

Curriculum Vitae

- **Full Name** : RATHIAH BINTI HASHIM
- **Date of Birth** : SEPT 21, 1963
- **Nationality** : MALAYSIAN
- **Place of Birth**: JOHOR



- **CONTACT ADDRESS**

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- **QUALIFICATIONS**

P.hd (Computer Science - Visualisation & Psychology), M.SC. (COMPUTER
SCIENCE)

- **POSITION**

SENIOR LECTURER

- **MANAGEMENT EXPERIENCE**

- Ahli *SPOC* (Single Person of Contact) Infosys dilantik oleh KPT, semenjak 2008 - sekarang.
- *Wakil Tetap* Imagine Cup dilantik oleh KPT, semenjak 2008 - sekarang.
- Penyelaras Latihan & Hubungan Industri FTMM, 2008 - 2009
- Ketua Unit Kecemerlangan di bawah Pusat Pemindahan Teknologi (TTC), 2003.
- Penyelaras Kemahiran, Fakulti Teknologi KEjuruteraan, 2001- 2004.
- Juruaudit Dalaman Koperasi KUiTTTHO Berhad, 2003.
- Ketua Makmal Teknologi Maklumat 3, Jabatan Teknologi Maklumat & Multimedia, 2002 – 2004.

• PROFESSIONAL ACTIVITIES / RECOGNITION

- Invited Speaker by Graduate Office (Title: “Ups and Down of Graduate Studies”, UTHM,
- Editor for PPI’s Technical Buletin (2010)
- Trainer for LaTeX (Dis 2008), FTMM.
- Member of SIGGRAPH (2006)
- Paper Reviewer for SIGCHI (CHI 2010: ACM Conference on Human Factors in Computing Systems)
- Committee member of ISOC: Swansea University Islamic Society (Year 2006 and 2007)
- Invited Participant for counter-terrorism table-top exercise (Operation Nicole Cymru 2008), Wales, UK
- Quoted in an article in Golden Gate University magazine, 1997.

• TEACHING EXPERIENCE

i. **Topics taught**

- Data Structure & Algorithm (Sem 2 09/10, Sem 2 08/09).
- Software Engineering (Sem 1 09/10, Sem 1 08/09).
- Introduction to Multimedia (Sem 1 08/09).
- C Programming (2004).
- Operating System (2003).
- Computer Architecture (2003).
- Industrial Training (Supervisor for 5 students, sem 2 08/09; 2 students, sem 1 09/10).
- Projek Sarjana Muda

No.	Name	Title	Duration
1.	Noor Hazwani Bt Mohamad Noor	World Atlas 3D Game	Sesi 09/10
2.	Norimah Binti Md Nordin	Sistem Penilaian Latihan Industri Fakulti Teknologi Maklumat & Multimedia	Sesi 09/10
3.	Mohd Afizan Bin Modin	Sistem Penempatan Latihan Industri FTMM	Sesi 09/10
4.	Azwan Azri Bin Akashah John	Sistem Kehadiran Secara Dalam Talian Menggunakan Peringatan Short Message (SMS)	Sesi 09/10
5.	Muhamad Asri Azhari Bin Basry	Sistem Tuntutan Elaun Perjalanan Dalam Negeri UTHM	Sesi 09/10
6.	Nurul Hidayah Binti Mansor	Portal Saudara Baru Islam	Sesi 09/10

ii. **Supervisor & Co-supervisor for MSc and PhD**

- Saidatina Fatimah binti Ismail (Supervisor – MSc), mulai Julai 2009
- Zainura Idrus (Co-supervisor – PhD, UiTM), mulai 2010.

- **RESEARCH ACTIVITIES**

- i. **Research Completed (*Name & Amount of Grant*)**

- Empirical Study on Visualization of Motion in Videos (PhD research) – 2004 to 2008
- Industrial needs of ICT skills for IT students (Short-term Grant, UTHM) – 2003 (Short Grant, RM10,000)
- E: Curriculum: Enabling the management of curriculum digitally (Short-term Grant, UTHM) – 2003 (Short Grant, RM10,000)

- ii. **On Going (*Name & Amount of Grant*)**

- A New Technique for Detecting Learning and Coordination Disabilities among People with Dyslexia Through the Use of Digital Games – Mac 2010 to Feb 2012 (FRGS, RM 52,600.00)
- A New Technique for Particulate Flow in Die Filling – Mac 2010 to Feb 2012
- HCI Model for Collaborative System Design–July 2009 to Aug 2011 (Postgraduate Incentive Research Grant, RM 38,400.00)
- Jamat time Activation System - Jan 2009 to June 2010 ((Short-term Grant, RM10,000.00).

- **PUBLICATIONS**

- **Journals/Transactions**

1. M. Chen, R. Botchen, R. R. Hashim, D. Weiskopf, T. Ertl and I. Thornton, “Visual Signatures in Video Visualization”, IEEE Transactions on Visualization and Computer Graphics, 12(5):1093-1100, 2006.

- **Books**

1. Rathiah Hashim, Hussain Othman, Berhannudin Mohd Salleh, Abdul Talib Bon, Abdullah Sulaiman, Akbal Abdullah, Shariman Mustafa, ,

Mohd Yusof Ab Hadi & Noryani Neni Ahmad Jamain (2003). "Kenali Kami". Penerbit Kolej Universiti Teknologi Tun Hussein Onn, 1-112.

2. **Editor:** Baharuddin Mohamed et al., "A Book on C", McGraw Hill, Kuala Lumpur, 2002.

3. **Thesis PhD:** R. Hashim, "Empirical Studies on Visualisation of Motion in Videos" in *Department of Computer Science*. PhD, University of Wales Swansea, 2007.

4. **Thesis Master:** R. Hashim, " *Knowledge Modeling For Precalculus Using Semantic Nets* " in *Universiti Teknologi Malaysia*, 2000.

- **Proceedings and Conferences:**

1. Zainura. Idrus, Siti Z. Z. Abidin, Rathiah Hashim, N. Omar, "Awareness in Networked Collaborative Environment: A Comparative Study on the Usage of Digital Elements", Proceeding of the 4th WSEAS International Conference on Management, marketing and Finances (MMF'10), Penang.

2. R. Hashim and Siti Z. Z. Abidin, "User Interface Development for a Computer Based User Study: The Universal Model Approach", *IEEE Symposium on FINA 2010*, Perth, Australia.

3. S.F. Ismail, R. Hashim and Siti Z. Z. Abidin, "COLLABORATIVE BRIDGE GAME: A Comparative Study on User Interface Design", *IEEE International Conference on Knowledge Management and Data Retrieval CAMP'10*, Shah Alam, 2010.

4. Rathiah Hashim, "Knowledge Modeling For Precalculus Using Semantic Nets", Proceeding Conference of National Conference on Telecommunication Technology (NCTT 2000), Johor Bahru, 2000.