

**Curriculum Vitae of Academic Staff Teaching In This Programme (AS243)**

i.	Full Name	<p align="center"><b>Radin Siti Fazlina Nazrah bt Hirzin</b></p>  <p><b>Office Address:</b> Faculty of Applied Sciences, Universiti Teknologi Mara, 40450 Shah Alam, Selangor</p> <p><b>Home Address:</b> No 5, Jalan Tangguk 19/36, Seksyen 19, 40300 Shah Alam, Selangor</p> <p><b>Email:</b> <a href="mailto:radin096@salam.uitm.edu.my">radin096@salam.uitm.edu.my</a>  <a href="mailto:radinnazrah77@yahoo.com">radinnazrah77@yahoo.com</a> (alternative email)</p>
	Academic Qualifications	<p><b>2018</b> Doctor of Philosophy Science UNIVERSITI MALAYA (UM)</p> <p><b>2004</b> Master of Engineering (Polymer Engineering) UNIVERSITI TEKNOLOGI MALAYSIA (UTM)</p> <p><b>1999</b> Bachelor of Chemical Engineering UNIVERSITI TEKNOLOGI MALAYSIA (UTM)</p>
iii.	Current Professional Membership	<ul style="list-style-type: none"> <li>- Member of Malaysia Board of Technologist (MBOT) (Material Science Technology)</li> <li>- Technical Committee on Physical Test (Malaysian Rubber Board)</li> </ul>
iv.	Current Teaching and Administrative Responsibilities	<ul style="list-style-type: none"> <li>- Resource Person (RP) of Polymer Chemistry (PST431)</li> <li>- Resource Person (RP) of Polymer Production Process and Environment Impact (FSG567)</li> <li>- Resource Person (RP) of Polymerization Technology (PST631)</li> <li>- Penyelaras Program Teknologi Polimer dan Bahan (2017-2019)</li> </ul>

v.	Previous Employment	<p><b>2016 - Present</b> Senior Lecturer, Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam</p> <p><b>2002 - 2012</b> Lecturer, Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam</p>
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vi.	Conference and Training	<p><b>CONFERENCE PRESENTATIONS</b></p> <ol style="list-style-type: none"> <li>1. <b>5<sup>th</sup> International Conference on Functional Material and Devices 2015 (ICFMD 2015).</b> 4-6 August 2015. New York Hotel, Johor Bahru <i>Functionalized Liquid Natural Rubber Based Thermoplastic Polyurethane Membrane from Unwanted Latex Yield</i></li> <li>2. <b>4th Federation of Asian Polymer Societies International Polymer Congress 2015 (4FAPS-IPC 2015).</b> 5-8 October 2015. PWTC Kuala Lumpur <i>Semi-Rigid Thermoplastic Polyurethane Film Based on Hydroxylated Liquid Natural Rubber.</i></li> <li>3. <b>The 6th International Conference on Postgraduate Education (ICPE-6 2014).</b> 17-18 December 2014. UteM Melaka, Malaysia. <i>Optimization of Processing Parameter by Response Surface Methodology for Functionalized Liquid Natural Rubber as Polyurethane Precursor.</i></li> </ol>
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vii.	Research and Publications	<p><b>CHAPTERS IN BOOKS</b></p> <p>1. Rahmah Mohamed and Radin Siti Fazlina Nazrah Hirzin (2010). Polymer and Material Synthesis: Laboratory Book Manual. UPENA, UiTM. ISBN no: 978-967-363-116-2.</p> <p><b>ARTICLES IN REFEREED JOURNALS</b></p> <p>1. Radin, S. F. N. H., Ahmad, D. A., Rosiyah, Y., Aziz, H. and Hairani, T. (2018). <i>The behaviour of semi-rigid polyurethane film based on functionalized rubber by one-shot and two-shot method preparation</i>. Journal of Materials Science, 53, 13280-13290. (Q1 Manuscript. Springer. ISI-Cited Publication. Impact Factor: 2.993).</p> <p>2. Radin S. F. N. Hirzin, Ahmad D. Azzahari, Rosiyah Yahya and Aziz Hassan (2015). <i>Optimizing the usability of unwanted latex yield by in-situ depolymerization and functionalization</i> Industrial Crops &amp; Products, 74, p. 773783. DOI: 10.1016/j.indcrop.2015.05.078. (Q1 Manuscript. Elsevier. ISI-Cited Publication. Impact Factor: 3.181).</p> <p>3. Radin, S. F. N. H., Rosiyah, Y. &amp; Aziz, H. (2018). <i>Preparation of one-shot and two-shot method of semi-rigid polyurethane film based on functionalized liquid natural rubber</i>. AIP Conference Proceedings 1985, 1-8.</p> <p>4. Chantara Theyy Ratnam, Radin Siti Fazlina and Shuhaily Shamsuddin (2010). <i>Mechanical Properties of Rubber-Wood Fiber Filled PVC/ENR Blend</i>. Malaysian Polymer Journal, Vol. 5, No. 1, p 17-25.</p>
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		<p><b>COMPETITION</b></p> <p>1. <b>SRIIC2017 (2017)</b>. Optimization on Functionalized Rubber as Semi-Rigid Polyurethane Precursor based on Response Surface Methodology by ANOVA Analysis (<b>SILVER</b>)</p> <p><b>GRANT</b></p> <p>1. LESTARI Grant 2017 (600-IRMI/Dana KCM/LESTARI (149/2017) Title: Thermoplastic Polyurethane Film based on Functionalized Liquid Natural Rubber from Low Grade Rubber</p>
viii.	Consultancy	<p>Technical Committee on Physical Test (Malaysian Rubber Board) (2009 – Present)</p> <ul style="list-style-type: none"> <li>- Certificate of Malaysia Standard (MS) (MS ISO 1431-1:2008, MS ISO 1827:2008, MS ISO 188:2008, MS ISO 5603:2008, MS ISO 815-1:2009, MS ISO 815-2:2009, MS ISO 37:2009, MS ISO 48:2009, MS 2450:2012, MS 1157-40:2013, MS ISO 37:2015, MS ISO 1817:2015 &amp; MS ISO 1853:2015)</li> </ul>
ix.	Other Relevant Information	<ol style="list-style-type: none"> <li>1. Member of Research Initiative Group (RIG) – Green Technology. Entiti Kecemerlangan 5 (EK5) UiTM</li> <li>2. Served as a minute’s taker of several PhD and Master Viva Voice (2015-2017)</li> <li>3. Served as an examiner of several M.Sc. pre-Viva theses (2015-2017)</li> <li>4. Served as an examiner of several Final year research projects, Faculty of Applied Science, UiTM. (2002 to Present)</li> <li>5. Curriculum reviewer for: <ul style="list-style-type: none"> <li>- Program Diploma Teknologi Polimer (AS113),</li> <li>- Program Sarjana Muda Sains (Kepujian) Teknologi Polimer (AS243)</li> </ul> </li> <li>6. Coordinator of Final Year Project Student (2016)</li> </ol>
	<b>Field of expertise</b>	Polymerization Process, Rubber Modification and Biomimetic Polymers