

	<p style="text-align: center;">Raja Roslan Bin Raja Mohamed</p> <p>Address: No. 35 Jalan Tun Teja 35/18 Alam Impian, Seksyen 35 40470 Shah Alam</p> <p>Phone: 0192196010</p> <p>E-mail: rajaroslan@salam.uitm.edu.my</p>
Objective	Seeking a plastic manufacturing related research or/and development position.
Attitude	Self-motivated, fast learner, result oriented and practical with 14 years of academic and 8 years of manufacturing experiences.
Summary of Academic Qualification	<ul style="list-style-type: none"> • Doctor of Philosophy 2017. Queen’s University Belfast, United Kingdom Thesis title: Structure-Property Relationships in Biaxially Stretched Amorphous PET Applicable to Thermoforming and Stretch Blow Moulding • Master of Science in Engineering – (Plastics Engineering) 2003. University of Massachusetts Lowell Thesis title: “Comparison of Predicted and Measured Flow Rates in Injection Molding” • Bachelor of Technology (Hons.) – (Polymer Sc. and Tech.) 1989 – 1993. Universiti Sains Malaysia Thesis title: “The Effect of Titanate Coupling Agent in CaCO₃ filled PVC” • Others <ul style="list-style-type: none"> ▪ 2008: IELTS (Overall Band: 7.5) ▪ 2001: GRE (Verbal: 400, Quantitative: 590, Analytical: 480) ▪ 2001: TOEFL (Total Score ~ 247)
Computer Skill	Cadmould, Moldflow, Solidworks

Working Experiences	
2018	Senior Lecturer
2004-Present	<p>Lecturer Polymer Technology Program, School of Industrial Technology, Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia.</p> <p>Courses: Computer Aided Drawing, Product and Mould Design, Computer Simulation, Additives and Compounding, Mechanical Properties of Polymers, Plastics Materials, Plastics Processing.</p>
2009-2012	<p>Teaching Assistant Polymer Processing Research Centre, Queen's University Belfast</p>
2002-2003	<p>Teaching Assistant Department of Plastics Engineering, University of Massachusetts Lowell</p>
2000-2001	<p>Senior Engineer UMW Advantech Sdn. Bhd. (formerly known as UMW Auto Parts Sdn. Bhd.)</p>
1999 - 2000	<p>Product Development Engineer UMW Auto Parts Sdn. Bhd. (<i>now known as UMW Advantech Sdn. Bhd.</i>)</p> <ul style="list-style-type: none"> ▪ Actively involved in design and development of Air Cleaner Assembly and Charcoal Canister Assembly for Proton Waja ▪ Actively involved in obtaining QS 9000.
1995- 1999	<p>Process Engineer UMW Auto Parts Sdn. Bhd.</p> <ul style="list-style-type: none"> ▪ Process Improvement for plastic injection molding and assembly lines. ▪ Actively involve in obtaining ISO 9001
1995	<p>R&D Technician Johnson and Johnson Medical Mfg.</p> <ul style="list-style-type: none"> ▪ Assisting R&D Chemist in developing unchlorinated powder free natural rubber latex examinations gloves.
1993 - 1995	<p>Production Superintendent Wembley Rubber Product Sdn. Bhd.</p> <p>Responsible for natural rubber latex gloves mass production i.e. trouble shooting, quality control and process improvement.</p>

Academic Activities	
National Symposium of Polymeric Materials 2017	<ul style="list-style-type: none"> • Physical and Morphological Properties of Kenaf Fibre/Rice Husk Particulate Filled Calcium Carbonate/Polypropylene Hybrid Composite • Tensile and Antimicrobial Properties of Linear Low Density Polyethylene (LLDPE) / Chitosan Blend • Curing Characteristic and Flame Retardancy Determination for Different Flame Retardant Incorporated with Unsaturated Polyester Composites
Invention, Innovation & Design Exposition 2017	Plastic Rehal (Silver)
Scientific Research Invention and Innovation Competition 2017	Plastic Rehal (Gold)
Polymer Technology Society UiTM 2017	Advisor
Polymer Processing Society 26th Annual Meeting 2010	Structure Development in aPET during Biaxial Stretching
UK-Malaysia-Ireland Engineering Science Conference, UMIES 2010 - Belfast, United Kingdom	Microstructural Changes and Modulus Development in Equally Biaxial Stretched Polyethylene Terephthalate.
TEX 2007	A New Method to Produce Rigid Thermoplastic Foam (Bronze)
ID2007	A Novel Foamed Polymeric Material Prepared from Natural Rubber/Polypropylene Linear Blend
Vith National Symposium on Polymeric Materials 2006 / National	The Effect of Incorporating Natural Rubber in the Polypropylene Copolymer Rigid Foam
Conference on Scientific and Social Research (CSSR) 2006/7	The compressive strength and modulus of foamed Natural Rubber/Linear Polypropylene Blend

Regional Conference on Solid State Science & Technology 2005 (RCSST'05) / UiTM	A Study of Foamability of Foamed Natural Rubber/Linear Polypropylene Blend (abstract published in <i>Journal of Solid State Science and Technology Letters</i> , 93, Vol.12, no.1 (supplementary) Dec 2005)
UiTM Science and Technology Exhibition 2006	Students' Advisor
The launching of PRIM Student Chapter Central Region and Academic Industrial Talk (9.11.07)	Vice Chairman
UiTM Science and Technology Exhibition 2007	Students' Advisor
Polymer Technology Society UiTM 2007	Advisor

Community Service	
Persatuan Penduduk Arca Karya Alam Impian	Chairman
Lajnah Ekonomi dan Harta Wakaf, Masjid Alam Impian	Ketua

References

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