

### Curriculum Vitae of Academic Staff Teaching In This Programme

i.	Full Name	<b>Hairul Amani Binti Abdul Hamid</b>
ii.	Academic Qualifications	<p><b>2002</b> Master of Science (Chemistry) Universiti Kebangsaan Malaysia, Bangi, Malaysia.</p> <p><b>1995</b> Bachelor of Science (Hons.) (Chemistry) University of Malaya, Kuala Lumpur, Malaysia.</p>
iii.	Current Professional Membership	<ul style="list-style-type: none"> <li>- Persatuan Sains Analisis Malaysia (ANALIS): Life member</li> <li>- Persatuan Sains Analisis Malaysia (ANALIS): Board member session 2018/2021</li> <li>- HADIAH ANALIS : Committee member/Chair person Organized by Persatuan Sains Analisis Malaysia (ANALIS)</li> <li>- Institut Kimia Malaysia (IKM): Member</li> <li>- Royal Society of Chemistry (RSC), Thomas Graham House, Milton Road, Science Park, Cambridge, CB4 0WF, United Kingdom: Associate member (AMRSC)</li> </ul>
iv.	Current Teaching and Administrative Responsibilities	<ul style="list-style-type: none"> <li>- Resource Person (RP) of Physical Chemistry I (CHM 471)</li> <li>- Resource Person (RP) of Physical Chemistry (CHM 476)</li> </ul>
v.	Previous Employment	<p>May 2003- Nov. 2003 <b>Chemistry Lecturer</b> Faculty of Applied Sciences Universiti Teknologi MARA, Jengka, Pahang</p> <p>Dec. 2003- June 2012 <b>Chemistry Lecturer</b> International Education College Universiti Teknologi MARA Section 17 Campus Shah Alam</p> <p>Jul. 2012- present <b>Chemistry Lecturer</b> School of Chemistry and Environment Faculty of Applied Sciences Universiti Teknologi MARA, Shah Alam</p>
vi.	Conference and Training	<p><i>i. Refereed conference proceedings</i></p> <p>-Nil</p> <p><i>ii. Conference Presentations</i></p> <p>1. <b>Hairul A. A. Hamid</b>, Rauzah Hashim, N. Idayu Zahid, Azani Saleh, Norizan Ahmat and Nurul Fadhilah Kamalul Aripin Plant-based Glycolipid Biosurfactants and Their Applications 7<sup>th</sup> Asian Conference on Colloid and Interface Science (ACCIS 2017). 8 – 11 August 2017, Kuala Lumpur, Malaysia</p> <p>2. <b>Hairul A. A. Hamid</b>, Azani Saleh and Norizan Ahmat An Overview of Plant-Based Surfactants</p>

		Asian Conference on Engineering and Natural Sciences (ACENS 2018). 6 – 8 February 2018, Osaka, Japan
vii.	Research and Publications	<p><b>Articles in Refereed Journals</b></p> <p>1. Brooks, N.J., <b>Hamid, H.A.A.</b>, Hashim, R., Heidelberg, T., Seddon, J.M., Conn, C.E., Husseini, S.M.M., Zahid, N.I. and Hussen, R.S.D. (2011). Thermotropic and lyotropic liquid crystalline phases of guerbet branched-chain <math>\beta</math>-D-glucosides. <i>Liquid Crystals</i>. (Taylor &amp; Francis, ISI, Impact Factor: 1.858).</p> <p>2. <b>Hamid, H.A.A.</b>, Hashim, R., Seddon, J.M., and Brooks, N.J. (2014). Lyotropic phase behaviour and structural parameters of monosaccharide and disaccharide guerbet branched-chain <math>\beta</math>-D-glycosides. <i>Advanced Materials Research</i>. (Trans Tech Publications, Scopus-2014, Q3)</p> <p>3. Norina Rahim, Norizan Ahmat, Norrizah J. S., Nurul Fadhilah Kamalul Aripin, <b>Hairul A. A. Hamid</b> and Azani Saleh. (2018). A Review on Phase Behaviour of Glycolipids Derived from Plants. <i>Materials Today: Proceedings</i> (Accepted for publication) (Scopus – 2017)</p> <p>4. Ayub Md. Som, Norizan Ahmat, <b>Hairul Amani Abdul Hamid</b> and NurMardhiyyah Azizuddin. (2018). A Comparative Study of <i>Hylocereus Undatus</i> (White Dragon Fruit) Foliage and Peel for Antioxidant Activity and Phenolic Content. <i>Food Chemistry</i>. (ISI (Q1), Impact Factor: 4.046)</p> <p>5. Norina Rahim, Norizan Ahmat, Norrizah J. S., <b>Hairul A. A. Hamid</b> and Azani Saleh. (2018). Preliminary Phytochemical Analysis of Malaysian <i>In Vitro</i> Cultured Aromatic Rice (<i>Oryza sativa</i> L. Cv. MRQ74) Manuscript has been accepted for CSSR2018 publication in selected indexed journals (Scopus, WoS, ERA and MyCite). CSSR2018 : 5<sup>th</sup> International Conference on Science and Social Research</p> <p>6. <b>Hairul A. A. Hamid</b>, Rauzah Hashim and Noor I. M. Zahid. (2018). Lyotropic Lamellar Phase of Guerbet Branched-Chain Maltoside as Functions of Hydration and Temperature. (Manuscript in preparation)</p> <p><b>Articles in Proceeding</b></p> <p>1. <b>Hamid, H.A.A.</b>, Hashim, R., Seddon, J.M., and Brooks, N.J. (2015).</p>

viii.	Consultancy	Nil
ix.	Community Service	Nil
x.	Other Relevant Information	Nil
	<b>Field of expertise</b>	Liquid crystals, glycolipids, membrane biophysics, foamed polymeric materials.