

Curriculum Vitae of Academic Staff

i.	Full Name	SABRINA M YAHAYA
ii.	Academic Qualifications	<p>2006 Master of Engineering (Chemical Engineering) UNIVERSITI TEKNOLOGI MALAYSIA, JOHOR, MALAYSIA.</p> <p>2001 Bachelor of Applied Chemistry, UNIVERSITI TEKNOLOGI MARA, SHAH ALAM MALAYSIA</p>
iii.	Current Professional Membership	Institute of Materials Malaysia (IMM)
iv.	Current Teaching and Administrative Responsibilities	<ul style="list-style-type: none"> - Resource Person (RP) of Application of Computer in Chemistry (CMT400) - Instructor of Electrochemistry and Corrosion Science (CMT555) - Instructor of Unit Operations (CMT463) - Instructor of Application of Computer in Chemistry (CMT400)
v.	Previous Employment	<p>June 2006 Lecturer</p> <p>- Present Applied Chemistry Program, UiTM Shah Alam</p>
vi.	Conference and Training	<ol style="list-style-type: none"> 1. International Conference of Advanced Materials and Manufacturing Engineering 2017 (ICAMME 2017), 8th and 9th August 2017 at UUIM, Kuala Lumpur, Malaysia (Presenter/Participant). 2. 8th International Conference on nanoscience and Nanotechnology 2017 (Nano-SciTech 2017). 24-27 February 2017, Universiti Teknologi MARA, Shah Alam, Malaysia (Presenter/Participant). 3. 3rd International Conference on Green Design Manufacture (ICoNGDM 2017), 28-30 April 2017, Krabi, Thailand. 4. The 24th Regional Symposium of Malaysian Analytical Sciences (SKAM 24), 21-23 November 2011, Langkawi, Malaysia. 5. XIV International Clay Conference, Association Internationale pour l'etude Des Argiles. 14 - 20 June 2009, Italy. 6. The 1st Aun/Seed-Net Regional Conference on Materials. 11 Feb 2009, USM, Penang, Malaysia.

		<p>7. Simposium Kimia Analisis Malaysia Ke-21 (SKAM 21). 25 – 27 November 2008. Universiti Malaysia Sabah, Kota Kinabalu, Sabah.</p> <p>8. Seminar on Current Development and Future Trends of Coatings Industry. 20 - 21 Ogos 2008. FSG UiTM Shah Alam & Institute of Materials Malaysia.</p> <p>9. Workshop on Electrochemical Impedance Spectroscopy. 20 - 21 Nov 2007. AMREC SIRIM, Kulim Kedah.</p>
vii	Research and Publications	<p>Refereed Journal Publications</p> <ol style="list-style-type: none"> 1. R.E. Ibrahim, R.Rosmamuhamadani, M.K.Talari, Sabrina, M. Yahaya, S. Sulaiman, M.I.S Ismail- Preliminary Study on Properties of Aluminium-Silicon (Al-Si) Alloy Reinforced by in-Situ Titanium Diboride (TiB₂). Key Engineering Materials, Vol. 737, pp. 11-15, 2017. 2. R. Rosmamuhamadani¹, S. Sulaiman, M.A. Azmah Hanim, M.I.S. Ismail, M.K. Talari, and Sabrina M. Yahaya. Corrosion Characterisation of Al-Cu Reinforced In-Situ TiB₂. MATEC Web of Conferences, Vol. 78, p.p 01001, IConGDM 2016. 3. R.Rosmamuhamadani, M.K.Talari, Sabrina M. Yahaya, S.Sulaiman, M.I.S Ismail Mechanical Properties of Titanium-Hydroxyapatite (Ti-HA) Composite Coating on Stainless Steel by Thermal Spraying. Advanced Materials Research, Vol. 974, pp. 152-156, 2014. 4. Faustina E. Sangok, Sabrina M. Yahaya, Nurul I. Taib, Siti Z. Sa'ad and Nor F. Rasaruddin. Comparison study of aminopropyl-functionalized and mercaptopropyl-functionalized SBA-15. Advanced Material Research, Vol. 554-556, pp. 657-660, 2012. 5. Faustina E. Sangok, Sabrina M. Yahaya, Nurul I. Taib, Siti Z. Sa'ad and Nor F. Rasaruddin. Comparison study of aminopropyl-functionalized and mercaptopropyl-functionalized MCM-14. Advanced Material Research, Vol. 550-553, 2012, pp. 1603-1606.

		<p>Conference Proceedings</p> <ol style="list-style-type: none"> 1. Sabrina M Yahaya, M. K. Harun, Rosmamuhamadani Ramli, N.N. Bonnia, Suzana R. Polypyrrole and Poly(m-aminophenol) Coatings as Corrosion Protection of Mild Steel. International Conference of Advanced Materials and Manufacturing Engineering 2017 (ICAMME 2017), 8th and 9th August 2017 at UUM, Kuala Lumpur, Malaysia. 2. Faustina E, Sangok, Nor F. Rasaruddin, Sabrina M. Yahaya, Nurul I. Taib and Siti Z. Sa'ad. Adsorption of Cu (II) by using modified SBA-15. Proceeding of 2012 IEEE, Symposium on Business, Engineering and Industrial Applications. ISBN 978-1-4577-1632-4. 3. Faustina E. Sangok, Nor F. Rasaruddin, Sabrina M. Yahaya, Nurul I. Taib and Siti Z. Sa'ad. Comparison study of Cu (II) adsorption by using aminopropyl and vinyl functionalized MCM-41. Proceeding of 2012 IEEE, Symposium on Business, Engineering and Industrial Applications. ISBN 978-1-4577-1632-4.
vii i.	Consultancy	
ix.	Community Service	
x.	Other Relevant Information	<ol style="list-style-type: none"> 1. Served as an auditor, Faculty of Applied Sciences, UiTM, Shah Alam (2008-2012). 2. Served as evaluator of several M.Sc proposals (2011 and 2017). 3. Committee Member (Venue) of SAFE 2017 Conference, FSG, UiTM Shah Alam. 4. Committee Member of UiTM Alumni 2017. 5. Committee Member of Misi Akademik UiTM, Shah Alam (2008-2012). 6. Served as Coordinator of Final Year Project for Applied Chemistry Students (2010-2012). 7. Served as Counselor of Projek Tunas Mekar Wilayah Persekutuan (Sept 2009 – Sept 2010). 8. Served as Facilitator Modul Latihan Pembangunan & Kepimpinan Pelajar (2006 – 2008). 9. Served as Advisor for Applied Chemistry Student Club (ACES) (2007 – 2010).
	Field of expertise	Thin Film Coating, Corrosion, Water and wastewater treatment, Adsorption.