



**CURRICULUM VITAE (CV)**  
**KAMEL ARIFFIN B. MOHD. ATAN**

**TARIKH LAHIR :** 14hb. April 1948

**JAWATAN SEKARANG :**

**Akademik :** Profesor Matematik di Universiti Putra Malaysia

**Pentadbiran :** Pengarah  
Institut Penyelidikan Matematik (INSPERM)

**PENDIDIKAN :**

1. PhD (Teori Nombor) (University of New Wales, Australia) – 1984
2. M.S. (Matematik) (University of Western Ontario, Canada) – 1977
3. B.A. (Matematik) (Universiti Malaya) – 1972
4. H.S.C. (Sains) (Kolej Melayu Kuala Kangsar) – 1968

**BIDANG KEPAKARAN:**

1. Teori Nombor
2. Kriptografi.
3. Sejarah dan Falsafah Matematik.

**PENGALAMAN PEKERJAAN**

2009 – sekarang : Profesor (VK5)  
2000 – 2008 : Profesor (VK6)  
1994 – 2000 : Profesor (VK7)  
1988 – 1994 : Profesor Madya  
1975 – 1987 : Pensyarah  
1972 – 1975 : Penolong Pensyarah  
1972 : Eksekutif Kadet, Bank Negara Malaysia

## **PENGALAMAN MENGAJAR :**

### ***Kursus Ijazah Pertama :***

MTH 4301 Topology (3 kredit)  
MTH 4202 Teori Nombor (3 kredit)  
MTH 4201 Aljabar Niskala (3 kredit)  
MTH 3103 Analisis Vektor (3 kredit)  
MTH 3201 Aljabar Linear (3 kredit)  
MTH 3302 Analisis Komplek (3 kredit)  
MTH 3301 Analisis Nyata (3 kredit)  
MTH 3101 Kalkulus Lanjutan (3 kredit)  
MTH 3100 Kalkulus (3 kredit)  
MTH 3200 Aljabar (3 kredit)

### ***Kursus Pengajian Siswazah :***

MTH5202 Algebraic Number Fields

## **PENYELIAAN PELAJAR:**

Sehingga kini telah dilantik menjadi Penyelia sama ada sebagai Pengerusi atau ahli Jawatankuasa Penyeliaan kepada lebih 80 orang pelajar di peringkat bachelor, MS dan PhD dalam bidang matematik tulen.

## **PENTADBIRAN**

### **Pelantikan Jawatan Pentadbiran di UPM dan Sebelumnya :**

- 1) Pengarah Institut Penyelidikan Matematik (April 2002 – Sekarang)
- 2) Timbalan Naib Canselor (Akademik) (1997 - 2000)
- 3) Pengarah Pusat Pengajian Matrikulasi (1994 - 1997)
- 4) Pemangku Dekan Fakulti Sains dan Pengajian Alam Sekitar  
(19 Okt. – 7 Dis. 1992)
- 5) Timbalan Dekan Fakulti Sains dan Pengajian Alam Sekitar (1990-1993)
- 6) Ketua Jabatan Matematik (1986 – 1990 - Perlantikan Pertama)  
(2000 – April 2002 – Perlantikan Kedua)
- 7) Pemangku Ketua Jabatan Matematik (1980 (Dua Bulan))
- 8) Penyelaras Kursus Matematik di Kampus Cawangan UPM Kuching,  
Sarawak (1978 – 1979)
- 9) Executive Cadet, Bank Negara Malaysia (1972)

#### **LAIN-LAIN PELANTIKAN DI UPM :**

- 1) Ahli Senat Universiti
  - i) Pelantikan pertama sebagai ahli yang dilantik oleh Fakulti (1986 – 1990)
  - ii) Pelantikan kedua sebagai Timbalan Dekan Fakulti Sains dan Pengajian Alam Sekitar (1990 – 1993)
  - iii) Perlantikan ketiga sebagai Pengarah Pusat Pengajian Matrikulasi (1994 – 1997)
  - iv) Pelantikan sebagai Pengerusi Ganti Senat (1997 – 2000)
  - v) Perlantikan keempat sebagai ahli yang dilantik oleh Fakulti (2000 – April 2002)
  - vi) Pelantikan kelima sebagai Pengarah Institut Penyelidikan Matematik (April 2002 – sekarang)
- 2) Pengerusi, Jemaah Pengarah Institut UPM ( 2006-2008 ).
- 3) Pengerusi Jemaah Bersama Dekan-Pengarah UPM ( 2006-2008 ).
- 4) Ahli Jawatankuasa Carian Untuk Lantikan TNC ( HEP dan ALUMNI) (2010- )
- 5) Ahli Jawatankuasa Pencarian Untuk Lantikan TNC (JIM) (2010 - ).
- 6) Ahli Jawatankuasa Pemilih Kenaikan Pangkat Profesor UPM (2002 - ).
- 7) Ahli Jawatankuasa Pemilih Pendaftar, Bendahari dan Pustakawan UPM ( 2002 - ).
- 8) Ahli Jawatankuasa Protam Kelab Sukarelawan UPM (2010 - )
- 9) Ahli Ganti Jawatankuasa Tatatertib UPM (2010- )
- 10) Ahli Jawatankuasa Pepandu Induk Sistem Pengurusan Kualiti Entiti Penyelidikan dan Pembangunan Komersil ( 1/9/08 – 31/8/10 ).
- 11) Ahli Jawatankuasa Penyediaan Ucapan Majlis Konvokesyen UPM 2008.
- 12) Ahli SubPanel Penggubalan Kurikulum dan Penilaian Kursus Penilaian Tahap Kecekapan ( Pegawai Akademik) UPM (2008-2010).
- 13) Ahli Jawatankuasa Keselamatan dan Kesihatan UPM.
- 14) Ahli Jawatankuasa Anugerah Pengajaran Putra UPM (2007-2008).
- 15) Ahli Panel Juri Anugerah Pengajaran Putra 2007, 2008.
- 16) Ahli Jawatankuasa Sidang Pengarang Kertas Cadangan Penubuhan Universiti Apex UPM.
- 17) Ahli Jawatankuasa Pepandu ICT UPM.
- 18) Ahli Jawatankuasa Jaminan Kualiti UPM.
- 19) Ahli Jawatankuasa Sambutan Perayaan Ulangtahun ke-75 UPM.
- 20) Ahli Jawatankuasa Anugerah Inovasi Pengajaran dan Pembelajaran UPM 2007.
- 21) Moderator Wacana Intelek Siri 15 UPM.
- 22) Ahli Jawatankuasa Penyemakan Kertas Soalan dan Skema Jawapan Fakulti Sains (2007).
- 23) Ahli Panel Majlis Bersama Profesor Jabatan Matematik Fakulti Sains.
- 24) Pengerusi Jawatankuasa Senat Mengkaji Program Pengajian Peringkat Bachelord di UPM (2004).
- 25) Ahli Jawatankuasa Etika Penyelidikan UPM (2004)
- 26) Ahli Jawatankuasa Pusat Kecemerlangan Penyelidikan UPM (mulai 2003)
- 27) Ketua Cluster Penyelidikan Teknologi Maklumat dan Matematik UPM (2002)
- 28) Ahli Jawatankuasa Senat mengkaji Status Semasa Pusat Pengajian Luar UPM (2003)
- 29) Pengerusi Jawatankuasa Penyiasat Salah Laku UPM (2002)
- 30) Pengerusi Program Latihan Skim Sangkutan dan Latihan (bersama JPA) (2002)

- 31) Ahli Jawatankuasa Senat Mengkaji Program PJJ di IDEAL (2002)
- 32) Ahli Lembaga Pengajian Matrikulasi (1994 – 1997)
- 33) Ahli Jawatankuasa Pengkreditan Aktiviti Kokurikulum (1992)
- 34) Ahli Jawatankuasa Kurikulum Universiti pada peringkat Jabatan, Fakulti dan Universiti (1986 – 2000)
- 35) Ahli Jawatankuasa Pengajian Siswazah pada peringkat Fakulti dan Universiti (1991 – 2000)
- 36) Ketua Kumpulan Penyelidikan yang dibiayai oleh Kementerian Sains dan Teknologi di bawah rancangan IRPA (1986 – 1990) dan (2002-2005)
- 37) Ketua Program dalam Penyelidikan Matematik Tulen
- 38) Penasihat kepada :
  - i) Kelab Bimbingan Mahasiswa (1991 – 2001)
  - ii) Persatuan Mahasiswa FSAS (1991 – 1994)
  - iii) Persatuan Pelajar Matrikulasi (1994 – 1997)
- 39) Penolong Setiausaha Persatuan Pegawai Akademik UPM (1980 – 1981)
- 40) Felo Kolej Kediaman di Kampus Cawangan di Kuching Sarawak (1978 – 1979)
- 41) Ahli Pasukan Penilai Penubuhan Kampus Cawangan UPM di Kuching, Sarawak (1974)
- 42) Ahli Panel Penemuduga untuk kemasukan ke Program Pengajian Peringkat Diploma UPM (1973)
- 43) Penasihat Akademik (1984 – sekarang)
- 44) Pelantikan Sebagai Pemeriksa Luar Ijazah Lanjutan:

<u>Bil.</u>	<u>Tahun</u>	<u>Universiti</u>	<u>Nama Calon</u>	<u>Tahap</u>	<u>Tajuk Tesis</u>
i)	2011	Universiti Teknologi Malaysia	Faisal AbduRabu Mubarak Bin Jadhnan	PhD	Krohn-Rhodes Decomposition for EEG Signals during Elliptic Seizure
ii)	2010	Universiti Sains Malaysia	Akram Abdulbagi Mohammed Naji	PhD	RSA-Variants Digital Signature Schemes in Public-Key and Identity-Based Cryptography and Applications.
iii)	2009	Universiti Sains Malaysia	Mohamad Hadi Hooshmand	PhD	B-Parts of Real Numbers and their Generalizations
iv)	2005	Universiti Sains Malaysia	Teo Chun Yew	PhD	Public Key Cryptography Based on Elliptic Curve Discrete Logarithm Problem.
v)	2003	Universiti Sains Malaysia	Eddie Shahril bin Ismail	PhD	Digital Signature Schemes and Their Respective Applications.
vi)	2003	Universiti Teknologi Malaysia	Nor'aini bt Aris	PhD	Computation of the Greatest Common Divisors of Generalized Polynomials.

viii)	2001	Universiti Kebangsaan Malaysia	PhD
ix)	1996	Universiti Kebangsaan Malaysia	MS
x)	1996	Macquarie University Mohd Rushdan Sydney, Australia Md Said	PhD
xi)	1994	Universiti Kebangsaan Malaysia	MS
xii)	1992	Universiti Malaya (UM)	PhD

#### **LAIN-LAIN PELANTIKAN:**

- 1) Penilai Kenaikan Pangkat ke Jawatan Profesor/Profesor Madya :-
  - Universiti Teknologi Mara (2011)
  - Universiti Sains Malaysia (2009)
  - Universiti Putra Malaysia (1993 – sekarang)
  - Universiti Kebangsaan Malaysia (1994, 1996, 2004, 2006, 2007, 2008)
  - Universiti Teknologi Malaysia (1998, 2001, 2010)
  - Universiti Pendidikan Sultan Idris (2001, 2002)
  - Kolej Universiti Sains dan Teknologi (KUSTEM) (2003)
  - Kolej Universiti Teknologi Tun Hussein Onn (2004, 2011)
- 2) Pengerusi Bersama Panel Pakar Pembentukan Dasar Kriptologi Negara (Mulai 2010)
- 3) Presiden, Malaysian Society for Cryptology Research (MSCR) (Mulai 2005)
- 4) Peneraju kepada pelaksanaan MOU dan MOA antara UPM dengan :
  - i) Institute of Mathematics Vietnamese Academy of Science and Technology (INVEST)
  - ii) Biological Institute of Statistics Scotland (BIOSS)
  - iii) Malaysian Institute of Microelectronic System (MIMOS)
- 5) Pengerusi Majlis Ketua Jabatan dan Profesor Matematik IPTA Malaysia.
- 6) Ketua Editor Malaysian Journal of Mathematical Sciences.
- 7) Editor, International Journal of Cryptology Research.
- 8) Editor, KALAM Journal of Mathematics.
- 9) Contributor to Academic Peer Review of the THES-QS World University Rankings (2006-2008).
- 10) Ahli Organizing Committee of International Conference On Applied Analysis and Algebra, Istanbul, Turki (2011).
- 11) Ahli Scientific Committee of International Conference on Applied Analysis and Algebra, Istanbul, Turkey (2011).

- 12) Ahli Jawatankuasa Penasihat The Fifth International Conference on Research and Education in Mathematics (ICREM 5) – Bandung (2011)
- 13) Ahli International Committee of International Conference in Mathematics and Statistics 2008.
- 14) Ahli International Committee for the 5<sup>th</sup> Asian Mathematics Conference (AMC 2009).
- 15) Ahli Liaison Committee for AsiaCrypt 2007.
- 16) Ahli Jawatankuasa Penilai Skim Geran Penyelidikan Fundamental (FRGS) IPTA Malaysia Bagi Bidang Sains Tulen KPT, Fasa 1/2007, 1/2008.
- 17) Ahli Jawatankuasa Induk Persidangan Pengajaran dan Pembelajaran di Peringkat Pengajian Tinggi 2007 (CTLHE 07).
- 18) Ahli Penaja Muslim Society for Mathematics and Statistics of South East Asia (2005).
- 19) Ahli Jawatankuasa Peristilahan Matematik antara Universiti Awam Malaysia
- 20) Ahli Jawatankuasa Majlis Bahasa MABBIM (Malaysia Brunei Darussalam dan Indonesia).
- 21) Ahli Jawatankuasa Pengkaji Pelaksanaan Program Pengajian Matrikulasi KPT (2004).
- 22) Ahli Lembaga Pengarah Pusat Tenaga Malaysia (1998-2002).
- 23) Pengerusi Jawatankuasa Timbalan Naib Canselor (Akademik) IPTA (1998-2000)
- 24) Pengerusi Bersama Jawatankuasa Penyelidikan Bersama:
  - i) UPM-MINT (1999-2000)
  - ii) UPM-Sakutek (1999-2000)
  - iii) UPM-Majlis Sukan Negara (1997-2000)
- 25) Ahli Lembaga Penasihat Program Matrikulasi Kebangsaan (1997-2000).
- 26) Ahli Lembaga Penasihat Pengarang Jurnal "Bulletin of the Malaysian Mathematical Society"
- 27) Ahli Exco Persatuan Matematik Malaysia
- 28) Felo kepada "Institute of Islamic Thoughts, Malaysia" (1996 – 1998)
- 29) Panel Hakim Anugerah Persatuan Matematik Malaysia – TELEKOM
- 30) Felo Penyelidik di Universiti of Macquarie, Australia (1990)
- 31) Pengadil Kepada Jurnal :
  - i) South East Asia Mathematical Bulletin (1987)
  - ii) Discovering Mathematics (1992)
  - iii) Sains Malaysiana (1993)
  - iv) Journal of Physical Science (1994)
  - v) Pertanika Journal of Science and Technology (1992 – 1997)
  - vi) Buku "The Analytic Hierarchy Process : An Effective Multi-Criteria Decision Making Tool"
    - Pusat Penyelidikan Universiti Islam Antarabangsa (2002)
- 32) Pengerusi METAMADESA, Persatuan Matematik Malaysia (1986)
- 33) Penilai buku terbitan Dewan Bahasa dan Pustaka (1987 – 1988)
- 34) Ketua Pengarang Majalah "Exponen" terbitan Jabatan Matematik (1988-1990).

**KHIDMAT AWAM:**

- 1) Ahli Lembaga Tatatertib Peguam Malaysia
- 2) Pengerusi Persatuan Warisan Daerah Hulu Langat (2004)
- 3) Penyumbang Pingat Emas Pelajar Bumiputra Terbaik Matematik SPM di Sekolah Tinggi Kajang (mulai 2002)
- 4) Penyumbang Pingat Emas Pelajar Bumiputra Terbaik Aliran Sains SPM dan Pelajar Terbaik PMR di Sekolah Tinggi Kajang (mulai 2005)
- 5) Ahli Jawatankuasa Surau Al-Hidayah Taman Bukit Kajang (2001 – 2005)
- 6) Pengerusi Akademik Program Kecemerlangan Akademik Daerah Hulu Langat Selangor (1991 – 1997)
- 7) Ahli Lembaga Pentadbiran Tabung Kebajikan dan Pendidikan Yayasan Sepang (1994 – 1995)
- 8) Pengerusi Persatuan Penduduk Taman Kajang Jaya, Kajang, Selangor (1992 – 1996)
- 9) Pengerusi Kumpulan Iktisad dan Pengusaha Sepang (1993).
- 10) Pengerusi Persatuan Ibu Bapa dan Guru Sekolah Menengah Jalan Bukit (1990 & 1991)
- 11) Penyumbang derma bulanan kepada tabung MAKNA.

**KEAHLIAN PERSATUAN:**

- 1) AAAS (American Association for the Advancement of Science)
- 2) Ahli Seumur Hidup PERSAMA (Persatuan Sains Matematik Malaysia)
- 3) Ahli Pusat Tenaga Malaysia (PTM)
- 4) Malaysian Society for Cryptology Research (MSCR)
- 5) Australian Mathematical Society
- 6) American Mathematical Society

**JALINAN KERJASAMA:**

- 1) Institute of Mathematics of Vietnamese Academy of Science and Technology
- 2) Biological Institute of Statistics Scotland (BIOSS)
- 3) Institute of Mathematical Research, University of Singapore
- 4) University of Massachusetts, Amherst US
- 5) Isaac Newton Institute of Mathematical Research University of Cambridge.
- 6) Institut Teknologi Bandung, Indonesia
- 7) University of Harington-Watt, UK
- 8) University of Southampton, UK
- 9) University of Western Sydney, Australia

**ANUGERAH:**

- 1) Darjah Kebesaran Dato Paduka Mahkota Selangor (DPMS) 2003
- 2) Darjah Kebesaran Johan Setia Mahkota (JSM) pada tahun 1997 daripada DYMM Yang DiPertuan Agung.
- 3) Felo PERSAMA (FPSM) bermula Jun 2007.
- 4) Anugerah PERSAMA 2008: Hadiah Utama Makalah Ilmiah 2008.

- 5) Anugerah PERSAMA 2008: Hadiah Sagu Hati Buku Karya Asli 2008.
- 6) Anugerah Penyelidik Cemerlang UPM (2006)
- 7) Anugerah Penyelidik Cemerlang Kementerian Pengajian Tinggi (2005).
- 8) Anugerah/Sijil Khidmat Cemerlang UPM pada tahun 1993, 1998, 2000, 2005, 2007.
- 9) Anugerah Penyelidik Cemerlang Fakulti Sains dan Pengajian Alam Sekitar (2001, 2003, 2007).
- 10) Anugerah Khidmat Setia Putra UPM (1999)
- 11) Anugerah Pengajar Cemerlang Fakulti Sains dan Pengajian Alam Sekitar (2002, 2003, 2007, 2010).
- 12) Anugerah Pingat Gangsa "Invention and Research Exhibition" 2002.
- 13) Anugerah Adi Pensyarah Fakulti Sains dan Pengajian alam Sekitar (2003)
- 14) Anugerah Adi Penyelidik Fakulti Sains dan Pengajian Alam Sekitar (2003).
- 15) Anugerah Pingat Emas dan Perak di Expo Science, Technology and Innovation 2004.
- 16) Anugerah Pingat Perak di 33<sup>rd</sup> International Exhibition for Inventions, Techniques and New Products di Geneva, Switzerland (2005).
- 17) Anugerah Pingat Perak di Pameran PRPI UPM (2008).



# **AKTIVITI PENYELIDIKAN:**

Bil.	Tajuk Penyelidikan	Status	Tarikh mula	Tarikh dijangka selesai	Tajaan/Kos	Penyelidik bersama
1.	Estimation of Multiple Exponential Sums Associated With Higher Degree Forms	Ketua	2011	2013	ERGS RM65,000.00	M. Rushdan Md. Said Siti Hasana Sapar
2.	Integral Solutions of Diophantine Equations	Ahli	2010	2012	FRGS RM43,680.00	Siti Hasana Sapar
3.	Discretization of Chaotic Dynamical Map for Cryptographic Implementation	Ahli	2010	2012	FRGS RM41,600.00	M. Rezal M. Rushdan Faridah Yunos
4.	On the p-adic Orders of Factorial Functions	Ketua	2008	2010	-	Rafikah Siti Hasana Sapar
5.	On the Elliptic Curve Cryptosystem	Ahli	2008	2011	-	Aniza M. Rezal
6.	Generalizations of Lindelof Properties in Bitopological Spaces. (06-01-04-SF0115)	Ketua	2007	2009	Science Fund RM76,500	Adem Kilicman
7.	On the Estimation of the Cardinality of Solutions to Congruence Equations	Ketua	2007	2009	-	Aishah Adibah Siti Hasana Sapar
8.	Estimation of Multiple Exponential Sums.(05-10-07-386FR)	Ahli	2007	2009	FRGS RM60,200	Siti Hasana Sapar M. Rushdan
9.	On the Determination of p-adic Orders of Common Roots to Linear Forms	Ketua	2007	2009	-	Yap Hong Keat Siti Hasana Sapar
10.	Public Key Infrastructure and Chaos-Based Cryptography.(01-01-07-154FR)	Ahli	2007	2009	FRGS RM70,082	Muhammad Rezal, Muhamad Rushdan, Faridah Yunus.
11.	Generalized Lindelofness and Regular-Lindelofness in Bitopological Spaces (01-01-07-158FR)	Ketua	2006	2008	FRGS RM76,500	Adem Kilicman, Zabidin Salleh, Hassan Eltayeb Gadain.

12.	Applications of Exponential Sums in Cryptography	Ahli	2005	2008	-	Rushdan Md. Said, Faridah Yunus Siti Hasana Sapar
13.	Development of Airborne-based Ground Penetrating Radar System for Soil Moisture Mapping of Agricultural Fields.(04-01-04-SF0118)	Ahli	2005	2008	Science Fund. RM120,000	Jumiah Hassan, Zulkifly Abbas, Noor Akma Ibrahim
14.	On the RSA-type Cryptosystem (01-19-03-097J)	Ketua	2005	2007	FRGS RM50,000	Muhamad Rushdan, Ismail Abdullah, Mohamed Othman.
15.	History and Philosophy of Ethnomathematics in South East Asia	Ahli	2004	2007	-	Mat Rofa Ismail
16.	Estimation of Multiple Exponential Sums Associated With Higher Degree Polynomials	Ketua	2002	2005	-	Siti Hasana Sapar, Wahida Abd.Rahman
17.	Interactive and Animated Mathematics for Mathematics Education (Projek IRPA : 07-02-04-0424-EA 001)	Ketua	2002	2005	IRPA RM185,000.00	Rusteem Suncheleyev, Ismail Abdullah, Ural Baecbaev

## PENERBITAN:

1. Adem Kilicman, Hassan Eltayeb & **Kamel Ariffin Mohd Atan**, "A Note On The Comparison Between Laplace and Samudu Transforms," Bulletin of the Iranian Mathematical Society, Vol. 37 No. 1 (2011), pp 131-141.
2. M.A. Mohamed, **K.A. Mohd Atan**, "Rule Based Representation of Integer for a New Addition Chain Method," Applied Mathematical Sciences (2011) (Accepted for publication).
3. H.K. Yap, **K.A. Mohd Atan** and S.H. Sapar, "Estimation of p-adic Sizes of Common Zeros of Partial Derivatives Associated With a Cubic Form," Sains Malaysiana (2011) Vol. 40(8): 921-926.
4. M.A. Mohamed, M.R. Mohd Said, **K.A. Mohd Atan**, Z. Ahmad Zulkarnain, "Shorter Addition Chain for Smooth Integers Using Decomposition Method," International Journal for Computer Mathematics (2011) Vol. 88. No. 11: 2222-2232.
5. S. Seddighi Chaharboj, M.R. Abu Bakar, A.H. Malik, **M.A. Kamel Ariffin**, I. Noor Akma, "A New Modification of the Homotopy Perturbation Method," Ultra Science (2010) Vol.22 (1): 309-316.
6. Sozan Obaiys, Rakhimov Isamiddin Sattarovich, **Kamel Ariffin Mohd Atan**, "Classification of First Class Of Complex Filiform Leibniz Algebras" Publisher: Lampert Academic Publishing Germany (2010).
7. M.R. Ismail, **K.A. Atan**, "Mathematics in the Malay World Prior to the Arrival of Western Mathematics," Procedia Social and Behavioural Sciences (2010), Vol. 8 pp. 729-734.
8. Rakhimov Isamiddin Sattarovich, **Kamel Ariffin Mohd Atan**, "On Contractions and Invariants of Leibniz Algebras," Bulletin of the Malaysian Mathematical Science Society (2010) – (Accepted for publication).
9. M.A. Mohamed, M.R. Md Said, **K.A. Mohd Atan**, Z. Ahmad Zulkarnain, "Decomposition Method for Shorter Addition Chain on Elliptic Curve Cryptography," International Journal of Computer Mathematics (sent for publication)
10. **K.A. Mohd Atan**, R. Suncheleev, M. Shitan, and Lim S.F., "Animated Geometry (AG) in Education: A Case Study," Proceedings of Global Learn Asia Pacific 2010 (2010): 583-588.
11. M.A. Mohamed, M.R. Md Said, **K.A. Mohd Atan**, and Z. Ahmad Zulkarnain, "An Improved Binary Method for Scalar Multiplication in Elliptic Curve Cryptography," Journal of Mathematics and Statistics 6 ( 1 ) (2010) : 28-33.
12. Abdul Wahed Ismail, Mohamad Rushdan Md Said, **Kamel Ariffin Mohd Atan**, Isamiddin Rakhimov, "An Algorithm to Enhance Elliptic Curve Scalar Multiplication Combining MBNR With Point Halving," Applied Mathematical Sciences, Vol. 4, No. 26, (2010):1259-1272.

13. S.H. Sapar, **K.A. Mohd Atan**, "A Method of Finding an Integral Solution to  $x^3 + y^3 = kz^4$ ," Proceedings of International Conference on Mathematical Sciences (2010) Vol. 1309, pp. 842-845.
14. Abdul Wahed Ismail, Mohamad Rushdan Md Said, **Kamel Ariffin Mohd Atan**, Isamiddin Rakhimov, "Bilinear Pairing Computation Using the Extended Double- Base Chains Algorithm," International Journal of Math. Analysis, Vol. 4, No. 19, (2010): 929- 941.
15. Nor Mazlin Zahari, Siti Hasana Sapar, **Kamel Ariffin Mohd Atan**, "A Method of Finding Integral Solution to the Diophantine Equation  $x^3 + y^3 = z^8$ ," Jurnal Karya Asli Lorekan Matematik (2010) pp. 9-12.
16. M.R.M. Said, M.A. Mohamed, **K.A. Mohd Atan** and Z. Ahmad Zulkarnain, "Signed Decomposition Method for Scalar Multiplication in Elliptic Curve Cryptography," American Institute of Physics (AIP) Conference Proceedings (2010), Vol. 1309: pp. 805-813.
17. Davood Razeipour, Mohamad Rushdan Md. Said, **Kamel Ariffin Mohd Atan**, Mohamed Othman, "The Strength of AES Cryptosystem Against the New Cryptanalytic Attacks" Proceedings of 4<sup>th</sup> International Cryptology Conference (2010) pp. 83-91.
18. **Kamel Ariffin Mohd Atan**, Siti Hasana Sapar, "On Positive Solutions of the Diophantine Equation  $x^3 + y^3 = 2^k z^3$ ," "Prosiding Seminar Kebangsaan Aplikasi Sains & Matematik (2010) pp. 27-31.
19. **Kamel Ariffin Mohd Atan**, "Penentuan Penyelesaian Integer Beberapa Persamaan Diofantus," "Prosiding Seminar Kebangsaan Ke-4 PBPO (2010).
20. Siti Hasana Sapar, **Kamel Ariffin Mohd Atan**, "Suatu Kaedah Mencari Penyelesaian Integer Kepada Persamaan Diofantus  $x^3 + y^3 = z^3$ ," Prosiding Seminar Kebangsaan Aplikasi Sains & Matematik (2010) pp. 233-238.
21. Siti Hasana Sapar, **Kamel Ariffin Mohd Atan**, "On the Diophantine Equation," Prosiding Seminar Kebangsaan Aplikasi Sains & Matematik (2010) pp: 339-346.
22. Nor Mazlin Zahari, Siti Hasana Sapar, **Kamel Ariffin Mohd Atan**, "A Method of Finding Integral Solution to the Diophantine Equation  $x^3 + y^3 = z^8$ ," Prosiding Seminar Kebangsaan Ke-4 PBPO (2010).
23. Wong Tze Jin, Mohamad Rushdan Md Said, **Kamel Ariffin Mohd Atan**, Mohamed Othman, "GCD Attack on the LUC4 Cryptosystem," "International Journal of Cryptology Research, (2009) pp. 179-189.
24. Siti Hasana Sapar, **Kamel Ariffin Mohd Atan**, "An Estimation of Exponential Sums Associated With a Sextic Polynomial," Proceedings of Fundamental Science Congress (2009), pp: 35-36.

25. G.C.Lau, Y.H. Peng and **Kamel Ariffin Mohd Atan**, "Chromaticity of Complete Tripartite With Certain Star or Matching Deleted," *Ars Combinatorics Journal*. (Accepted for Publication).
26. S. H. Sapar, **K. A. Mohd Atan**, "A Method of Estimating the p-adic Sizes of Common Zeros of Partial Derivative Polynomials Associated With a Quintic Form," *International Journal of Number Theory* Vol. 5 No. 3 (2009): 541-554
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**PERSIDANGAN:**

Bil.	Tajuk Persidangan	Taraf	Kertaskerja yang dibentangkan	Tarikh	Tempat	Penulis Bersama (jika ada)
1.	The 5 <sup>th</sup> International Conference On Research and Education in Mathematics	Penulis Bersama	On the Solutions to the Diophantine Equation $x^4 + y^4 = 2z^2$	22-14 Okt. 2011	Bandung Indonesia	S. Ismail
2.	The 5 <sup>th</sup> International Conference On Research and Education in Mathematics	Penulis Bersama	A General Relation Between Sums of Cubes and Triangular Pyramidal Numbers	22-24 Okt. 2011	Bandung Indonesia	M. Aidil, S.H. Sapar
3.	The 5 <sup>th</sup> International Conference on Research and Education in Mathematics	Penulis Bersama	A Composition method for Shorter Addition Chain	22-24 Okt. 2011	Bandung Indonesia	M. Rushdan M. Affendee Z. Zulkarnain
4.	The 5 <sup>th</sup> International Conference on Research and Education in Mathematics	Penulis Bersama	A Reduced q-adic Naf Representation for An Efficient Scalar Multiplication on Anomalous Binary Curves	22-24 Okt. 2011	Bandung Indonesia	F. Yunos M. Rezal M. Rushdan
5.	International Conference on Applied Analysis and Algebra	Peserta	-	29 Jun-2 Julai 2011	Istanbul Turki	-
6.	Seminar Kebangsaan Aplikasi Sains Dan Matematik 2010 (SKSM 18)	Pengucap Utama (Key Note Speaker)	Number Theory and Cryptography	8 Dis. 2010	Johor Bharu	-
7.	Seminar Kebangsaan Aplikasi Sains & Matematik 2010	Pembentang	On Positive solutions of the Diophantine Equation $x^3 + y^3 = 2^k z^3$	8-10 Dis. 2010	Johor Bharu	Siti Hasana
8.	Seminar Kebangsaan Aplikasi Sains & Matematik 2010	Penulis Bersama	Suatu Kaedah Mencari Penyelesaian Integer Kepada Persamaan Diofantus $x^3 + y^3 = z^4$	8-10 Dis. 2010	Johor Bharu	Siti Hasana
9.	Seminar Kebangsaan Aplikasi Sains & Matematik 2010	Penulis Bersama	Integral Solutions for the Diophantine Equation $x^3 + y^3 = 2z^2$	8-10 Dis. 2010	Johor Bharu	M. Rushdan Shahrina Ismail
10.	International Conference on Mathematical Sciences 2010	Penulis Bersama	A Method of Finding an Integral Solution to $x^3 + y^3 = kz^4$	24-27 Nov. 2010	Bolu, Turki	Siti Hasana

11.	International Conference on Mathematical Sciences 2010	Penulis Bersama	Signed Decomposition Method for Scalar Multiplication in Elliptic Curve Cryptography	24-27 Nov. 2010	Bolu, Turki	Mohd Rushdan, Zuriati, Mohamad Afendee
12.	54th Annual Conference of the Australian Mathematical Society	Pembentang	On the Estimation of Cardinality of Common Solutions of Congruence Equations	27-30 Sept. 2010	University of Queensland Australia	-
13.	Seminar Kebangsaan ke-4 PBPO 2010	Pembentang Ucaptama (Key Note speaker)	Penentuan Penyelesaian Integer Beberapa Persamaan Diofantus	24-25 Sept. 2010	Kuantan Pahang	-
14.	Seminar Kebangsaan ke-4 PBPO 2010	Pembentang Bersama	A Method of Finding Integral Solution to the Diophantine Equation $x^3 + y^3 = z^8$	24-25 Sept. 2010	Kuantan Pahang	Nor Mazlin, Siti Hasana
15.	Global Learn Asia-Pacific 2010 –Global Conference on Learning and Technology	Pembentang	Animated Geometry (AG) In Education: A Case Study	17-20 Mei 2010	Park Royal Hotel Pulau Pinang	R. Suncheleev, M. Shitan
16.	Fundamental Science Congress 2010	Penceramah Ucaptama (Key-Note Speaker)	Mathematics, A Field We Cannot Do Without	18-19 Mei 2010	UPM	-
17.	Fundamental Science Congress 2010	Pembentang Bersama	Finding Integral Solutions for the Diophantine Equation $x^{2m} + y^{2n} = 2^l z^k$	18-19 Mei 2010	UPM	Shahrina Ismail, Muhamad Rushdan Md Said
18.	Simposium Kebangsaan Sains Matematik Ke-17	Pembentang Bersama	Faults Based Attack on The 4 <sup>th</sup> Order of LUC Cryptosystem	15-17 Dis. 2009	Hotel Mahkota Melaka	Wong Tze Jin, Mohd Rushdan Md Said, Mohamed Othman
19.	Simposium Kebangsaan Sains Matematik Ke-17	Pembentang Bersama	Satu Kaedah Penyelesaian Persamaan Diofantus $x^3 + y^3 = z^2$	15-17 Dis. 2009	Hotel Mahkota Melaka	Nor Mazlin Zahari, Siti Hasana Sapar.
20.	Simposium Kebangsaan Sains Matematik Ke-17	Pembentang Bersama	Suatu Kaedah Penentuan Saiz p-adic Fungsi Faktorial	15-17 Dis. 2009	Hotel Mahkota Melaka	Rafika Zulkapli, Siti Hasana Sapar.
21.	The 4th International Conference on Research and Education in Mathematics (ICREM4)	Pembentang Bersama	A Method for Determining p-adic Sizes of Factorials and Its Applications.	21-23 Okt. 2009.	Kuala Lumpur	Rafika Zulkapli, Siti Hasana Sapar

22.	The 4th International Conference on Research and Education in Mathematics (ICREM4)	Pembentang Bersama	On the p-adic orders of common roots of partial derivative polynomials	21-23 Okt. 2009	Kuala Lumpur	Yap Hong Keat, Siti Hasana Sapar
23.	Format dan Penilaian FRGS	Pembentang Jemputan	Strategi Membuat Permohonan Geran Penyelidikan	19Feb. 2009	Universiti Utara Malaysia,	-
24.	Seminar Kebangsaan Pengoptimuman Berangka dan Penyelidikan Operasi ke 2	Penceramah Ucaptama (Key Note Speaker)	On Expressions of Sums of Powers of Integers	13-14 Dis. 2008	Universiti Malaysia Terengganu	-
25.	Seminar Kebangsaan Pengoptimuman Berangka dan Penyelidikan Operasi Ke 2	Penulis Bersama	An Estimation of p-adic Sizes of Common Zeroes of Partial Derivative Polynomials Associated With a Quadratic Form	13-14 Dis 2008	UMT	H.K.Yap, S.H.Sapar
26.	Seminar Kebangsaan Pengoptimuman Berangka dan Penyelidikan Operasi ke 2	Penulis Bersama	A Method for Determining p-adic Sizes of Factorial Functions and Its Applications.	13-14 Dis 2008	UMT	Rafika Zulkapli, S.H.Sapar
27.	Seminar Kebangsaan Pengoptimuman Berangka dan Penyelidikan Operasi ke 2	Penulis Bersama	Estimation of the Cardinality of Solutions to the Set of Simultaneous Congruence Equations in Three Variables	13-14 Dis 2008	UMT	Aishah Adibah Shariff Pudir, S.H.Sapar
28.	The Third International Conference on Mathematics and Statistics (ICOMS III)	Pembentang Kertaskerja	On the Construction of p-adic Newton Polyhedra and Their Applications.	5-7 Ogos 2008	Bogor Indonesia	-
29.	Simposium Kebangsaan Sains Matematik ke 16	Penulis Bersama	Penganggaran Kekardinalan Set Penyelesaian Persamaan Kongruen Serentak Dua Pembolehubah	3-5 Jun 2008	Kota Bharu Kelantan	A. A. Sharif Pudir S. H. Sapar
30.	Simposium Kebangsaan Sains Matematik Ke 16	Penulis Bersama	Penganggaran Hasil Tambah Eksponen Polinomial Berdarjah Enam	3-5 Jun 2008	Kota Bharu Kelantan	S. H. Sapar

31.	Retreat Matematik 2008	Pembentang Utama	Penilaian Cadangan Projek Penyelidikan	5 Feb 2008	UiTM Shah Alam	-
32.	Seminar Pelancaran Institut Matematik Kejuruteraan (IMK) Universiti Malaysia Perlis	Pembentang Jemputan (Key Note Speaker)	The Way Forward, INSPER's Experience	25 Jun 2008	Universiti Malaysia Perlis	-
33.	First International Malaysian Educational Technology Convention 2007	Pembentang Kertaskerja	Students' Perception at UNIKL (MIAT) on Using Animation in Learning Mathematics (accepted for presentation)	2-5 Nov. 2007	Johor Bharu	R. Suncheleev, M. Shitan, M. Shafic Mustafa
34.	Simposium Kebangsaan Sains Matematik 15	Ahli Panel Forum	Sains Matematik Pemangkin Pembangunan Modal Insan	5-7 Jun 2007	Shah Alam	-
35.	Simposium Kebangsaan Sains Matematik 15	Ahli Panel Forum	Sains Matematik Pemangkin Pembangunan Modal Insan	5-7 Jun 2007	Shah Alam	-
36.	The 2 <sup>nd</sup> International Conference on Mathematics and Statistics (ICOMS II)	Plenary Speaker	Newton Polyhedron and Estimate to Exponential Sums	28-30 Mei 2007	Johor Bharu	-
37.	The 2 <sup>nd</sup> International Conference on Mathematics and Statistics (ICOMS II)	Penulis Bersama	Cardinality of the Set of Solutions to Congruence Equations Associated With a Seventh Degree Form	28-30 Mei 2007	Johor Bharu	S. H. Sapar
38.	The Third International Conference on Research and Education in Mathematics (ICREM III)	Penulis Bersama	On the Cardinality of Solution of Congruence Equations Associated With a Sextic Form	10-12 April 2007	Kuala Lumpur	S. H. Sapar
39.	2 <sup>nd</sup> Indonesia Malaysia Joint Conference on Mathematics and Statistics	Keynote Speaker	Mathematicians and Statisticians as Research Collaborators: The Malaysian Experience	10-12 Jan 2007	ITS Surabaya Indonesia	-
40.	National Conference on Biological Mathematics.	Penulis Bersama	Finite Element Analysis for Palm Oil Fruit Using Open-Ended Coaxial Sensor	22-23 Ogos 2006	Putrajaya	Y K. Yew, Z. Abbas N.M.A.N. Long, J. Hassan, A. H. Shaari

41.	International Conference on Mathematics and Statistics-1 (ICOMS-1)	'Public Lecture' Jemputan (Key Note Speaker)	Fascination With Numbers	19-21 Jun 2006	Hotel Jayakarta Bandung Indonesia	-
42.	International Conference on Mathematics and Statistics-1 (ICOMS-1)	Pembentang Kertaskerja	On the Cardinality of the Set of Solutions to Congruence Equations Associated With Seventh Degree Form	19-21 Jun 2006	Hotel Jayakarta Bandung Indonesia	S. H. Sapar
43.	International Conference on Mathematics and Statistics-1 (ICOMS-1)	Penulis Bersama	A Computer Approach in the Transformation of Two-Variable Polynomial Into One-Variable Polynomial	19-21 Jun 2006	Bandung Indonesia	Ismail Abdullah
44.	2 <sup>nd</sup> IMT-GT Regional Conference on Mathematics, Statistics and their Application	Penceramah Jemputan (Invited Speaker)	Newton Polyhedra and Estimation Exponential sums	13-15 Jun 2006	Pulau Pinang	J.H. Loxton
45.	2 <sup>nd</sup> IMT-GT Regional Conference on Mathematics, Statistics and their Application	Penulis Bersama	On the Cardinality of the Set of Solutions to Congruence Equations Associated With Quintic Forms	13-15 Jun 2006	Pulau Pinang	S.H. Sapar, M.R. Said
46.	Simposium Kebangsaan Sains Matematik ke-14	Keynote Speaker	Ilmu Sains Matematik Dalam Era Pembangunan Teknologi	6-8 Jun 2006	Kuala Lumpur	-
47.	Simposium Kebangsaan Sains Matematik ke-14	Penulis Bersama	Penganggaran Saiz p-adic Pensifar sepunya terbitan separa polynomial	6-8 Jun 2006	Kuala Lumpur	S. H. Sapar M. R. Said
48.	Simposium Kebangsaan Sains Matematik ke-14	Penulis Bersama	Pendekatan Komputer Dalam Transformasi Polinomial Satu Pembolehubah	6-8 Jun 2006	Kuala Lumpur	I. Abdullah
49.	Simposium Kebangsaan Sains Matematik ke-14	Penulis Bersama	Enhancing Algorithms of the Cubic Analogue of the RSA System	6-8 Jun 2006	Kuala Lumpur	M. R. Said, W. T. Jin
50.	Bengkel Permohonan Geran Penyelidikan Pensyarah Muda Matematik	Pembentang Kertaskerja	Membangunkan Budaya Penyelidikan	15 Dis. 2005	USM Pulau Pinang	-



51.	Fourth Asian Mathematics Conference	Penulis Bersama	On the Cardinality of the Set of Solutions to Congruence Equations Associated With A Seventh Degree Form	20-23 Julai 2005	NUS Singapura	S.H. Sapar
52.	Seminar Kerjaya dan Penyelidikan dalam Penyelidikan Matematik	Ucaptive (Key Note Speaker)	Pembudayaan Aktiviti Penyelidikan dan Kerjaya dalam Bidang Matematik	19 Julai 2005	KUSTEM Kuala Trengganu	-
53.	Simposium Kebangsaan Sains Matematik Ke-13	Penceramah Jemputan (Invited Speaker)	Anjakan Paradigma dalam Pengajaran dan Pembelajaran Matematik	29-31 Mei 2005	Universiti Utara Malaysia Alor Star Kedah	-
54.	Simposium Kebangsaan Sains Matematik Ke-13	Pembentang Bersama	Pembelajaran dan Pengajaran Matematik Berbantuan Komputer	29-31 Mei 2005	Universiti Utara Malaysia Alor Star Kedah	R. Suncheleev, S. Mahendran
55.	International Conference on Research Education in Mathematics II (ICREM II)	Pembentang	On the Estimate of p-adic Order of Common Zeros to Partial Derivative Polynomials	25-27 Mei 2005	Putrajaya	Siti Hasana Sapar
56.	33 <sup>rd</sup> International Exhibition of Inventions, New Techniques and Products	Peserta Pertandingan	Educational Software for the Teaching and Learning of University Level Calculus	6-11 April 2005	Geneva, Switzerland	Rustem Suncheleev
57.	Seminar Kebangsaan Matematik dan Masyarakat	Penulis Bersama	Teknologi Berbantuan Komputer dalam Pengajaran dan Pembelajaran Kalkulus	26-27 Feb. 2005	KUSTEM Kuala Terengganu	R. Suncheleev, S. Mahendran, R.H. Abdullah
58.	Seminar Kebangsaan Nadwah Ulama Ilmuan Malaysia	Penceramah Jemputan	Ilmu Matematik di Dunia Melayu Sebelum Kedatangan Matematik Barat	25 Dis 2004	UPM	Mat Rofa Ismail
59.	Simposium Kebangsaan Sains Matematik Ke-12	Penulis Bersama	Luas Projeksi Polihedron Newton	23-24 Dis. 2004	Universiti Islam Antarabangsa	Ismail Abdullah, Emizul Ezani
60.	Simposium Kebangsaan Sains Matematik Ke-12	Penulis Bersama	Penganggaran Kekardinalan Set Penyelesaian Persamaan Kongruen	23-24 Dis. 2004	Universiti Islam Antarabangsa	Siti Hasana Sapar
61.	World Conference on e-Learning in Corporate, Government, Health Care and Higher Education	Pembentang	Animated Software for the Teaching and Learning of University Mathematics	1-5 Dis. 2004	Washington D.C., USA	Rustem Suncheleev

62.	International Conference on Statistics and Mathematics and Its Applications in the Development of Science and Technology	Penceramah Jemputan	Mathematics in the Malay World Prior to the Arrival of Western Mathematics	4-6 Okt. 2004	Bandung Indonesia	Mat Rofa Ismail
63.	International Conference on Statistics and Mathematics and Its Applications in the Development of Science and Technology	Penulis Bersama	On the Cardinality of the the Set of Solutions to Congruence Equations	4-6 Okt. 2004	Bandung Indonesia	Siti Hasana Sapar
64.	Expo Science, and Technology and Innovation	Peserta	Educational Software in the Teaching of Introductory Calculus and Algebra at University Level	27-29 Ogos 2004	Kuala Lumpur	R. Suncheleev, I. Abdullah, U. Baekbaev
65.	TSL Expository Lecture Series III	Pengerusi	Quantum Singularities	5 Julai 2004	ITMA UPM	-
66.	Annual Fundamental Science Seminar 2004 (AFSS 2004)	Penceramah Jemputan (Ucaptama) (Key Note Speaker)	Malaysian Mathematicians: The Country's Untapped Research Collaborators	15 Jun 2004	UTM (Institut Ibnu Sina)	-
67.	I-TEX Exhibition	Peserta	Animation of University Level Introduction to Calculus	20 Mei 2004	Kuala Lumpur (MegaMall Exhibition Centre)	R. Suncheleev
68.	2 <sup>nd</sup> Qualitative Research Convention	Pembentang	Ethnical Issues in Mathematics Research	22-23 Okt. 2003	Universiti Malaya	Mat Rofa Ismail
69.	Conference in Conjunction with the Public Institutions of Higher Learning (IPTA) R & D Exposition 2003	Pembentang	An Explicit Estimate of Exponential Sums Associated With Cubic and Quadratic Forms	2-5 Okt. 2003	PWTC Kuala Lumpur	Chan K.L. Heng S.H.
70.	SEAMS GMU International Conference 2003 on Mathematics and Its Applications	Penulis Bersama Kertas Kerja	Automating the Graphics of Newton Polyhedron Associated With A Two-Variable Polynomial	13-17 Julai 2003	Jogjakarta, Indonesia	Ismail Abdullah

71.	International Conference on Mathematics Education and Research	Penulis Bersama Kertas Kerja	On the Cardinality of the Set of Solutions to Congruence Equation	3 April 2003	Hotel Equatorial Bangi	Siti Hasana Sapar
72.	International Conference on Mathematics Education and Research	Penulis Bersama Kertas Kerja	Interactive and Animated Mathematics for Maths Education	2 April 2003	Hotel Equatorial Bangi	Rustem Suncheleev
73.	International Conference on Mathematics Education and Research	Pengerusi Kertas Kerja Jemputan	Active Learning Methods in Mathematics Education in USA: STEMTEC PROJECT	2 April 2003	Hotel Equatorial Bangi	-
74.	International Conference on Mathematics Education and Research	Penasihat	-	2 – 4 April 2003	Hotel Equatorial Bangi	-
75.	Bengkel Cluster Penyelidikan UPM	Pengerusi Sesi Pembentangan Cluster	-	11-12 Mac 2003	Cyberview Lodge Resort Cyberjaya	-
76.	Persidangan Kebangsaan Pendidikan Matematik UPSI 2002	Pembentang Kertas Kerja Ucap Utama (Key Note Speaker)	Memperluas Peranan Ilmu Matematik Dalam Sistem Pendidikan	29-31 Okt. 2002	Hotel de'Palma Kuala Lumpur	-
77.	Seminar Kebangsaan Matematik Industri	Penasihat dan Ahli Panel	Peningkatan Kerjasama Antara IPT dengan sektor Industri dalam Penyelidikan Bermatematik	12 Okt. 2002	UPM	-
78.	INSPEM's Weekly Seminar	Pembentang Kertas Kerja	On the Exponential Sums – A General Survey	7 Ogos 2002	UPM	-
79.	Bengkel Intensif MS ISO 9001:20000	Peserta	-	3 – 5 Mei 2002	Hotel Equatorial Melaka	-
80.	Seminar Sehari Sejarah dan Falsafah Matematik	Pembentang Kertas Kerja	Kepentingan Ilmu Falsafah dan Sejarah dalam Pendidikan Matematik	26 Jan 2002	UPM	-
81.	31 <sup>st</sup> Iranian Mathematics Conference	Penceramah	Building Cooperation in Mathematical Research	27-28 Ogos 2000	University of Tehran, Iran	-

82.	International Conference on The Rise of The Professional and The Demise of the University	Peserta	-	12-13 Julai 2000	Bangkok, Thailand	-
83.	Seminar on Cooperation in Higher Education	Penceramah	Opportunities for Joint Cooperation in Academic and Research Activities	15-21 Ogos 1997	Tashkent, Uzbekistan	Mohammad Awang Rosli Muhamad
84.	Simposium Kebangsaan Sains Matematik ke VII	Penulis Bersama	Diophantine Methods in the Analysis of Inter-dependent Data	3 - 5 Dis. 1996	ITM Shah Alam	M. Yazid Saman
85.	Simposium Kebangsaan Sains Matematik ke VII	Pembentang	Challenges Faced by Mathematics Education in the 21 <sup>st</sup> Century	3 – 5 Dis. 1996.	ITM Shah Alam	-
86.	Seminar on Mathematics Research	Pembentang	On the Development of Diophantine Equations	12 Dis. 1995	ITM Shah Alam	-
87.	International Congress of Mathematics	Pembentang	Determination of p-adic zeros of Polynomials	3-11 Ogos 1994	University of Zurich, Switzerland	-
88.	National Symposium on the Teaching of History and Philosophy of Science in Institutions of Higher Learning	Pembentang Bersama	History and Philosophy of Mathematics In the Academic Curriculum of Malaysian Higher Institutes of Learning	3 Julai 1994	Universiti Malaya, Kuala Lumpur	Mat Rofa Ismail
89.	National Symposium on the Teaching of History and Philosophy of Science in Institutions of Higher Learning	Pembentang	The Development of the Teaching of History and Philosophy of Science in UPM	4 Julai 1994	Universiti Malaya, Kuala Lumpur	-
90.	The Sixth National Symposium on Mathematical Sciences	Peserta	-	3-5 Mei 1994	Universiti Malaya, Kuala Lumpur	-
91.	Seminar Jabatan	Pembentang	On Solutions to Cubic Congruence Equations	10 Nov 1993	UPM	-
92.	International Workshops and Conference on Discrete Mathematics	Pembentang	On the Estimation of Exponential Sums	25-28 Okt. 1993	Chiangmai, Thailand	-

93.	Mathematics Colloquium	Pembentang	On the Cardinality of the set of Solutions to Congruence Equations	13 Ogos 1993	Universiti Kebangsaan Malaysia	-
94.	The Fifth National Symposium on Mathematical Sciences	Penulis Bersama	A Comparison of the Method of Mohd Atan and the Direct Method in Estimating Exponential Sums	20-22 Dis 1992	Universiti Teknologi Malaysia, Johor Bharu	Ismail Abdullah
95.	Franco-Seams Conference on Applied Mathematics	Penulis Bersama	Generating Computer Graphics of Newton Polyhedron Associated With Polynomials	22-24 Jun 1992	Bandung, Indonesia	Ismail Abdullah
96.	National Seminar on IRPA-funded Research Programs	Pembentang	Estimation of a Set of Solutions to Congruence Equations	16-19 Dis. 1991	Universiti Sains Malaysia	-
97.	The Fourth National Symposium on Mathematical Sciences	Pembentang	The Role of Mathematics in Nation Building	19-21 Nov. 1991	Universiti Sains Malaysia	-
98.	The Fourth National Symposium on Mathematical Sciences	Penulis Bersama	Generating Computer Graphics of Newton Polyhedrons and Indicator Diagrams of a Polynomial	19-21 Nov. 1991	Universiti Sains Malaysia	Ismail Abdullah
99.	Computational Algebra and Number Theory G.E. Wall Conference	Penulis Bersama	On the Estimation of Exponential Sums	5-7 Nov. 1991	Sydney, Australia	J. Loxton
100.	South East Asia Mathematics Conference	Pembentang	Newton Polyhedra and Solutions to Congruences	20-23 Jun 1989	Universitas Gadj Mada Indonesia	-
101.	The Third National Symposium on Mathematical Sciences	Pembentang Ucaptama (Key Note Speaker)	Towards Increased Cooperation in Mathematics Education	22-24 Ogos 1988	UPM	-
102.	The Third National Symposium on Mathematical Sciences	Pembentang	A Method in the Determination of the Cardinality of a set of Solutions to a System of Congruence Equations	22-24 Ogos 1988	UPM	-
103.	Seminar Jabatan	Pembentang	On the Newton Polygons	22 Julai 1987	UPM	-
104.	Inter-University Seminar on Numerical Analysis	Peserta dan Pengerusi Sesi	-	20 April 1987	UPM	-

105.	Seminar on Computer Education	Pengerusi Sesi bengkel	-	1-3 Ogos 1986	UPM	-
106.	One Day Seminar on Number Theory	Pembentang	The Newton Polyhedral Method	3 April 1986	Universiti Malaya	-
107.	Seminar On Exploration of Exponential Sums	Pembentang	On the Exponential Sums	19 Feb. 1986	Universiti Malaya	-
108.	Seminar on Random Numbers	Peserta	-	14 Feb 1986	Universiti Kebangsaan Malaysia	-
109.	Seminar Jabatan	Pembentang	p-adic Estimation of Roots of Polynomials	11 Dis 1985	UPM	-
110.	Seminar Jabatan	Pembentang	Newton Polygon and Its Application	7 Ogos 1985	UPM	-
111.	Third Australasian Mathematics Convention	Penulis Bersama	Newton Polyhedra and Estimation of Exponential Sums	13-17 Mei 1985	University of New South Wales, Sydney Australia	J. Loxton
112.	Number Theory Seminar	Pembentang	On Koblitz's Newton Polygon	8 Mac 1984	University of New South Wales, Sydney Australia	-
113.	Seminar on Number Theory	Pembentang	On Riemann-Zeta Function	22 Nov 1983	University of New South Wales Sydney Australia	-
114.	Mahler's 80 <sup>th</sup> Birthday Seminar	Peserta	-	22 Feb 1983	Australian National University	-