim Serum." 2018 7(4.14): 4.
 - Ibrahim, N., N. Dalgiri, N. A. F. Roslan, S. F. Bahtiar and M. S. M. Mazlam (2018). Bamboo charcoal filled natural rubber vulcanizates: The effect of filler loading and bonding agent. AIP Conference Proceedings.
 - Ibrahim, N., A. H. M. Shokri, D. Kamarun and A. F. Mohd (2018). Cure characteristic and mechanical properties of natural rubber vulcanizates with digested rice husk ash (RHA). AIP Conference Proceedings.
 - Salih, N. M., S. A. Jarkasi, A. Samsuri, E. Z. E. Zawawi, N. Ibrahim and D. Kamarun (2018). "Effect of NR/NBR ratio on mechanical properties and crosslink concentration of NR/NBR blend latex film." International Journal of Engineering and Technology (UAE) 7(4): 176-180.
 - Norazura, I., J. Margaret, and P. Rajarathinam, Mechanical and thermal properties of melt processed PLA/organoclay nanocomposites. IOP Conference Series: Materials Science and Engineering, 2017. 191(1): p. 012005.
 - Ibrahim, N., M. Jollands, and R. Parthasarathy, Optimising Processing Conditions of PLA Nanocomposites Using Response Surface Methodology. Pertanika Journal of Science and Technology, 2017. 25 (S): p. 63-72.
 - N.Ibrahim, M.Jollands, R.Parthasarathy; 2011, "Morphology and mechanical properties of polylactide nanocomposite: A comparative study", The 27th Annual Meeting of The Polymer Processing Society, paper #1183 (6 pages). ISBN: 978-9954-520-04-8.
 - Ibrahim N; Jollands M; Parthasarathy R; 2010, "Optimisation of process conditions of PLA/organoclay nanocomposite by using statistical analysis", Chemeca 2010: The 40th Australasian Chemical Engineering Conference, paper #550 (10 pages). ISBN: 978-085-825-9713.
 - The compressive strength and modulus of foamed Natural Rubber/Linear Polypropylene Blend—paper. Conference on Scientific and Social Research (CSSR) 2007
 - Foamability of Natural Rubber/ Polypropylene Blend (abstract published in Journal of Solid State Science and Technology Letters, 93, Vol.12, no.1 (supplementary) Dec 2005) Regional Conference on Solid State Science & Technology 2005 (RCSST'05)
 - A.Ansarif, N.Ibrahim, M.Bennet; Reinforcement of Natural Rubber with Silanized Precipitated Silica Nanofiller, Journal Rubber Chemistry and
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Technology, Nov-Dec 2005, Vol.78 (5) 793-805.

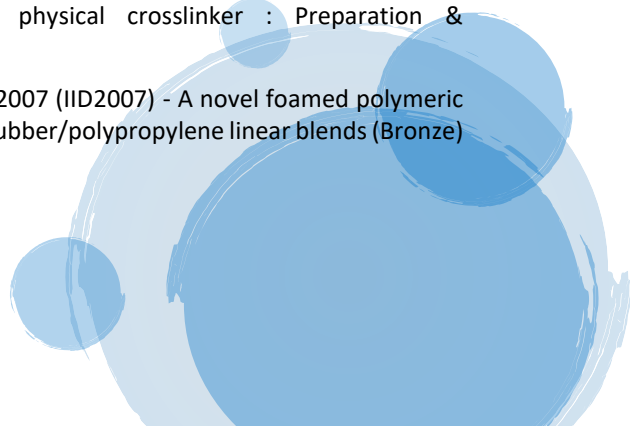
- A.Ansarifar, A.Azhar, N.Ibrahim, S.F.Shiah, J.M.D.Lawton, The use of a silanised silica filler to reinforce and crosslink natural rubber, International Journal of Adhesion and Adhesives, Volume 25, Issue 1, February 2005, Pages 77-86.
- Ansarifar, S.F. Shiah, N. Ibrahim, A. Azhar. The reinforcing effect of silanised silica nanofiller on the properties of natural rubber nanocomposites. The fourth international rubber chemicals, compounding and mixing conference, Birmingham, UK. Conference proceedings, Paper 19, 215-232 (2004).

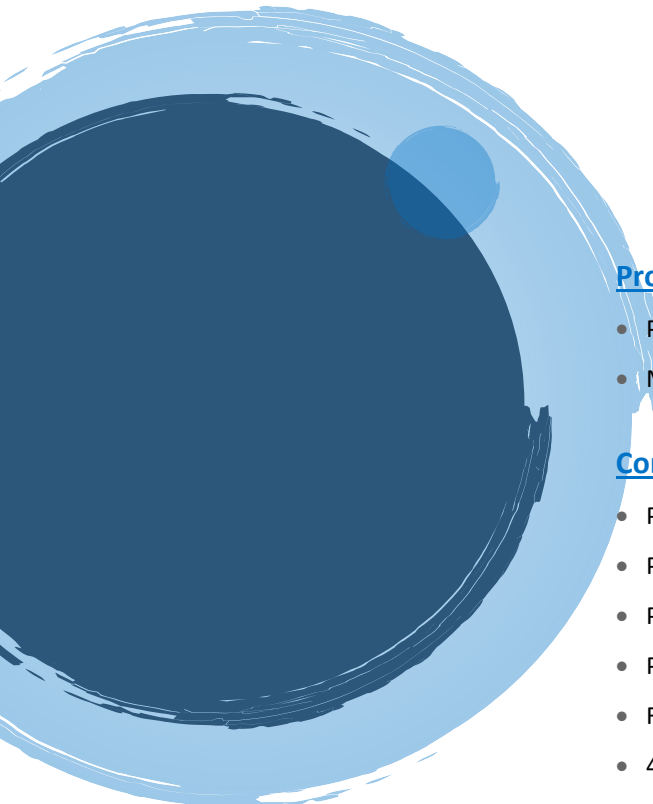
Recognition of Expertise

- National Standard Committee on Rubber and Rubber Products (NSC N)
- Technical Committee on Rubber and Rubber Products (TC/N/1)
- Technical Committee on General Rubber Goods (TC/N/8)

Awards

- Invention, Innovation & Design Exposition 2017 (IIDEX 2017) - Plastic Rehal (Silver)
- The 1st International Malaysia-Indonesia-Thailand Symposium on, Innovation and Creativity (iMIT SIC 2017) – Silicon Nitride/ Polypropylene composite for knee cap application (Bronze)
- Scientific Research Invention & Innovation competition (SRIIC2017) - Plastic Rehal (Gold)
- Scientific Research Invention & Innovation competition (SRIIC2017) - The utilization of bamboo charcoal powder to produce functional rubber composites (Silver)
- Scientific Research Invention & Innovation competition (SRIIC2017) - The application of silica from rice husk ash as a filler in natural rubber (Bronze)
- 2016 Excellent Staff Award, Universiti Teknologi MARA
- Invention, Innovation & Design Exposition 2016 (IIDEX 2016) - Smart design, low cost Surface Plasmon Resonance (SPR) biosensor applicable for on site detection (Bronze)
- Invention, Innovation & Design Exposition 2016 (IIDEX 2016) - Ionic Crosslinking between Chitosan Alginate Polyelectrolyte Complex using Calcium Pyrophosphate as a physical crosslinker : Preparation & Characterisation (Bronze)
- Inventions, Innovations Designs 2007 (IID2007) - A novel foamed polymeric material prepared from natural rubber/polypropylene linear blends (Bronze)





Professional Membership

- Professional Technologist, Malaysian Board of Technologist (2018)
- Member, Plastics and Rubber Institute Malaysia (2017-Present)

Community Projects

- Program Iftar TITIAN KASIH bersama anak yatim (14/06/2017)
 - PTyS Love Nature 2.0 (20/10/2016)
 - Program TITIAN KASIH bersama anak yatim (15/05/2016)
 - Pertandingan Debat Mahasiswa Fakulti Sains Gunaan 2.0 (24/05/2016)
 - Fasilitator Modul Pembangunan Pelajar (25/02/2007)
 - 4x4 Women Outdoor Recreation Challenge 2008
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