Curriculum Vitae

1. Name: Mohd Zamri Murah

2. Date of Birth: 27 Febuary 1965

3. I.C: 650227-03-5131

4. Address: Jabatan Sains Dan Pengurusan Sistem
                (Department of System and Management Science)
                Fakulti Teknologi dan Sains Maklumat
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5. Kursus Penilaian Tahap Kecekapan. PTK 3 (tahap IV).
6. Field of specialization: Data Mining, Statistical Machine Learning & Web services

7. Academic qualification: BSc(Iowa), Msc(Iowa)

8. Position: Lecturer
                Fakulti Teknologi Sains Maklumat
                Universiti Kebangsaan Malaysia
                43600 Bangi
                Selangor

                Researcher
                Center for Artificial Intelligent Technology (CAIT)
                Universiti Kebangsaan Malaysia
                43600 Bangi
                Selangor

9. Professional experiences:
   a) Mei 1991 – sekarang   Pensyarah, Jabatan Sains dan Pengurusan Sistem
                                 Fakulti Teknologi Sains Maklumat
                                 Univesiti Kebangsaan Malaysia
   b) Julai 2005 – Julai 2007   Penyelaras E-Pembelajaran (peringkat Universiti)
                                 Pusat Teknologi Maklumat

Universiti Kebangsaan Malaysia

c)   1997-1999   Penyelaras

Program Sarjana Muda Teknologi Maklumat

Kerjasama Kolej MARA-FTSM

10. Numbers of postgraduate students supervised:

a)   Master:

1. Graduated: 3

1.   Basmi Ibrahim, *Sistem maklumat sekolah rendah*. 1998
2.   Thulasidha Nalla Kavadan, *Sistem maklumat klinik swasta*. 1998.
3.   Nik Rusilawati Nik Mustafa, *Pola pencarian maklumat di Internet*. 1998.

2. On-going: 1

1.   Youhendrie, *Pembangunan enjin transliterasi berasaskan web untuk rumi-jawi berasaskan protokol XML-RPC*.

3. Internal examiner: 3

1.   Valluvan Vello, *Rangka kerja pengauditan sistem teknologi maklumat di Kementerian Pelajaran Malaysia*. 2005.
2.   Nordaliza Rosli, *Sistem khidmat meja bantuan berasaskan web*. 2005.
3.   Kong Wei Keng, *Kajian kepuasan telekerja di kalangan pekerja*. 2007.

11. Achievements / Award

2004, Pingat Gangsa (Bronze medal), *Projek McMiner: Development of Knowledge Miner for Medical Records with NN Modelling*. Expo Science, Technology and Innovation 2004, Putra World Trade Centre, 27-29 Ogos 2004.

2004, Pingat Perak (Silver medal), *Development of Web-based medical data mining*. Expo Research and Innovation UKM, Universiti Kebangsaan Malaysia, 15-18 Julai 2004.

2004, Pingat Gangsa(Bronze Medal), *Pembangunan pelombong cergas menggunakan teori set kasar keatas data pemakanan*. Expo Research and Innovation, Universiti Kebangsaan Malaysia, Malaysia.

2003, Pingat Emas (Gold Medal), *Development of web-based knowledge miner for medical records*. International Information Technology Symposium (ITSIM 03), Kuala Lumpur, Malaysia.

2000, Anugerah Kreativiti Dan Innovasi, *Pembangunan sistem penulisan Jawi berasaskan TeX.*, Universiti Kebangsaan Malaysia, December 2000.

12. Specialization

   a) Information technology
   b) Data Mining
   c) Statistical computing
   d) Web development

13. Researches

   a) Development of Rumi-Jawi transliteration engine, ScienceFund 1/9/2007-31/12/2008. **Head of project**.

   b) Development of JAWIware, GUP, 1/10/2007-31/3/2010. **Researcher**.

   c) Development of a web-based knowledge miner for medical data, IRPA, 2003-2005. **Researcher**.

   d) Software Development And Maintenance Methodology: An End User Computing Approach, IRPA 04-02-02-0002, 1997-1999. **Reseacher**.

14. Pengajaran
   a) 2007-2008
      1. TS1913 – Teknologi Maklumat (2 set)
      2. TM1913 – Keusahawanan dan Teknologi Maklumat
      3. TS3453 – Persekitaran Klien-Pelayan
   b) 2006-2007
      1. TS1913 – Teknologi Maklumat (2 set)
      2. TS2003 – Sistem Maklumat Perakaunan
      3. TS3453 – Persekitaran Klien-Pelayan
   c) 2005-2006
      1. TS1913 - Teknologi Maklumat (2 set)
      2. TS2003 – Sistem Maklumat Perakaunan
      3. TC6413 – Penerokaan Pengetahuan dan Perlombongan Data
   d) 2004-2005
      1. TZ1023 – Pengaturcaraan untuk Sains Sosial
      2. TS6033 – Teknologi Maklumat dan persekitaran

    e) 2003-2004

       1. TM1913 – Teknologi Makumat dan persekitaran (2 set)

       2. TM1913 - Keusahawan dan Teknologi Maklumat

       3. TZ1023 – Pengaturcaraan untuk Sains Sosial

       4. TS6373 – Sistem maklumat kewangan dan kawalan

15. Penyeliaan (Sarjana Muda)

    a) 2006-2007

       1. *Perisian groupware berasaskan sumber terbuka*. Khatijah Wan Alias.

       2. *FatwaBase*: Sistem fatwa kebangsaan atas talian. Ummu Kalsom Latiff.

       3. *Penggunaan rangkaian neural dalam ramalan pasaran saham*. Eui Ting Hock.

       4. *Sistem pakar diagnosis sakit jantung berasaskan prolog*. New Chiu Yuet.

       5. *Sistem pengurusan aset untuk kilang pengeluaran plastik berasaskan web*.
          Tham Siew Yin.

    b) 2005-2006

       1. *Sistem tinjauan tahap kesihatan pelajar berasaskan web*. Emily Singan.

       2. *Sistem jualan e-komers atas talian*. Nurul Ayuni Mohamad Faisal.

       3. *Sistem tempahan restauran atas talian*. Cheng Chin Sian.

       4. *Sistem maklumat pesakit untuk PDA berasaskan wireles*. Wong Mung Ngai.

    c) 2004-2005

       1. *Sistem E-Dagang berasaskan web*. Zuhairah Zainal Abidin.

       2. *Sistem pemarkahan Sekolah Rendah berasaskan web*. Suhaini Saroni.

       3. *Sistem Lesen Kenderaan berasaskan web*. Mohd Saiful Nizam Mohd Yusoff.

    d) 2003-2004

       1. Sistem pengundian berasaskan web. Chia Ying Hoong.

16. Persidangan

    2007, *National Innovation Conference and Exhibition (NICE 07)*, Putra World Trade
    Center, Kuala Lumpur. 26-30 November. **Peserta**.

    2007, *International Conference on Mathematical Science*, Hotel Equatorial, Bangi,
    Selangor. 28-29 November 2007. **Pembentang**.

    2007, *International Conference on Life-Long Learning*, Universiti Kebangsaan Malaysia,
    25-26 November 2007. **Peserta**.

    2007, *Persidangan Aturcara Kebangsaan 2007*, Hotel Pan Pacific, KLIA, 5 December.
    Peserta.

2006, *International Conference on e-Learning*, Hotel Istana, Kuala Lumpur, Malaysia. 26-28 December 2006. **Pembentang**.

2003, *International Conference on Technology Symposium (ITSim 03),* Hotel Istana, Kuala Lumpur. 2003. **Peserta**.

2003, *International Conference on Computer Integrated System*. UNITEN. 20003. P**embentang**.

2003, *Second National Conference on Cognitive Science*. 2003. UNIMAS**, Pembentang**.

1999, International Conference on Information Technlogy and Multimedia, UNITEN. **Peserta**.

1997, Fourth Annual Conference of Asia Pacific Finance Association, PWTC, Kuala Lumpur.

1992, Kongress Cendikiawan Melayu, Institute Teknologi Mara.

1992, Seminar Kewangan Islam, Universiti Kebangsaan Malaysia.

17. Bengkel/Seminar
    a) 2008, *Bengkel Web Services*, 18-22 January, 2008. Fakulti Teknologi Sains Maklumat.
    b) 2007, *Seminar Hidden Markov*, 11-13 December 2007. Universiti Teknologi Malaysia, Jalan Semarak, Kuala Lumpur.
    c) 2007, *Seminar Particles Swarm Optimization*, Prof. Andreis Engelbrecht, November 22-23, 2007. Universiti Kebangsaan Malaysia.
    d) 2007, *Seminar Ant Colony Optimization*, Prof. Martin Middendorf, November 2007. Universiti Kebangsaan Malaysia.
    e) 2007, Seminar pemantapan Jabatan Sains dan Pengurusan Sistem, (Mantap 07). Hotel Shangri-La, Putrajaya.
    f) 2007, *Bengkel Computational Algebra*, Prof Robert Steinberg, October, Fakulti Teknologi Sains Maklumat, Uniersiti Kebangsaan Malaysia.
    g) 2007, *Bengkel Web 2.0*, Julai 2007. InfoTech, Petaling Jaya, Kuala Lumpur.
    h) 2006, Seminar pemantapan Jabatan Sains dan Pengurusan Sistem, (Mantap 06). Hotel Federal, Kuala Lumpur.
    i) 2006, *Bengkel Pembangunan perisian berasaskan sumber terbuka*. Pusat Teknologi Maklumat, UKM. **Pembentang**.
    j) 2005, *Seminar on Knowledge Management*, 2005, Hotel Marriot, PutraJaya.

k) 2005, Seminar pemantapan Jabatan Sains dan Pengurusan Sistem, (Mantap 05). Kuantan, Pahang.

l) 2004, *Seminar Learning with kernel*, Prof. Alex Smola, Julai 2004. Bintang Royale, Kuala Lumpur.

m) 2004, *Data Mining Using Decision Tree*, Prof. Dan Steinberg, 2004. Rating Agency of Malaysia, Kuala Lumpur.

n) 2004, *The 6th. CO-EXIST-SEA WORKSHOP*, Kementerian Sains, Teknologi dan Inovasi, Malaysia (MOSTI), 2004. Kuala Lumpur.

o) 2004, *Modelling with UML using Rational Rose*, 2004. Universiti Teknologi Malaysia (UNITEM).

p) 2004, *Websphere development*, 2004. Universiti Teknologi Malaysia (UNITEM).

q) 2004, Asean Communication and Multimedia Expo and Forum. MIECC, Kuala Lumpur.

r) 2004, Annual education and research conference. PWTC, Kuala Lumpur.

s) 2004, Seminar pemantapan Jabatan Sains dan Pengurusan Sistem, (Mantap 04). Pulau Pinang.

18. Penerbitan

a) Buku/Pengarang

1. *Proseding Seminar Kebangsaan e-Pembelajaran*, Disember 2006. Siti Rahayah Ariffin, Norazah Mohd. Nordin, Andul Ghafur Ahmad, Mohamed Amin Embi, **Mohd Zamri Murah**. Penerbit UKM. 2006.

b) Bab dalam buku

1. **Mohd Zamri Murah**. *Satu tinjauan pelaksanaan dan penggunaan e-Pembelajaran di Universiti Kebangsaan Malaysia.* Pegagogi dan pembangunan e-Pembelajaran di Institusi Pengajian Tinggi. Penyunting: Siri Rahayah Ariffin, Norazah Mohd. Nordin. Pusat Pembangunan Akademik, Universiti Kebangsaan Malaysia. 2007.

c) Buku

1. **Mohd Zamri Murah**, Abdul Razak Hamdan, Mohd Shanuddin Zakaria, Yazrina Yahya, 2002. *Pengenalan Teknologi Maklumat*, McGraw-Hill.

2. **Mohd Zamri Murah**, Abdul Razak Hamdan, Mohd Shanuddin Zakaria, Yazrina Yahya, Mohamad Faidzul Nasruddin, Mohd Zakree Ahmad Nazri, 2004. *Teknologi Maklumat*, Edisi ke-2, McGraw-Hill.

d) Jurnal tempatan

1. **Mohd Zamri Murah**. *Prototaip Sistem Rumi-Jawi berasaskan komponen*. Jurnal Dewan Bahasa. Dewan Bahasa Dan Pustaka. Mei. 2000.

2. **Mohd Zamri Murah**. *Prototaip Istilah Dalam Talian*. Jurnal Dewan Bahasa. Dewan Bahasa Dan Pustaka. September. 2000.

3. **Mohd Zamri Murah**. *Jawi dan UTF-8*. Jurnal Dewan Bahasa. Dewan Bahasa Dan Pustaka. September. 2002.

e) Persidangan kebangsaan

1. Mohd Amzari Aziz, Siti Norul Huda Syeikh Abdullah, Azuraliza Abu Bakar, Abdul Razak Hamdan, Maryati Yusof, Khairuddin Omar, Shahrul Azman Mohd Noh, **Mohd Zamri Murah**, Noor Lailani Nawawi. *Data Mining Task And Techniques*. Seminar Sistem pengesanan tahap kualiti minyak dan perlombongan data. September 2003.

2. Mohd Zamri Murah. *Data Mining: From Data to Decision*. Seminar Siswazah FTSM. 2002.

3. Aziz Deraman, Abdul Razak Hamdan, Abdullah Mohd Zin, **Mohd Zamri Murah**, Kasmiran Jumari, Abdul Rashid Abdul Rahim. *Software Development and Maintenance Methodology: An User Computing Approach*. 1999. Seminar IRPA, IRPA 04-02-02-0002.

4. Aziz Deraman, Abdul Razak Hamdan, Abdullah Mohd Zin, **Mohd Zamri Murah**, Kasmiran Jumari, Abdul Rashid Abdul Rahim. Piawaian *perancangan strategik teknologi maklumat.* Seminar IRPA , IRPA 04-02-02-0002.

5. **Mohd Zamri Murah**. *Takaful Insurance*. Seminar Institut Statistik Malaysia. 1995. Universiti Utara Malaysia.

6. **Mohd Zamri Murah**. *Actuarial Risk Model*. Seminar Institut Statistik Malaysia. 1993. Universiti Utara Malaysia.

f) Persidangan antarabangsa

1. **Mohd Zamri Murah**, Mohamad Faidzul Nasrudin, Khairuddin Omar. Medical data mining with R. Madinah Knowledge Conference. 25-27 March 2008. (accepted)

2. Mohamad Faidzul Nasrudin, Khairuddin Omar, **Mohd Zamri Murah**. *Development of JAWIware*. International Conference on Mathematical Science. December 2007. Hotel Equatorial, Bangi, Selangor, Malaysia.

3. **Mohd Zamri Murah**, Suzilawati Ismail, Shanudin Zakaria, Othman Abdul Karim. *Tinjauan pelaksanan e-pembelajaran di Universiti Kebangsaan Malaysia*. International Conference on e-Learning, December 2006. Hotel Vistana, Kuala Lumpur.

4. Siti Norul Huda Sheikh Abdullah, Abdul Razak Hamdan, Maryati Yusof, Khairuddin Omar, Shahrul Azman Mohd Noah, **Mohd Zamri Murah**, Balwant Singh Gendeh, Abdullah Sani Muhammed, Mohammad Amzari Aziz, Nuranisak Amerudin, Nurlailani, Nurazlin Sarun. *An approach to mining nutrition database using rough sets.* Proceedings of Advanced Technology Congress 2003, International Conference on Computer Integrated System. 20-21 Mei 2003, Hotel Marriot, PutraJaya.

5. Siti Norul Huda Sheikh Abdullah, Abdul Razak Hamdan, Maryati Yusof, Khairuddin Omar, Shahrul Azman Mohd Noah, **Mohd Zamri Murah**, Balwant Singh Gendeh, Abdullah Sani Muhammed, Mohammad Amzari Aziz, Nuranisak Amerudin, Nurlailani, Nurazlin Sarun. *Malaysian Case: Preliminary study in mining retrospective and prospective medical data*. Proceedings of Advanced Technology Congress 2003, International Conference on Computer Integrated System. 20-21 Mei 2003, Hotel Marriot, PutraJaya.

6. Abdul Razak Hamdan, Siti Norul Huda Abdullah, Mohamad Amzari, Abdullah Sani, Balwant Singh Gendeh, **Mohd Zamri Murah**, Khairuddin Omar, Shahrul Azman Mohd Noh. *Data Mining Tasks and Techniques*. Kebangsaan International Information Technology Symposium (ITSim 03), Kuala Lumpur. 2003.

7. Siti Norul Huda Abdullah, Abdul Razak Hamdan, Khairuddin Omar, **Mohd Zamri Murah**, etc. *Teknik Perlombongan Pengetahuan Dalam Data Perubatan*. Second National Conference on Cognitive Science. 2003.

g) Manuskrip/mimeograf

1. Aziz Deraman, Abdul Razak Hamdan, Abdullah Mohd Zin, **Mohd Zamri Murah**, Kasmiran Jumari, Abdul Rashid Abdul Rahim. *Software Development and Maintenance Methodology: An User Computing Approach*. 1999. IRPA 04-02-02-0002.

2. Aziz Deraman, Abdul Razak Hamdan, Abdullah Mohd Zin, **Mohd Zamri Murah**, Kasmiran Jumari, Abdul Rashid Abdul Rahim. Piawaian *perancangan strategik teknologi maklumat*. IRPA 04-02-02-0002.

3. **Mohd Zamri Murah**, *Pengurusan Maklumat Internet*. Pusat Teknologi Maklumat, Universiti Kebangsaan Malaysia. Nota kursus 1993-1999.

4. **Mohd Zamri Murah**, *Sistem Pengoperasian Unix*. 200 mukasurat. 1994-1997. Nota kuliah.

h) Laporan Teknik

1. Mohd Zamri Murah. Pembangunan dan penyelenggaraan perisian jawi berasaskan TeX. Laporan teknik FTSM. 1999.

2. Rekabentuk prototaip rumi-jawi. Laporan teknik FTSM. 1999.

3. Typesetting jawi using TeX. Laporan teknik. 1999.

19. Kursus yang diikuti

a) Penilaian Tahap kecekapan PTK 3. Universiti Kebangsaan Malaysia, 2004.

b) Kursus Kaedah Pengurusan. Selesa Hill Country Homes, Selangor, 1995.

c) Kursus pemikiran kreatif. Port Dickson, Seremban, 1996.

d) Kursus kaedah pengajaran dan pembelajaran. Bagan Lalang, Selangor, 1991.

20. Invention/Software Development

a) Development of jawi-malay transliteration engine. (in progress) 2007.

b) Development of UNICODE-based jawi words list. (in progress) 2007.

c) Development of jawi keyboard layout for jawi input for Window operating system. 2007.

d) Development of a prototype Learning Content Management System (LCMS) based on opensource softwares (dotLRN, moodle, dokeos). 2002-2006.

e) Development of a prototype web-based system for English-Malay information technology terminologies. 2000.

f) Development of a prototype e-mail achives for FTSM. 2001.

g) Development of a prototype to produce Unicode-based jawi document based on TeX document typesetting system. 2001.

h) Development of jawi document processor based on TeX. 2000.

21. Pentadbiran/Jawatankuasa

a) Penyelaras e-learning peringkat universiti, Pusat Teknologi Maklumat, UKM. 2005-2007.

b) Ahli, jawatankuasa abstrak, Seminar e-pembelajaran peringkat kebangsaan, 2006.

c) Pengerusi, Seminar pemantapan jabatan sains dan pengurusan sistem (mantap 05).

d) Ahli, jawatankuasa rangkaian dan keselamatan universiti, UKM. 1995-1999.

e) Ahli, Jawatanankuala perpustakaan peringkat universiti, UKM. 1995-1999.

f) Penyelaras program sarjana muda UKM-Unitar, 1998-1999.

g) Penyelaras program sarjana muda UKM-ITM, 1995-1997.

h) Penyelaras program perakaunan Kolej Negeri, Negeri Sembilan, 1997-1998.

i) Penyelaras program teknologi maklumat, UKM-Kolej Yayasan MARA, 1997-1998.

j) Penyelaras program teknologi maklumat, UKM-Cosmopoint, 1996-1997.

22. Keanggotaan badan iktisas

a) Ahli, Association of Computing Machinery. (ACM) 1999-2003.

b) Ahli, Institute of Electrical Engineers. (IEEE) 1999-2003.

c) Persatuan Statistik Malaysia. 1991-1995.

d) Actuarial Society of Malaysia. 1991-kini.

e) Persatuan Matematik Malaysia. 1991-kini.