

CURRICULUM VITAE (CV)

DR. MUZIRAH BINTI MUSA

School of Educational Studies,
Universiti Science Malaysia,
11800 USM,
Penang, MALAYSIA.
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E-mail: muzirah@usm.my



Personal Particular:

Date of Birth	:	18 March 1978
Age	:	42 years
Gender	:	Female
Marital Status	:	Married
Health	:	Excellent
Race	:	Malay
Religion	:	Islam
Place of Birth	:	Pulau Pinang
Nationality	:	Malaysian
Language	:	Malay, English
Present Position	:	Senior Lecturer
Field of Interest	:	Mathematics & Statistics
Research Interest	:	Statistical Modelling, Long-memory Time Series, Multivariate Analysis, Correlation Analysis, Spatial-temporal, Mathematical Modelling, Educational Research.

About Me:

Aiming at excellence in the working field through hard work, dedication, and honesty at challenging environment. Looking forward for a career that able to apply and practice my qualification in order to pursue an opportunity to better serve and contribute to the society growth and personal success. However, the most important thing is that I always feel happy to share the knowledge that I have with others. 'The more you give, the more you get'.

Academic Qualification:

- Doctor of Philosophy (Statistics), UNIVERSITI KEBANGSAAN MALAYSIA, 2014.
- Master of Science (Statistics), UNIVERSITI SAINS MALAYSIA, 2002.
- Bachelor of Science (Honours) (Mathematics), UNIVERSITI SAINS MALAYSIA, 2001.

Work Experience and Career History:

- University Senior Lecturer : School of Educational Studies, USM, MALAYSIA.
17 April 2019– present.
- University Senior Lecturer : Faculty of Science and Mathematics, UPSI, MALAYSIA.
July 2014 – 16 April 2019.
- University Lecturer : Faculty of Science and Mathematics, UPSI, MALAYSIA.
January 2003 – June 2014.
- University Tutor : Faculty of Science and Technology, UPSI, MALAYSIA.
August 2002 – December 2002.

Teaching Experience:

- Undergraduate Level: Elementary Mathematics, Beginning Calculus, Statistical Methods and Its Applications, Theory of Probability and Statistics, Introductory Statistics, Statistical Laboratory. Time Series, Mathematical Research Methods.
- Diploma Level: Mathematics for Diploma, Elementary Statistics, Introductory Theory of Probability and Statistics, Statistical Inference.

Student Supervision:

- **PhD Level**

Sritharr A/L Jahanadan

Research Title: STEM Education Approach In Developing 21st Century Learning Skills Of Pupils.

Status: In progress

Role: Co-supervisor

Mohd Amirul Abdul Aziz

Research Title: Pengaruh Keadilan Organisasi Terhadap Kepuasan Kerja dan Komitmen Guru.

Status: In progress

Role: Co-supervisor

- **Master Level**

Pui Suk Yee

Research Title: The Effect Of Game-Based Learning Approach In Teaching And Learning Probability In Improving Students' Performance And Attitude Towards Probability At Chinese High School.

Status: In progress

Role: Main supervisor

Yasotha A/p Neelamehan,

Research Title: Kaedah Permainan 'Math Magic' dalam Mengurangkan Kesalahan Operasi dan Meningkatkan minat Murid Tahun Empat bagi Topik Nombor Bulat.

Status: In progress
Role: Main supervisor

Siti Nabila Binti Khalid

Research Title: Pembangunan Dan Kebolehgunaan Modul Pengajaran STEM bagi Topik Kebarangkalian Dan Statistik Dalam KSSM Tingkatan 2.

Status: completed (2019)

Role: Main supervisor

Norfazila Binti Mohd Nordin

Research Title: Kebolehlaksanaan Penggunaan Kod *Quick Response* Terhadap Pembelajaran Subjek Matematik Dalam Kalangan Pelajar Kolej Vokasional Jasin.

Status: Completed (2019)

Role: Main supervisor

Nor Hidayah Binti Amir Ruddin

Research Title: Model Logistik Regresi Bagi Pencapaian Pelajar dalam Matematik.

Status: : Completed (2018)

Role: Main supervisor

Tan Ling Zhi

Research Title: Impact of Subject Matter Knowledge Of A Mathematics Teacher On Form 1 Sudents' Achievement In Topic Combined Operations.

Status: Completed (2018)

Role: Main supervisor

Nur Aisah Binti Tajarudin

Research Title: Tinjauan Perkaitan Konsep Algorithma Dalam Permainan Teka Silang Sudoku Dan Penyelesaian Masalah Persamaan Serentak Matematik.

Status: Completed (2017)

Role: Main supervisor

Wan Nor Atiqah Bt Meor Samsudin

Research Title: Implementasi Kemahiran Aras Tinggi (KBAT) Guru Matematik Sekolah Menengah Dalam Pengajaran Dan Pembelajaran Matematik.

Status: Completed (2017)

Role: Main supervisor

Farra Wahida Binti Mohamad Sa'aid

Research Title: Trend Pencapaian Berasaskan Pentaksiran Tingkatan 3 (PT3) dengan PMR.

Status: Completed (2016)

Role: Main supervisor

Ong Jia Hao

Research Title: Penggunaan strategi Pemahaman dalam Penyelesaian Masalah Matematik Berayat Tahun 6.

Status: Completed (2015)

Role: Main supervisor

- **Degree Level**
Supervise more than 100 students since 2003-2017.

Research Project

BEd. (Mathematics) (AT14): More than 40 students.

BSc. (Mathematics) with Education (AT48): More than 10 students.

List of Final Year Project

Title: Monitoring Sijil Pelajaran Malaysia (SPM) Students Performance Using \bar{X} and S Control Chart.

Status: In Progress (2018)

Title: Multiple Linear Regression Model For Students' Achievement in The Subject Of Introductory Theory Of Probability And Statistics.

Status: Completed (2018)

Title: Analisis Kesilapan Penyelesaian Soalan Kemahiran Berfikir Atas Tinggi Dalam Tajuk Ungkapan Dan Persamaan Kuadratik.

Status: Completed (2018)

Title: Pembelajaran Koperatif Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT) Pelajar Dalam topik Garis Lurus.

Status: Completed (2017)

Title: Persepsi Pelajar Terhadap Bahan Bantu Mengajar Dalam Topik Garis Lurus Bagi Menyelesaikan Soalan Kemahiran Berfikir Atas Tinggi.

Status: Completed (2017)

Title: Analisis Kesilapan Penyelesaian Soalan Garis Lurus Dalam Kalangan Pelajar Tingkatan 4.

Status: Completed (2017)

Teaching Training/Industrial Training

BSc. (Mathematics) with Education (AT48): More than 10 students.

BEd. (Mathematics) (AT14): More than 50 students.

- **Diploma Level**

Industrial Training

Diploma In Science (Mathematics) : More than 15 students.

Involvement in Academic Activities (Other than Teaching, Supervision and Research):

- Examiner for the proposal of M.Ed. (Mathematics Education) SES, USM, 2020.

- Examiner for the proposal of M.Ed. (Mathematics Education) SES, USM, 2019.
- Examiner for the Thesis of Ph.D. (Applied Statistics), FSM, UPSI, 2018 .
- Examiner for the Thesis of Master. (Mathematics Education), FSM, UPSI, 2018 .
- Examiner for the Thesis of Master. (Applied Statistics), FSM, UPSI, 2017 .
- Examiner for the proposal of MSc. (Applied Statistics) FSM, UPSI, 2017.
- Examiner for the proposal of M.Ed. (Mathematics Education) FSM, UPSI, 2017.
- External Examiner for the Thesis of Master. (Statistics), UUM , 2016.
- Examiner for the Thesis of Master. (Applied Statistics), FSM, UPSI, 2016 .
- Examiner for the proposal of MSc. (Applied Statistics) FSM, UPSI, 2015.
- Examiner for the proposal of PhD. (Applied Statistics), FSM, UPSI, 2015.
- Reviewer for the article of Jurnal Sains dan Matematik, UPSI, 2020.
- Reviewer for the article of Jurnal Sains dan Matematik, UPSI, 2019.
- Reviewer for the article of the International Joint Conference 2017 (IJC 2017) , 2017.
- Reviewer for the proposal of University Research grant (Mathematics), FSM, UPSI, 2016.
- Reviewer for the article of Educatum Journal Of Science, Mathematics & Technology, UPSI, 2016.
- Reviewer for the article of Jurnal Sains dan Matematik, UPSI, 2015.
- Reviewer for the masters research project of MEd. (Mathematics), FSM, UPSI, 2013-2016.
- Panel for the Curriculum Development and Revision of New Program (*Program Persediaan Ijazah Sarjana Muda Perguruan (PPISMP), Program Ijazah Sarjana Muda Perguruan (PISMP), Program Diploma Pascasiswazah Pendidikan (PDPP) dan Program Diploma Perguruan Malaysia (PDPM) Bidang Sains dan Matematik* , February-March 2020.
- Panel for the Curriculum Development and Revision of New Program (*Program Persediaan Ijazah Sarjana Muda Perguruan (PPISMP), Program Ijazah Sarjana Muda Perguruan (PISMP), Program Diploma Pascasiswazah Pendidikan (PDPP) dan Program Diploma Perguruan Malaysia (PDPM) Bidang Sains dan Matematik* , November 2019.
- Panel and coordinator for the proposal of New Program (Bachelor Degree of Statistics with Education, B.Stat with Edu.) ,2016.

- Panel for the MQA Document of New Program (Bachelor Degree of Statistics with Education, B.Stat with Edu.), 2016.
- Assessor for Application for Lecturer Position (Foreigner), Department of Mathematics, Faculty of Science and Mathematics, UPSI, 2015-2016.
- Jury at The International Postgraduate Conference on Science and Mathematics, Faculty of Science and Mathematics, UPSI, 2014.
- Assessor for Research Proposal for the Application of PhD (Statistics), Department of Mathematics, Faculty of Science and Mathematics, UPSI. 2013.

Involvement in Administration Activities :

- Deputy Secretary II for The 7TH ASEAN Regional Union Of Psychological Societies (ARUPS) Congress & The 3rd Malaysian International Psychology Conference (MIPC) 2019, May – August 2019.
- Chairman for “ School of Educational Studies Teacher’s Day Celebration 2019”, October – November 2019.
- University Committee, TIMES HIGHER EDUCATION-GLOBAL IMPACT RANKING (THE -GIR)- "Measuring Universities' Contribution To The United Nation's Sustainable Development Goals (SDG)", 23 September 2019-30 September 2020.
- Treasurer III for "International Conference On Education, Mathematics and Science 2018 (ICEMS 2018) In Conjunction With 6th International Postgraduate Conference On Science and Mathematics 2018 (IPCSM2018)". Dec 2017- Dec 2018.
- Mambers for Program Semai Mesra Bertalian Kasih Ijazah Sarjana Muda Bersama FSM, February 2018.
- Secretary I for Program Semai Mesra Bertalian Kasih Diploma Ijazah Sarjana Muda Bersama FSM, November 2017.
- Secretary I for Program Semai Mesra Bertalian Kasih Ijazah Sarjana Muda Bersama FSM, September 2017.
- Secretary I for Program Semai Mesra Bertalian Kasih Diploma Ijazah Sarjana Muda Bersama FSM, June 2017.
- Secretary I for Program Semai Mesra Bertalian Kasih Ijazah Sarjana Muda Bersama FSM, February 2017.
- Coordinator for Students Affair & ALUMNI, Faculty of Science and Mathematics, 2014-2018.
- Treasurer I for "International Conference On Education, Mathematics and Science 2016 (ICEMS 2016) In Conjunction With 4th International Postgraduate Conference On Science and Mathematics 2016 (IPCSM2016)". (2016)

- Secretary I for Program Semai Mesra Bertalian Kasih Diploma Ijazah Sarjana Muda Bersama FSM, June 2016.
- Secretary I for Program Semai Mesra Bertalian Kasih Ijazah Sarjana Muda Bersama FSM, February 2016.
- Treasurer I for Program Semai Mesra Bertalian Kasih Diploma Bersama FSM, November 2015.
- Secretary I for Program Semai Mesra Bertalian Kasih Ijazah Sarjana Muda Bersama FSM, September 2015.
- Committee members for Students' Research Workshop for Bachelor Degree Programme AT14 and AT48, Department of Mathematics, Faculty of Science and Mathematics, UPSI. (2015).
- Panel members for Mathematics Curriculums for UPSI Laboratory School, UPSI, (2015).
- Coordinator for the Program of Bachelor Degree of Science Mathematics with Education, AT48 (2007-2009).
- Coordinator for the Industrial Training, (2007-2009).
- Coordinator for the School of Orientation Planning (ROS) and Practical (2004-2009).
- Committee Member for Cluster School Inventions and Innovations Carnival, Department of Mathematics & Methodist Girls School, Ipoh, Faculty of Science and Mathematics, UPSI, (2014).
- Committee Members for " Third UPSI's Round Table Conference, UPSI, (2013).

Project/Research Grant:

- Title: NCER: Academic Training Programme.
 Role : Consultant
 Project Grant : NCER
 Duration : December 2019 – present
- Title: Asian African Project (AAD).
 Role : Member
 Project Grant : -
 Duration : Mei 2019 – present
- Title: Kajian Kesejahteraan Keluarga dan Komuniti (3K) Di Daerah Larut Matang dan Selama, Perak.
 Role : Member
 Project Grant : LPPKN
 Duration : Mei 2019 – 31 December 2019
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- Title : Pembangunan Dan Kebolehgunaan Modul Pengajaran STEM bagi Topik Kebarangkalian Dan Statistik Dalam KSSM Tingkatan 2.
 Role : Leader
 Project Grant : Geran Galakan Penyelidikan Universiti
 Duration : 1 July 2018 – 30 June 2019

- Title : Projek Pembinaan Modul dan *Training of Trainers (TOT) Fun With Science and Mathematics*.
 Role : Member & Consultant
 Project Grant : UCTC, UPSI, NBOS, Ministry of Higher Education
 Duration : 1 April 2017 – 1 June 2017

- Title : Orang Asal Teroka *Fun With Science and Mathematics*.
 Role : Member & Consultant
 Project Grant : UCTC, UPSI, NBOS, Ministry of Higher Education
 Duration : 1 July 2017 – 1 September 2017

- Title : Numerical solutions and spectrum of BDIDE for Dirichlet BVPs with variable coefficient.
 Role : Co-researcher
 Research Grant : RAGS, Ministry of Higher Education
 Duration : 1 December 2014 – 1 September 2017

- Title : Raising The Quality Of Mathematics Teachers In Malaysian Schools.
 Role : Co-researcher
 Research Grant : UPSI, Short-term University grant
 Duration : 7 January 2008 – 7 January 2009

- Title : Kajian Profil Kemasukan dan Prestasi Pelajar Fakulti Sains & Teknologi, UPSI.
 Role : Co-researcher
 Research Grant : UPSI, Short-term University grant
 Duration : 6 January 2006 – 30 November 2006

- Title : Perlakuan Meta-Kognitif Pelajar Tingkatan Empat Dalam Penyelesaian Masalah Yang Melibatkan Perbezaan: Satu Kajian Kes.
 Role : Co-researcher
 Research Grant : UPSI, Short-term University grant
 Duration : 6 January 2003 – 30 November 2003

Publications:

- Siti Nabila Khalid, Muzirah Musa, Fainida Rahmat, Nurul Akmal Mohamed & Norazian Aini Mat, 2019. Pembangunan Dan Penilaian Modul Pengajaran Stem Dalam Bidang Statistik Dan Kebarangkalian Dalam Kssm Matematik Tingkatan Dua *Journal of Quality Measurement and Analysis Vol. 15(2) 2019, pg 25-34, e-ISSN: 2600-8602*

- Nor'ain Mohd Tajudin, Muzirah Musa, Nor Suriya Abd Karim, Nur Hamiza Adenan & Rawdah Adawiyah Tarmizi. 2017. Seronoknya Matematik: Menepati Kurikulum Sekolah Rendah (KSSR), Kurikulum Sekolah Menengah (KSSM), STEM, UPSI, NBOS. Muhibah Publications, Tanjong Malim.
- Noorazrin Abdul Rajak, Muzirah Musa & Zulkifley Mohamed, 2017. Module: Elementary Statistics. Muhibah Publications, Tanjong Malim.
- Muzirah Musa & Abdul Aziz Jemain 2017. Persistency of ozone concentrations in Urban and Suburban area of Peninsular Malaysia. AIP Conference Proceedings of International Conference On Education, Mathematics and Science 2016 (ICEMS 2016) In Conjunction With 4th International Postgraduate Conference On Science and Mathematics 2016 (IPCSM2016): DOI:10.1063/1.4983870.
- Wan Nor Atiqah Meor Samsudin & Muzirah Musa, 2016. Implementasi Kemahiran Aras Tinggi (KBAT) Guru Matematik Sekolah Menengah Dalam Pengajaran Dan Pembelajaran Matematik. International Conference On Education, Mathematics and Science 2016 (ICEMS 2016) In Conjunction With 4th International Postgraduate Conference On Science and Mathematics 2016 (IPCSM2016)
- Nur Aisah Tajarudin & Muzirah Musa, 2016. Tinjauan Perkaitan Konsep Algorithma Dalam Permainan Teka Silang Sudoku Dan Penyelesaian Masalah Persamaan Serentak Matematik. International Conference On Education, Mathematics and Science 2016 (ICEMS 2016) In Conjunction With 4th International Postgraduate Conference On Science and Mathematics 2016 (IPCSM2016)
- Muzirah Musa & Azah Samot@Samat 2016. Module: Introductory Theory of Probability and Statistics. Muhibah Publications, Tanjong Malim.
- Muzirah Musa, Annie Gorgey & Norhayati Ahmat, 2016. Module: Mathematics for Diploma. Muhibah Publications, Tanjong Malim.
- Phoong Seuk Yuen & Muzirah Musa 2016. Module: Statistical Inference. Muhibah Publications, Tanjong Malim.
- Nor'ain Mohd Tajudin, Muzirah Musa, Rohaidah Masri, Faezah Samat & Nor Zila Abd Hamid. 2016. Penyelidikan Pendidikan Matematik: Idea dan Bimbingan. Muhibah Publications, Tanjong Malim. (Second Printed)
- Nor'ain Mohd Tajudin, Muzirah Musa, Rohaidah Masri, Faezah Samat & Nor Zila Abd Hamid. 2015. Penyelidikan Pendidikan Matematik: Idea dan Bimbingan. Muhibah Publications, Tanjong Malim. (First Printed)
- Muzirah Musa & Azah Samot@Samat 2015. Module: Introductory Theory of Probability and Statistics. Muhibah Publications, Tanjong Malim. (First Printed).
- Muzirah Musa & Abdul Aziz Jemain 2013. Scaling and Persistence of ozone concentrations in Klang Valley, Malaysia. *Journal of Quality Measurement and Analysis* , JQMA. 9(1): 9-20.

- Muzirah Musa & Kamarulzaman Ibrahim 2012. Existence of Long Memory in ozone time series. *Sains Malaysiana* 41(11): 1367-1376.
- Musa, M., and Jemain, A. A. 2011. Exploring the detrending techniques in detecting Long-Memory of ozone time series in Malaysia by simulation. The 19th International Congress on Modeling and Simulation. Modeling and Simulation Society of Australia and New Zealand, MODSIM 2011, December 2011: 2197-2203. ISBN: 978-0-9872143-1-7.
- Muzirah Musa & Abdul Aziz Jemain 2011. Persistency Of Ozone Concentrations At Klang Valley, Malaysia using Dispersional Ratio Methods Approach. Universiti Malaysia Terengganu International Symposium, UMTAS, July 2011: 20-26.
- Muzirah Musa & Abdul Aziz Jemain 2010. Sifat Keberterusan Aras Kepekatan Ozon Bagi Beberapa Stesen Di Lembah Klang. Prosiding Kolokium Siswazah Ke- 10, Fakulti Sains dan Teknologi, UKM, Jun 2010: 40-42.
- Nor'ain Mohd Tajudin, Noor Shah Saad, Zulkifley Mohamed, Muzirah Musa & Lim Kian Boon 2010. Standard kecemerlangan Pengajaran Matematik (Set@Math): satu cadangan bagi meningkatkan kualiti pengajaran guru matematik. *Jurnal Sains dan Matematik* 2(1):40-55.
- Noor Shah Saad, Nor'ain Mohd Tajudin, Zulkefley Mohamed, Muzirah Musa & Lim Kian Boon, 2009. Mathematics Teaching Standards: Raising The Quality of Mathematics Teachers in Malaysian School. Proceeding International Conference on Educational Research and Practice, UPM .
- Mohd Mustamam Abdul Karim, Baseri Huddin Hussain, Omar Md Jusoh, Noorazrin Abdul Razak, Muzirah Musa, Fainida Rahmat & Nor Afzalina Azmee 2006. Kajian profil kemasukan dan prestasi pelajar fakulti sains dan teknologi, UPSI. Prosiding Simposium Kebangsaan Sains Matematik ke-14, Universiti Malaya, June 2006.
- Noor Shah Saad, Nor'ain Mohd Tajudin, Fainida Rahmat, Muzirah Musa, Norazian Aini Mat & Zamzana Zamzami 2006. Perlakuan Meta-Kognitif Pelajar Tingkatan Empat Dalam Penyelesaian Masalah Matematik Tambahan. *Buku Penyelidikan Terpilih UPSI 2001-2006*. ISBN: 978-983-3759-08-8, Penerbit UPSI. : 358-380.

Seminar/Conference:

- Sahring some Fundamentals of Publishing In First Tier Educational Journals by Assoc. Professor Dr. Mageswary Karpudewan,
Idris Babjee Meeting Room, SES,USM.
Date: 15 October 2019.
Participant
- Education and Community Development by Professor Dato' Dr. Aileen Tan Shau Hwai,
Idris Babjee Meeting Room, SES,USM.
Date: 19 September 2019.
Participant

- Program Libatsama Komuniti & Pendidikan by Tuan Syed Yusof Syed Kechik,
Idris Babjee Meeting Room, SES,USM.
Date: 27 August 2019.
Participant
- Program Libatsama Industri by Assoc. Professor Dr. Yeoh Fei Yee,
Idris Babjee Meeting Room, SES,USM.
Date: 27 August 2019.
Participant
- Journal Impact Ranking: What Lecturers And Researchers Should Do by Profesor Datuk Dr. Abdul
Khalil H.P. Shawkataly,
Idris Babjee Meeting Room, SES,USM.
Date: 20 August 2019.
Participant
- Professionalism Improvement of Academic Staff,UPSI,
Dewan Sri Tanjong, UPSI.
Date: 8 March 2018
Participant.
- International Conference On Education, Mathematics and Science 2016 (ICEMS 2016) In
Conjunction With 4th International Postgraduate Conference On Science and Mathematics 2016
(IPCSM2016)
E-Learning Building, UPSI.
Date: 19 November 2016
Presenter.
- Third Malaysia Statistics Conference (MyStats-2015)
Sasana Kijang, Bank Negara Malaysia, Kuala Lumpur.
Date: 17 November 2015
Participant.
- Seminar Kebangsaan Institut Statistik Malaysia Ke-9 (SKISM IX)
Fakulti Sains & Teknologi, UKM, Bangi.
Date: 31 Mac 2015
Participant.
- International Conference on Mathematical Sciences and Statistics (ICMSS)
Sunway Putera Hotel, Kuala Lumpur.
Date: 5-7 February 2013
Participant.
- Seminar Kebangsaan Institut Statistik Malaysia ke-7.
De Palma Hotel, Shah Alam.
Date: 28 March 2013
Participant.

- “Climate Change in Vietnam & Regional Climate Modelling” by Dr. Thanh Ngo-Duc
Faculty Science & Technology, UKM.
Date: 14-14 May 2012
Participant.
- International Congress on Modelling and Simulation (MODSIM 2011) di Perth, Australia
Perth Exhibition Convention Centre, Perth Western Australia
Date: 12-16 December 2011
Presenter.
- Simposium Kebangsaan Sains Matematik ke-19
Uitm Pulau Pinang
Date: 10 November 2011
Presenter.
- Universiti Malaysia Terengganu International Symposium (UMTAS 2011)
Permai Hotel Kuala Terengganu
Date: 11-13 July 2011
Presenter.
- Seminar on Science of Tropical Climate Change System
Puri Pujangga UKM
Date: 29-30 June 2011
Presenter.

Training Course/ Workshop:

- Workshop on Artikel Writing: Systematic Literature Review
Date: 4 September 2019
Participant
- Kursus Strategi dan Format Penerbitan Buku, Penerbit USM
Date: 20 August 2019
Participant
- ICT Application Workshop in Teaching & Learning In SMART Classroom,
FSM SMART Classroom, Block 4, Sultan Azlan Shah Campus, Proton City, UPSI.
Date: 23 January 2018
Participant.
- DOMATHSTALK : Siri 1-Bengkel Penyeliaan Penyelidikan Program Pascasiswazah.
Department of Mathematics, Faculty of Science and Mathematics.
Date: 11 April 2018
Participant.

- DOMATHSTALK : Siri 2-Bengkel Penyeliaan Penyelidikan Program Pascasiswazah.
Department of Mathematics, Faculty of Science and Mathematics.
Date: 11 April 2018
Participant.
- DOMATHSTALK : Perkongsian Pengalaman Sabatikal.
Department of Mathematics, Faculty of Science and Mathematics.
Date: 17 May 2017
Participant.
- Workshop on Writing Research Proposal,
Department of Mathematics, Faculty of Science and Mathematics.
Date: 19 April 2017
Participant.
- Kursus Penyelidikan, Pengkomersilan, Perundingan dan Penerbitan,
Dewan Sri Tanjung, UPSI.
Date: 2-3 March 2017
Participant.
- Workshop on Faculty of Science and Mathematics Strategic Planning,
Quality Hotel, Kuala Lumpur,
Date: 24 – 26 February 2017
Participant.
- Talk on International Research Grant Application: Sharing Session,
Department of Biology, Faculty of Science and Mathematics
Date: 22 February 2017
Participant.
- Workshop on Writing : Books and Module,
Kinta Riverfront Hotel & Suites, Ipoh.
Date: 4 November 2016
Participant.
- Workshop on Supervision,
Department of Mathematics, Faculty of Science and Mathematics.
Date: 1 June 2016
Participant.
- Workshop on Writing Lesson Plan,
Department of Mathematics, Faculty of Science and Mathematics.
Date: 19 May 2016
Participant.
- Workshop on Preparing New Program for Bachelor Degree (B.Stat with Edu.)
Kinrara Resort, Puchong.
Date: 22-24 April 2016
Panel and Coordinator Program.

- Workshop on Interactive Learning & Blended Learning,
Department of Mathematics, Faculty of Science and Mathematics.
Date: 11-13 April 2016
Participant.
- Workshop on Faculty of Science and Mathematics Strategic Planning,
Quality Hotel, Kuala Lumpur,
Date: 10– 12 February 2016
Participant.
- Workshop on Cooperative Learning,
Department of Mathematics, Faculty of Science and Mathematics.
Date: 3-4 February 2016
Participant.
- Workshop on Semakan Pasca Siswazah Program Pengajian Siswazah,
Department of Mathematics, Faculty of Science and Mathematics.
Date: 7-8 December 2015
Participant.
- Workshop on Pemantapan Kualiti Kerja & Pengukuhan Pasukan FSMT,
Corus Paradise Resort, Port Dickson.
Date: 26-28 November 2015
Participant.
- Workshop on Pemurnian Fail Meja FSMT,
Gold Coast Morib International Resort.
Date: 16-18 October 2015
Participant.
- Workshop on Pengendalian Latihan Dalam Kumpulan & Fasilitator,
Faculty of Science and Mathematics.
Date: 14 September 2015
Participant.
- Majlis International Guest Lecture by Prof. Dr. Ian Scowen, University of Lincoln, U.K.
Faculty of Science and Mathematics.
Date: 4 September 2015
Participant.
- Workshop on Modul Tahun 2 Sekolah Makmal UPSI,
Grand Blue Wave Hotel, Shah Alam.
Date: 21-23 August 2015
Panel and Participant.

- Workshop on Penyeliaan & Abstrak Program Pengajian Siswazah FSMT, Faculty of Science and Mathematics.
Date: 20 August 2015
Panel and Participant.
- Workshop on Pembinaan Program Sarjana Sains Mod B, Faculty of Science and Mathematics.
Date: 18 August 2015
Panel and Participant.
- DOMATHS TALK : Merangsang Kemahiran Berfikir Aras Tinggi (KBAT) Dalam Matematik Peringkat Rendah, Department of Mathematics, Faculty of Science and Mathematics.
Date: 4 August 2015
Participant.
- DOMATHS TALK : SPSS 2, Department of Mathematics, Faculty of Science and Mathematics.
Date: 17 June 2015
Participant.
- Workshop on Semakan Semula Program Diploma Sains (Matematik), Department of Mathematics, Faculty of Science and Mathematics.
Date: 26-27 May 2015
Participant.
- DOMATHS TALK : Teaching Calculus To Teachers, Department of Mathematics, Faculty of Science and Mathematics.
Date: 26 March 2015
Participant.
- Course on Penyeliaan Pasca Siswazah dan Persiapan Pelajar Menghadapi Peperiksaan Lisan (VIVA-VOCE), Perpustakaan Tuanku Bainun, Kampus Sultan Abdul Jalil Shah, UPSI.
Date: 10-11 March 2015
Participant.
- Workshop on Refleksi Latihan Mengajar Pelajar AT48 & AT14, Dewan Kuliah Pusat 1, KSAS, UPSI.
Date: 28 February 2015
Participant.
- Workshop on Penulisan Buku, Modul dan Jurnal Artikel, Quality Hotel, Kuala Lumpur.
Date: 13-15 February 2015
Participant.
- Workshop on Perisian Mathematica V10, Computer Lab, KSAS, UPSI.
Date: 5 December 2014

- Participant.
- Workshop on Penulisan Artikel Jurnal FSM, Klana Resort , Seremban.
Date: 5-7 September 2014
Participant.
- DOMATHSTALK : Book Authoring, Department of Mathematics, Faculty of Science and Mathematics.
Date: 14 May 2014
Participant.
- DOMATHSTALK : Workshop on Supervisory Method, Department of Mathematics, Faculty of Science and Mathematics.
Date: 23 April 2014
Participant.
- Workshop on Halatuju Penyelidikan FSM 2014, Faculty of Science and Mathematics.
Date: 4-5 April 2014
Participant.

Certification/Awards:

- UPSI Incentive Publications Journal Articles, 2013 .
- Vice Canselor Quality Award (Gold Medal) in UPSI Research and Innovation Ekspo, 2009.
- Bronze Winner in UPSI Research and Innovation Ekspo, 2007.
- Certificate on UPSI Research Award in Seminar Penyelidikan UPSI, 2004.

Personel Qualities:

- Honest and trustworthy, patience, Keen to learn.
- A critical thinker with good analytical skills.
- Good organisational skills developed in a variety of deadline orientated situations.
- Strive for quality in everything I do.
- Can work independently on own initiative or as part of a team.
- Excellent communication skills in both written and verbal.
- Excellent knowledge of the subject and also has great computing/ programming knowledge.
- Get on well with people at all levels, easily making good working relationships.

Key Responsibilities Handled :

- Proficient in developing new lessons and activities to expand learning opportunities.
- Extensive participation on committees and extra-curricular activities.
- Committed to innovation of university level teaching and learning and to challenge students to be knowledgeable by promoting critical thinking skills.

- Employ differentiated teaching methods, incorporating, audio and visual activities to address all learning styles.
- Provide individualized instruction to keep all students at expected skill level.
- Develop discipline plans and work closely with at-risk students.

References:

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I declare that all information given by me is true and correct to my best knowledge.