



PERSONAL PARTICULARS

Full Name : Suzi Salwah binti Jikan
 Age / Sex : 39 / Female
 IC / Nationality : 750117-10-5280 / Malaysia
 Race / Religion : Malay / Islam
 Marital Status : Married
 Birth date / place : 17 January 1975 / Petaling Jaya, Selangor
 Home Address : No. 1, Jln Wira 6, Tmn Wira, 84600 Parit Raja, Johor
 Contact number : 012 – 558 1078
 Email : suzi@uthm.edu.my, suzi_salwah@yahoo.com
 Current position : Senior Lecturer

EDUCATION

- 2005 – 2010 : Ph.D / Universiti Sains Malaysia
 Area : Polymer Engineering
 Specialisation : Polymer Melt Rheology
 Thesis: Evaluation on flow behaviour of polypropylene/kaolin composite at high shear stress
- 2003 – 2004 : M.Sc / Universiti Sains Malaysia
 Area : Materials Engineering
 Specialisation: Polymer
 Thesis: Rheological behaviour of multicomponent (talc and CaCO₃) filled polypropylene
- 1995 – 1999 : B. Eng. (Hons) / Universiti Sains Malaysia
 Area : Materials Engineering
 Dissertation: Alumina/Stanum Dioxide Composite
- 1993 – 1995 : Matric. I/II (SERATAS, Taiping / USM)
- 1988 – 1992 : SPM / SRP (SM Damansara Jaya, Petaling Jaya)
- 1982 – 1987 : Primary Ed. (SRK Damansara Jaya, Petaling Jaya)

WORKING EXPERIENCE

- Apr – Dec 2009 : Research Officer
 School of Materials and Minerals Resources Engineering, USM.
- 2007 – 2008 : Tutor / Lab Demonstrator
 School of Materials and Minerals Resources Engineering, USM
- 1999 – 2001 : Teacher
 Al-Falaah School, Bandar Seri Begawan, Brunei Darussalam.
- Nov 1997 – Feb 1998 : Trainee Engineer (Industrial Training)
 Sime Sembawang Engineering, Pasir Gudang, Johor.

PUBLICATIONS**International Journals**

1. **S.S. Jikan**, I. Mat Arshat, Nur Azam Badarulzaman (2013) *Melt Flow And Mechanical Properties Of Polypropylene/recycled Plaster Of Paris*, Applied Mechanics and Materials, 315, pp905-908
2. Nur Azam Badarulzaman, M.A.M. Amiroll, M.Z. Noh, **S.S. Jikan**, Z.M. Yunus (2013) *Effect Of Mica Content On The Physical, Mechanical And Morphological Properties Of Alumina-cullet-mica Ceramic*, Applied Mechanics and Materials, 315, pp919-923
3. A. Ariffin, Z.M. Ariff & **S.S. Jikan** (2011) *Evaluation on extrudate swell and melt fracture of polypropylene/kaolin composites at high shear stress*, Journal of Reinforced Plastics and Composites, 30(7):609-619 (IF: 0.763).
4. N.A. Abdul Rahim, Z.M. Ariff, A. Ariffin & **S.S. Jikan** (2011) *Study on effect of filler loading on the flow and swelling behaviors of polypropylene-kaolin composites using single-screw extruder*, Journal of Applied Polymer Science, 119, pp73-83, DOI: 10.1002/app.32541 (IF: 1.187)
5. A. Ariffin, Z. M. Ariff and **S.S. Jikan** (2011) *Evaluation on nonisothermal crystallization kinetics of polypropylene/kaolin composites by employing Dobreva and Kissinger methods*, Journal of Thermal Analysis And Calorimetry, 103(1), pp171-177, DOI: 10.1007/s10973-010-1013-4 (IF: 1.604)
6. A. Ariffin, A.S. Mansor, **S.S. Jikan** & Z.A. Mohd. Ishak (2010) *Evaluation of hybridizing talc and surface-treated kaolin on the properties of PP hybrid composites*, Journal of Reinforced Plastics and Composites, 29(23):3429-3441 (IF: 0.763).
7. A. Ariffin, M.Z. Ariff & **S.S. Jikan** (2010) *Effects of kaolin and maleic anhydride contents on melt elasticity and flexural behaviour of polypropylene/kaolin and unplasticised poly(vinyl chloride)/kaolin composites*, e-Polymer, 095, pp.1-14. (IF: 1.34)
8. **S.S. Jikan**, Z.M. Ariff & A. Ariffin (2010) *Influence of filler content and processing parameter on the crystallization behaviour of PP/kaolin composites*, Journal of Thermal Analysis and Calorimetry. Online 06 May 2010, DOI: 10.1007/s10973-010-0782-0 (IF: 1.630)
9. **S.S. Jikan**, M.S.F. Samsudin, Z.M. Ariff, Z.A.M. Ishak & A. Ariffin (2009) *Relationship of Rheological Study with Morphological Characteristics of Multicomponent (Talc and Calcium Carbonate) Filled Polypropylene Hybrid Composites*, Journal of Reinforced Plastics and Composites, 28(21):2577-2587 (IF: 0.763).
10. A. Ariffin, A.S. Mansor, **S.S. Jikan** & Z.A.M. Ishak (2008) *Mechanical, morphological, and thermal properties of polypropylene/kaolin composite. Part I. The effects of surface-treated kaolin and processing enhancement*, Journal of Applied Polymer Science, 108(6):3901-3916. (IF: 1.187) (Cited: 2).
11. A. Ariffin, **S.S. Jikan**, M.S.F. Samsudin, Z.M. Ariff and Z.A.M. Ishak (2006) *Melt elasticity phenomenon of multicomponent (talc and calcium carbonate) filled polypropylene*. Journal of Reinforced Plastics and Composites, 25(9):913-923. (IF: 0.763) (Cited: 3).
12. M.S.F. Samsudin, Z.A.M. Ishak, **S.S. Jikan**, Z.M. Ariff, A. Ariffin (2006) *Effect of filler treatments on rheological behaviour of calcium carbonate and talc-filled polypropylene hybrid composites*.

Journal of Applied Polymer Science. 102:5421–5426 (IF: 1.187) (Cited: 1).

Seminar, Conference & Proceeding

1. **Suzi Salwah Jikan** (2014) *Perancangan dan Penambahbaikan Kaedah Pengajaran Berdasarkan Pengajaran Reflektif dan Kajiselidik VAK*, Seminar Kajian Tindakan Pembelajaran & Pengajaran 2013, 10 Februari 2014, Batu Pahat, Johor
2. **S.S. Jikan**, S.S. Abdullah, M.H. Ismail, N.A. Ismail, and N.A. Badarulzaman (2013) *Multilayer of Ni/Cu Coating Produced Via Electroplating Process*, International Conference on Mechanical & Manufacturing Engineering 2013 (ICME 2013), 17th - 18th December 2013, Bangi-Putrajaya, Malaysia.
3. N.A.Badarulzaman, **S.S. Jikan** and N.A.M. Noor (2011) *Comparison of Mechanical Properties between Tapioca Starch and Corn Starch as Fillers in LDPE*, Malaysian Technical Universities International Conference on Engineering & Technology (MUiCET 2011), 13-15 November 2011, Batu Pahat, Johor
4. **S.S. Jikan**, Z.M. Arif & A.Ariffin (2009) *Extrudate swell and melt fracture of polypropylene-kaolin composites at high shear stress*, 4th International Conference on Recent Advances in Materials, Minerals and Environment & 2nd Asian Symposium on Materials Processing (RAMM & ASMP 2009), 1-3 June 2009, Penang, Malaysia
5. **S.S. Jikan**, Z.M. Arif & A. Ariffin (2009) *Effect of kaolin content on thermal analysis of polypropylene-kaolin composites*, 4th International Conference on Recent Advances in Materials, Minerals and Environment & 2nd Asian Symposium on Materials Processing (RAMM & ASMP 2009), 1-3 June 2009, Penang, Malaysia.
6. **S.S. Jikan**, Z.M. Arif & A. Ariffin (2008) *A morphological study of kaolin-filled polypropylene at high shear rates*, VIIIth National Symposium On Polymeric Materials (NSPM 2008), Naza Hotel, Penang, 26-27 Nov. 2008.
7. **S.S. Jikan**, Z.M. Arif & A. Ariffin (2008) *The flow behaviour of kaolin-filled polypropylene at high shear rates*, VIIIth National Symposium On Polymeric Materials (NSPM 2008), Naza Hotel, Penang, 26-27 Nov. 2008.
8. **S.S. Jikan**, Z.M. Arif & A. Ariffin (2007) *Effect of maleic anhydride content on melt fracture and flexural behaviour of polypropylene/kaolin and unplasticised poly(vinyl chloride)/kaolin composites*, VIIth National Symposium On Polymeric Materials (NSPM 2007), Universiti Kuala Lumpur City Campus, 27-28 Nov. 2007.
9. **S.S. Jikan**, Z.M. Arif & A. Ariffin (2007) *Effect on tensile and morphological properties of polypropylene/kaolin composites*, 3rd Colloquium on Postgraduate Research Colloquium on Materials, Minerals and Polymers (MAMIP 2007), Vistana Hotel, Penang, 10-11 April 2007.
10. **S.S. Jikan**, Y. Lazim, Z.M. Ariff & A. Ariffin (2007) *Effects of kaolin and maleic anhydride contents on melt elasticity phenomenon of polyporpylene/kaolin composite*, 3rd Colloquium on

Postgraduate Research Colloquium on Materials, Minerals and Polymers (MAMIP 2007), Vistana Hotel, Penang, 10-11 April 2007.

AWARDS / ACHIEVEMENTS

1. Anugerah Sanggar Sanjung USM 2006 – Publication Category
2. Young Scientist and Technologist Awards 2001, Brunei Association for Science Education (BASE), Brunei Darussalam – Supervisor for Al-Falaah School students' science project

TEACHING EXPERIENCE

COURSES TAUGHT

1. BWD 20903 – Food Technology Unit Process I (Sem. II Sesi 2013/2014)
2. BWM 12703 – Chemistry for Engineering Technology (Sem. I Sesi 2013/2014)
3. BWD 10703 – Physical Properties of Food (Sem. II Sesi 2012/2013)

SUPERVISION

PhD (In Progress)

1. Rozainita Rosley - HW120011 (as main supervisor), 2013 - present
2. Mohamed Ali A Salim (as co-supervisor), 2011 - present

Masters (In Progress)

1. Aishat Suleiman Abdullahi – GW 130007 (as main supervisor), 2013 - present
2. Shehu Isah Danlami - GW 130003 (as main supervisor), 2013 - present
3. Saber Salem Hassan - HW120025 (as co-supervisor), 2013 - present
4. Sharifah Sakinah bte Abdullah- HW120008 (as main supervisor), 2013 - present
5. Ashuvila bte Mohd Aripin - HW120004 (as co-supervisor), 2013 - present

Undergraduate (Completed)

1. Mohd Adham B. Abu Seman – CD100142 (as co-supervisor), 2013
2. Mohd Asrif b. Mohd Syahid - AD 090443 (as co-supervisor), 2012
3. Ismail bin Mat Arshat (as co-supervisor), 2011

COURSES/WORKSHOPS ATTENDED

1. Bengkel Pemantapan Pusat-Pusat Penyelidikan Fakulti Sains, Teknologi dan Pembangunan Insan (FSTPi), Bilik Seminar 9, FSTPi, UTHM, 11 Disember 2013.
2. Bengkel Pemurnian Objektif Pembelajaran Program (PEO) dan Hasil Pembelajaran Program (PLO) Bagi Program Sarjana dan Doktor Falsafah, Fakulti Sains, Teknologi dan Pembangunan Insan (FSTPi), Bilik Mesyuarat 2, FSTPi, UTHM, 11 Februari 2014.
3. Bengkel Scopus, Anjuran Unit Bantuan Penyelidikan & Pasca Ijazah, Akademi Perpustakaan Perpustakaan Tunku Tun Aminah, UTHM, 25 September 2013.

4. Diskusi Ilmu Bersama Dato' NC, UTHM, Dewan 3, UTHM, 16 Jan 2013
5. Kursus Asas Pembelajaran & Pengajaran Pensyarah Baharu UTHM, Dewan 5, DTII, UTHM, 15-26 Julai 2013
6. Bengkel Maklumbalas Audit MQA 02 Bagi Program Sarjana Sains dan Doktor Falsafah Sains Secara Penyelidikan, Bilik Mesyuarat 2, FSTPi, 28-29 Ogos 2013
7. Bengkel Penyediaan Laporan CLO, PLO dan CQI Program Akademik Anjuran FSTPi, UTHM, Hotel Msuite, J.B, 6-9 Sept 2013
8. Bengkel Pemurniaan Dokumen MQA 01 Program Baharu, Bilik Mesyuarat dan Bilik Perbincangan, FSTPi, 20 Ogos 2013
9. Bengkel MQA 02 Program Sarjana dan Doktor Falsafah Sains Secara Penyelidikan, Bilik Mesyuarat, FSTPi, 14 Jan 2013
10. Bengkel Penyediaan Spesifikasi Peralatan Jabatan Sains, FSTPi, Bilik Mesyuarat, FSTPi, 30-31 Jan 2013
11. Bengkel Perincian Bajet Jabatan Sains, FSTPi, Bilik Mesyuarat, FSTPi, 30-31 Jan 2013
12. Bengkel Penyediaan Polisi Plagiat Menggunakan Perisian Turnitin Anjuran PPS, UTHM, Hotel Selesa, JB, 22-24 Feb 2013
13. Bengkel Pentaksiran Berasaskan 'Outcome Based Education' Anjuran FSTPi, UTHM, Puteri Resort, Ayer Keroh, Melaka, 15-17 Mac 2013
14. Program Transformasi Minda, UTHM, Ayer Keroh, Melaka, 7-11 April 2013
15. Bengkel Pemantapan Makmal Kimia, FSTPi, Makmal Kimia, FSTPi, 29-30 April 2013
16. Kursus Understanding Learners Anjuran Pusat Pembangunan Dan Latihan Akademik (CAD), UTHM, Dewan 3, DTII, UTHM Tarikh: 14-15 Mei 2013
17. Syarahan Umum Bersama Prof Jemputan, Prof Alexei Nabok, Bilik Banquet, Dewan Konvokesyen, UTHM, 3 Jun 2013
18. Bengkel Penanda Aras Program-Program FSTPi Bersama Prof Jemputan, Prof Alexei Nabok, Bilik Mesyuarat, FSTPi, 3 Jun 2013
19. Bengkel Pengurusan Makmal Jabatan Sains, Bilik Perbincangan, FSTPi, 24 Jun 2013
20. Bengkel Penulisan Kreatif, Pusat Pengajian Kejuruteraan Mekanik, USM Engineering Campus, 20 Ogos 2008.
21. X-Ray Diffraction in Minerology, Palace Beach & Spa, Mines Resort City, 1 April 2008.
22. Occupational Safety and Health Course For Post-Graduate Students, Auditorium Hall, USM Engineering Campus, 30 July 2006.
23. Bengkel Asas Usahawan Internet, JW Marriott, Kuala Lumpur, 13 May 2006.

UNIVERSITY COMMITTEE

1. Faculty Representative – Pemasar Program Akademik Dalam "Johor Career & Postgraduate Expo 2014", Danga City Mall, Johor Bahru, 4 & 5 January 2014.
2. Invigilator – 1st Semester (2013/2014), F2 Atas, UTHM, 16 January 2013.
3. Invigilator – 1st Semester (2013/2014), Dewan Tengku Mahkota Ismail (DTMI) UTHM, 2 January 2013.
4. Chairman of PhD Thesis Pre-viva (12 Feb 2014) – Candidate's name: Pratama Jujur Wibowo, Faculty of Science, Technology and Human Development, Bilik Seminar 9, FSTPi, UTHM
5. Chairman of MSc Thesis Pre-viva (12 Feb 2014) – Candidate's name: Najahulfazliyah Binti Zainuddin, Faculty of Science, Technology and Human Development, Bilik Seminar 9, FSTPi, UTHM
6. Head of Chemistry and Biology Panel, Faculty of Science, Technology and Human Development , UTHM, Jan 2012 – present
7. Postgraduate Coordinator, Faculty of Science, Technology and Human Development , UTHM, April 2012 – Feb 2014
8. Programme Coordinator for Master of Science (Material Chemistry), Faculty of Science, Technology and Human Development , UTHM, 2013 – present
9. Course Coordinator, BWD 21003 – Food Processing Tech. I (SEM II Session 2013/2014)
10. Course Coordinator, BWM 12703 – Chemistry for Eng. Tech. (SEM I Session 2013/2014)
11. AJK Pembangunan Program Baharu Sarjana Muda Sains Teknologi Pemuliharaan Warisan, Mei 2012 – present
12. AJK Pembangunan Program Baharu Sarjana Muda Sains Industri Kimia, 2012 – present
13. AJK Pembangunan Program Baharu Sarjana Sains Kimia Bahan 2012
14. Ahli Jawatankuasa Penilai Kertas Kerja Seminar Kebangsaan Aplikasi Sains dan Matematik, UTHM, 29 – 30 oktober 2013
15. Jawatankuasa Petugas Penilaian Kendiri Program MQA 02, April 2012 – present
16. AJK Penerbitan Fakulti, FSTPi, 29 Feb 2012 – 31 Dis 2013
17. AJK Penyelidikan Fakulti, FSTPi, 29 Feb 2012 – present
18. AJK Teknikal Sebutharga Fakulti, FSTPi, 16 Feb 2012 – 31 Dis 2013
19. Chief Invigilator, Final Exam, Sem I Session 2012/2013 Program Sarjana Muda, UTHM, 31 Disember 2012
20. Invigilator, Final Exam, Sem I Session 2012/2013 Program Sarjana Muda, UTHM, 2 Jan 2013

21. Chief Invigilator, Final Exam, Sem I Session 2012/2013 Program Sarjana Muda, Dewan Utama, UTHM, 15 Jan 2013
22. Chief Invigilator, Final Exam, Sem II Session 2012/2013 Program Sarjana Muda, Blok G3, UTHM, 10 Jun 2013
23. Invigilator, Final Exam, Sem II Session 2012/2013 Program Sarjana Muda, Kampus Pagoh, UTHM, 14 Jun 2013
24. Examiner of Master of Science By Research - Research Proposal (24 April 2013) – Candidate's name: Hadiza Yakubu Bako, Galeri Ilmu, FSTPi, UTHM
25. Fasilitator Program "Sejenak Bersama Dekan", Dewan Kuliah 2 dan Dataran Terbuka, UTHM, 27 Feb 2013

REFEREES

1. Dr. Azlan bin Ariffin
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School of Materials and Mineral Resources
Universiti Sains Malaysia, Engineering Campus
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2. Dr. Zulkifli bin Mohamad Arif
Associate Professor
School of Materials and Mineral Resources
Universiti Sains Malaysia, Engineering Campus
14300 Nibong Tebal, Pulau Pinang
☎ 604-593 7788 ext. 6173, ✉ zulariff@eng.usm.my