



PERSONAL INFO

Name :	Assoc. Prof. Dr. Famiza Binti Abdul Latif
Faculty :	Faculty of Applied Sciences
Staff No :	129004
Grade of Position (VK7/DM54/DM52 etc)	DM54
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BASIC PROFILE

Appointments	Date/Year of Appointment
Lecturer	1996
Senior Lecturer	Julai 2008
Associate Prof.	Julai 2013
Qualification	
Masters (Year Obtained)	2000
Ph.D Qualification (Year Obtained)	2006
h-index	
Scopus (25/4/2019)	6
Google Scholar	8
Citations	
Scopus (25/4/2019)	224
Google Scholar	297

POSTGRADUATE SUPERVISION

PhD SUPERVISION COMPLETED

No.	Students Name	Institutions	Year Enrolled	Year End
1.	Nabilah Akemal Bt Muhd Zailani	UiTM	2014	2019
2.	Shahril Fadli Bin Mohamad Zamri	UiTM	2011	2018
3.	Sharifah Fauziah Syed Deraman (co-supervisor)	UKM	2011	2014

MASTER (RESEARCH) SUPERVISION COMPLETED

No.	Students Name	Institutions	Year Enrolled	Year End
1	Siti Izzati Husna Binti Mohd Azuan	UiTM	2013	2017
2	Mas Fiza Mustafa	UiTM	2010	2014
3	Nur Aziati Bt Tahar@ Yusoff	UiTM	2007	2010
4	Mohd Hafiz bin Yaakob	UiTM	2007	2010
5	Siti Fatimah Mohammad Yaacob	UiTM	2008	2010
6	Wan Faizah Wan Abd Ghapar	UiTM	2008	2010
7.	Zeyana Saif Mubarak Al-Shakili	UiTM	2006	2009

On-Going PhD SUPERVISION

	Students Name	Institutions	Year Enrolled	Year End
1	Zeyana Saif Mubarak Al-Shakili	UiTM	2017	-
2	Fazni Suzila Bt. Abdul Ghani	UiTM	2016	-
3	Ruhani Ibrahim	UiTM	2012	-
4	Norashima Binti Kamaluddin	UiTM	2012	-

ON-GOING MSc SUPERVISION

	Students Name	Institutions	Year Enrolled	Year End
1	Nur Diyana Syazwani Binti Zambri	UiTM	2017	-
2	Nik Abdul Aziz Bin Nik Abd Rahman	UiTM	2016	-

RESEARCH FUNDINGS

INDUSTRIAL RESEARCH FUNDING (Last Five Years)

No.	Research Project	Source	Total Funds	Begin Year	End Year
1	Synthesis And Characterization Of Novel Conducting Pmma-Based Polymer Via In Situ Free Radical Polymerization In Ionic Liquid For Electrochemical Devices	Malaysia Toray Science Foundation	RM15,000	2017	2017
2	Novel Liquid-based PMMA Oligomer Electrolytes for Proton Conducting Battery	Malaysia Toray Science Foundation	RM15,000	2013	2015

NATIONAL LEVEL ACTIVE RESEARCH FUNDING (MOSTI/FRGS & Others) (Last Five Years)

No.	Research Project	Source	Total Funds	Begin Year	End Year
1	Structural, Thermal And Electrical Properties Of Flexible Acrylate Films From Newly Synthesized Pmma Containing Ionic Liquid	FRGS Principal Researcher	RM 78,2000	2019	2020
2	Photocatalytic Activity Of Hybrid Conducting Polymers Nanocomposite	FRGS Member	RM 91,725.00	2019	2020
3	Enhancement Of Functional Properties Of Unripe Local Banana Starch Through Crosslinking And Pre-Gelatinised Methods.	FRGS Member	RM 90,200.00	2019	2020
4	MCM-41/Poly(N-Isopropyl Acrylamide)/Superparamagnetic Iron Oxide Nanoparticles Composite: Preparation, Characterization And Temperature Responsive Drug Release Properties	FRGS Member	RM 95,612.00	2017	2019
5	Electrochemical Studies Of Composite Biopolymer Electrolyte Based On Cellulose Derivatives From Leucaena Leucocephala	FRGS Member	RM 74,200.00	2016	2019
6	Ionic Conductivity Of Waste Cooking Oil-Based Polyurethane Solid Polymer Electrolyte	RAGS Member	RM 80,000	2014	2016
7	Effects Of Ionic Liquid On Ion-Ion Interaction In Polymer Electrolytes Pvc-Licf3so3-Bmimcf3so3	FRGS Member	RM 86,700	2014	2016
8	Thermodynamic Equilibrium Behaviour Of New Amine-Ionic Liquid Mixtures For Carbon Dioxide Capture	FRGS Member	RM 83,200	2014	2016
9	Synthesis of Acid-Doped Liquid Poly(methyl Methacrylate) Electrolytes	FRGS Principal Researcher	RM 74,000	2013	2015
10	Effects of Organically Modified SiO ₂ on the Homogeneity and Ionic Conductivity of LiBF ₄ Doped PMMA/ENR 50 Polymer Electrolytes	RAGS Member	RM 80,000	2013	2015

UiTM Research Grant (Last Five Years)

No.	Research Project	Source	Total Funds	Begin Year	End Year
1	Flexible Acrylates For Safer Rechargeable Batteries	BESTARI PERDANA Principal Researcher	RM 25,000.00	2018	2019
2	Effect Of Molecular Weight On The Conductivity Performance Of Polymer Electrolyte System	DANA REI Member	RM 32,000.00	2017	2019
3	Ionic Conductivity Analyses Of Newly Synthesized Acid-Doped Liquid Polymer Electrolyte Base On Poly(Methyl Methacrylate) Part 2	DANA PSI Principal Researcher	RM 60,000	2013	2015

RESEARCH CONSULTATION

No.	Research Project	ROLE	CLIENT	Total Funds	Begin Year	End Year
1	ADVISORY AND CONSULTANCY FOR THE DEVELOPMENT OF CABLE PROTECTION SLAB USING COAL ASH AND RESIN	Project Leader	TNBR	RM 139,925.70	2018	2018

PUBLICATIONS

No.		Year
1	Synthesis of flexible acrylates films AIP Conference Proceedings, 2030(1); https://doi.org/10.1063/1.5066760 N. A. M. Zailani, F. A. Latif , A. M. M. Ali, M. A. A. Rani, and M. Z. A. Yahya	2018
2	FTIR study on the effect of free ions in PMMA/ENR 50 polymer electrolyte system AIP Conference Proceedings, 2020(1); https://doi.org/10.1063/1.5062702 N. A. A. Rahman, S. Navaratnam, S. Z. Z. Abidin, and F. A. Latif	2018
3	Filler and polymer interactions in polymethyl methacrylate/50% epoxidized natural rubber/silicon dioxide nanocomposites Malaysian Journal of Analytical Science, 22 (4), 586 Zamri, S.F.M., Latif, F.A. , Ali, A.M.M., (...), Kamaluddin, N., Hadip, F.	2018
4	Green Synthesis of Iron Oxide Nanoparticles (Fe ₃ O ₄ -NPs) using Azadirachta Indica Aqueous Leaf Extract International Journal of Engineering & Technology (IJET) (ISSN 2227-524X) Vol 7, No 4.18: Special Issue 18 Nurul Izza Taib, Famiza Abdul Latif , Zakiah Mohamed, Nur Diyana Syazwani Zambri,	2018
5	Exploration on effects of 15 nm SiO ₂ filler on miscibility, thermal stability and ionic conductivity of PMMA/ENR 50 electrolytes SFM Zamri, FA Latif , AMM Ali, R Ibrahim, SIHM Azuan, N Kamaluddin, F Hadip AIP Conference Proceedings 1809 (1), 020049	2017
6	Effect of ionic liquid incarceration during free radical polymerization of PMMA on its structural and electrical properties NAM Zailani, FA Latif , AMM Ali, LW Zainuddin, R Kamaruddin, MZA Yahya Ionics 23 (2), 295-301	2017
7	Comparison studies of SiO ₂ and HCl-SiO ₂ filler on the film formation and ionic conductivity of PMMA/ENR 50 electrolytes. Zamri, S.F.M. , Latif, F.A. , Azuan, S.I.H.M., Marwan Ali, A.M., Ibrahim, R., Kamaluddin, N., Hadip, F. <i>Advanced Materials Letters</i> , 7 (6), pp. 456-460	2016
8	Effects of dodecanoic acid modified SiO ₂ on filler dispersion and ionic conductivity of PMMA/ENR 50/LIBF ₄ electrolytes Mohd Azuan, S.I.H. , Abdul Latif, F. , Mohamad Zamri, S.F. <i>Materials Science Forum</i> , 846, pp. 528-533	2016
9	Anions Effect on the Electrical Properties of PMMA/ENR 50 Blend Electrolytes. Famiza Latif , Sharil Fadli Mohamad Zamri, Madzlan Aziz. <i>Advanced Materials Research</i> , SOLID STATE SCIENCE AND TECHNOLOGY Towards an Immersive Breakthrough, 2015. Page(s):145-150	2015

No.		Year
10	The Potential of Novel Liquid PMMA Oligomer as Electrolyte in Electrochemical Devices. Norashima Kamaluddin, Famiza Abdul Latif , Ruhani Ibrahim, Sharil Fadli Mohamad Zamri. Proceedings of the 8 th International Conference on Environmental and geological Science and Engineering:, Salerno, Italy, June 27-29 Energy, Environmental and Structural Engineering Series, Page(s):343-347	2015
11	The Effect Of H ₂ so ₄ Concentration On The Ionic Conductivity Of Liquid PMMA Oligomer. Norashima Kamaluddin, Famiza Abdul Latif , Chan Chin Han, Ruhani Ibrahim, Sharil Fadli Mohamad Zamri. <i>Malaysian Journal of Analytical Sciences</i> Volume 19 (4) Page(s): 658-662	2015
12	Effects of Acid Modified SiO ₂ on Ionic Conductivity and Blend Properties of LiBF ₄ Doped PMMA/ENR 50 Electrolytes. Sharil Fadli Mohamad Zamri, Famiza Abdul Latif . <i>Advanced Materials Research</i> , SOLID STATE SCIENCE AND TECHNOLOGY Towards an Immersive Breakthrough, Page(s) : 187-193	2015
13	The Effect of HCl Concentration on the Ionic Conductivity of Liquid PMMA Oligomer. Norashima Kamaluddin, Famiza Abdul Latif , Chan Chin Han. <i>Advanced Materials Research</i> , SOLID STATE SCIENCE AND TECHNOLOGY: Towards an Immersive Breakthrough, Page(s) : 200-204	2015
14	Ionic Conductivity and Dielectric Properties of LiBF ₄ Doped PMMA/ENR 50 Filled Acid Modified SiO ₂ Electrolytes. SFM Zamri, FA Latif , R Ibrahim, N Kamaluddin, F Hadip. <i>Procedia Technology</i> 15, Page(s) : 850-856	2014
15	Characterization and Thermal decomposition Kinetics of Kapok (Ceiba Pentandra L.)-Based Cellulose, Sharifah Fauziah S Draman, Rusli Daik, Famiza A Latif and Said M El-Sheikh. <i>BioResources</i> 9(1) Page(s) : 8-23	2014
16	The Anti-Plasticization Effects of Dimethyl Carbonate Plasticizer in poly(methyl methacrylate) Electrolyte Containing Rubber. Famiza Latif and Madzlan aziz. <i>Materials Science and Applications. Vol 4(11)</i>	2013
17	SiO ₂ Filler as Interface Modifier in PMMA/ENR 50 Electrolytes. Sharil Fadli Mohamad Zamri and Famiza Latif . <i>Advanced Materials Research Vol 812</i> Page(s) 120-124	2013
18	Nanocomposite of Cellulose-based Adhesived and Toluenesulfonic acid-doped Polypyrrole Prepared via Colloidal Dispersion. Sharifah Fauziah S Draman, Rusli Daik, Said M El-Sheikh and Famiza A Latif . <i>Reinforced Plastics & Composites</i> .	2013
19	AFM Image of Collagen on Induced Alligned Fluoropolymer Substrates, M.D. Rozana, M.J. Reece. L. Famiza , A.N. Arshad, S.I. Ismail, M.H. wahid and M.N. Sarip. <i>Journal of Applied Sciences. 12(7):</i> Page(s) : 681-686	2012
20	Dielectric Properties of Collagen on Plasma Modified Polyvinylidene Fluoride, Dahan, RM, S.I. Ismail. Famiza Latif , M.N. Sarip, M.H. Wahid and A.N.Arshad. <i>American Journal of Applied Sciences. 9</i>	2012

No.		Year
21	Effect of PTFE and OTS on the Ferroelectric Properties of PVDF-TRFE Thin Films. M.D. Rozana, M.J. Reece, Famiza Latif , M.H. wahid, A.N. Arshad and M.N. Sarip. <i>World Applied Sciences Journal</i> . 16(9): Page(s) : 1196-1202	2012
22	The coagulation impact of 50% epoxidised natural rubber chain in ethylene carbonate-plasticized solid electrolyte. Latif, F. , Aziz, M., Ali, A.M.M., Yahya, M.Z.A. <i>Macromolecular Symposia</i> 277 (1), Page(s) : 62-68	2009
23	Oil Palm EFB Flexural Behaviour in Concrete Roofing Slates. Kaliwon, J., Sh Ahmad, S., Abdul aziz, A., Abdul Latiff, F. <i>World academy of Science, Engineering and Technology</i> . Page(s)60	2011
24	Conductivity studies of phosphonated methylcellulose membrane. Noor, F.W.M., Kudin, T.I.T., Ali, A.M.M., Latif, F. , Yahya, M.Z.A. <i>Materials Research Innovations</i> .13 (3), Page(s) 243-245	2009
25	Grafted natural rubber-based polymer electrolytes: ATR-FTIR and conductivity studies. Ali, A.M.M., Subban, R.H.Y., Bahron, H., Winie, T., Latif, F. , Yahya, M.Z.A., <i>Ionics</i> 14 (6), Page(s) 491-500	2008
26	The role and impact of rubber in poly(methyl methacrylate)/lithium triflate electrolyte. Latif, F. , Aziz, M., Katun, N., Ali, A.M.M., Yahya, M.Z. <i>Journal of Power Sources</i> 159 (2), Page(s) 1401-1404	2006
27	XRD and surface morphology studies on chitosan-based film electrolytes Yahya, M.Z.A., Harun, M.K., Ali, A.M.M., Mohammat, M.F., Hanafiah, M.A.K.M., Ibrahim, S.C., Mustaffa, M., (...), Latif, F. <i>Journal of Applied Sciences</i> 6 (15), pp. 3150-3154	2006
28	The impedance spectroscopy studies of PVC / ENR 50 / LiCF 3so3 and PMMA / ENR 50 / LiCF3so3 electrolytes Aziz, M., Latif, F. , Chew, C.L., Katun, N. <i>Diffusion and Defect Data Pt.B: Solid State Phenomena</i> 111, pp. 67-70	2006

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1.	Synthesis of Flexible Glass for Energy Storage Devices	LY2018004041