



CURRICULUM VITAE



Siti Mariam Shafie @ Musa

Department Of Computer and Communication Systems
Engineering
Faculty of engineering
Universiti Putra Malaysia

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Education

- | | |
|-------------|--|
| 1999 - 2003 | M.Sc. in Computer Engineering
Universiti Putra Malaysia
Thesis:
<i>Web Based Remote Monitoring and Controlling System
Using Embedded Web Server</i> |
| 1995 - 99 | B.Eng. in Electronic/Computer Engineering
Universiti Putra Malaysia
Undergraduate Project:
<i>Keyless Entry</i> |
| 1994 - 95 | Certificate in Physics Science Matriculations
Universiti Putra Malaysia |



Work Experience

July 2003 - present	Lecturer at Dept. of Computer & Communication Systems Engineering, Universiti Putra Malaysia.
2000 ó July 2003	Tutor at Dept. of Computer System & Communication Engineering, Universiti Putra Malaysia.
Oct. 99 ó Dec. 99	Reaserch Asistant (RA) Dr. Samsul Bahari Mohd Noor, Dept. of Electrical/Electronics Engineering, Universiti Putra Malaysia.
97/98	Practical Trainee at CELCOM

Teaching

2011 - present	<ul style="list-style-type: none">• Multimedia Systems (ECC3402)• Internet Computing (ECC4204)• Digital Logic (ECC3103)
2005	<ul style="list-style-type: none">• Computer Programming and Application (KKK3005), Second Semester 2005/2006• Internet Programming (KKK3505), Second Semester 2005/2006• Computer Programming and Application (KKK3005), First Semester 2005/2006• Computer Programming (KKK3015), First Semester 2005/2006
2004	<ul style="list-style-type: none">• Electronic Devices and Circuit (KKK3201), Second Semester 2004/2005 ó 3.5• Internet Programming (KKK3505), Second Semester 2004/2005 ó 4.23• Computer Architecture (KKK3404), First Semester, 2004/2005 ó 4.24• Computer Programming and Application (KKK3005), First Semester 2004/2005 ó 3.68
2003	<ul style="list-style-type: none">• Internet Programming (KKK3505), November Semester 2003/2004 ó 4.37• Computer Programming and Application (KKK3005), November Semester 2003/2004 ó 4.35• Computer Programming and Application (KKK3005), May



Semester 2003/2004, November Semester 2003/2004 ó 4.14

- Moderator: FYP A (KKK3919), May Semester 2003/2004
- Moderator: Operating System (KKK3517), May Semester 2003/2004
- Moderator: Pengkomputeran Internet (KKK 1702), November Semester 2003/2004

2002

- Computer Programming and Application (KKK3005), November Semester 2002/2003
- Tutor for Computer Programming (KKK3015), May Semester 2002/2003

Administration work

2012 - present

- Committee member of preparation for department's Self Assessment Report

2006

- Committee member of curriculum review program Computer and Communication systems Engineering
- Website coordinator
- Curriculum Meeting, Royal Adelphi, Seremban, 24-26 Mac 2006

2005

- Committee member of EAC document preparation
- Website and E-mail coordinator for Dept. of Computer and Communication systems Engineering, UPM
- Workshop on Preparation of Integrated Schedule

2004

- Lantikan Penyelia Latihan Mengajar dan Praktikum Kauseling Semester Kedua 2004/2005
- Workshop on Preparation of Integrated Schedule
- Committee member of EAC document preparation
- Committee member of curriculum review program Computer and Communication systems Engineering
- Internal auditor 2/2004, 16-18 August 2004
- Visit to student's Industrial Training Places, April 2004
- Website and E-mail coordinator for Dept. of Computer and Communication systems Engineering, UPM
- Alumni coordinator for Dept. of Computer and Communication systems Engineering, UPM

2003

- Committee member of Hari Keluarga Cergas Jabatan KKK, 23 June 2003
- Prepare Half ó Year Report 2003, 10 November 2003
- Prepare report for MSC-Status Reassessment Form, 1 Ogos 2003



- Prepare Power point presentation for Accreditation, 2 July 2003
- Committee member for Invention and Competition in Information and Communications Technology (ICICT), January 2003
- Involved in Bengkel Penyediaan Jadual Bersepadu, 9 January 2003
- Involved in developing Statistic of Examination Result for May Semester, 2002/2003

2000

- Syllabus preparation for semester Mei 2000/2001

Research

Specific area of interest

Pattern recognition, machine learning and embedded system.

Computer Skill

C, C++, MATLAB, Scilab, HTML, Javascript, PHP, MySQL

Publications

- 2011
 - Shafie, S.M. and Petrou, M , "Classifying data considering pairs of patients in a relational space", Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 6753 LNCS (PART 1) , pp. 132-140
- 2010
 - Razalli, M.S, Mahdi, M.A., Ismail, A., Shafie, S.M., Adam, H, "Design and development of wireless communication transceiver to support RFID reader at UHF band", Journal of Electromagnetic Waves and Applications 24 (14-15) , pp. 2063-2075
- 2000
 - **S M Shafie**, A. R. Ramli and S.B. Mohd Noor "Small Web Server for Remote Monitoring", Proceedings Engineering



Research Conference and Exhibition, Universiti Putra Malaysia, pp. 58-61. 2nd ó 3rd October 2000.

Program Training / Course / Seminar/Workshop

- 2012
 - Android Programming Workshop, Langkawi.
- 2012
 - Android Workshop, iTrain, Jalan Tun Razak
- 2005
 - Genesys 2004 ó RF and Microwave Simulation Tool, by Eagleware, Unit IT, Faculty of Engineering, UPM, 19 January 2005
 - Teaching and Practical Training Briefing at Faculty of Education, UPM, 26 January 2005
 - Route to Professional Engineer, IOI Palm Garden, Putrajaya, 11 ó 13 April 2005-06-21
 - Artificial Intelligence and Image Processing Using MATLAB, UNITEN, Bangi, 5 May 2005
 - Outcome Based Education Workshop, Equatorial Hotel, Bangi Selangor, 24-26 May 2005
 - Ceramah Islam Hadari, DECTAR, UKM, Bangi, 14 June 2005
 - Continual and Improvement Trough the Outcome Based Approach, Mines Beach Resort & Spa, 28 ó 29 June 2005
- 2004
 - NIDays 2003-2004, Palace of The Golden Horses, 15 January 2004
 - Kursus Induksi Kumpulan Pengurusan dan Profesional, 23 March ó 10 April, 2004, Faculty of Engineering, UPM
 - Curriculum Review Retreat, Cyberview Lodge Hotel, 15th ó 16th June, 2004



- Curriculum Review Retreat, Department of Computer and Communication Systems Engineering, - Palm Garden Hotel, 21st ó 22nd July, 2004
- Bengkel Pengenalan Penyelidikan, Research Management Center, UPM, - Palm Garden Hotel, 27th July 2004
- Curriculum Review Retreat, Royal Adelphi, Seremban, 12 ó 14 October 2004
- Wireless LAN Connectivity, 10 August 2004, Faculty of Engineering, UPM
- Network Solutions: The LAN Expert, 11 ó 12 August 2004, Faculty of Engineering, UPM
- Internal Audit Course Series II, 2 ó 3 Ogos 2004, Faculty of Engineering, UPM

2003

- NIDays 2003 - 04 Malaysia, 15 January 2004, Palace Of The Golden Horses, Royal I, Level 1, Jalan Kuda Emas, The Mines Resort City
- Departmentsø Direction Colloquium, Bayu Beach Resort, Port Dicson, 21st ó 23rd, January, 2003
- Kursus Pencarian Maklumat by Perpustakaan UPM, Makmal Komputer Unit IT, May 2003
- The eXecutable Internet - Are You Ready Forum, 16th October 2003, Cyberview Lodge Resort
- Fast Track To Dsp/Fpga Design And Implementation Seminar, 23 September 2003, Pan Pacific Glenmarie
- Training on DSP (Quartus II software), 27 August 2003, Technology Park Malaysia
- Course on Wireless HUBER & SUHNER
- Course on Membrane Computing From Cells to Computers, 26 & 27 Feb 2003, Novotel Century Hotel, Kuala Lumpur

2002

- Training on Microcontroller 8086



- A Two-Day Research Tools Workshop Using Matlab And Simulink, 30-31 Oktober 2002, Uniten, Jln Kajang Puchong.
- Seminar Hak Cipta Intelektual, 2 Ogos 2002, Hotel Equatorial Bangi
- Front-End Vision and Multiscale Image Analysis: Theory & application (Series of Lectures), 19 ó 23 August 2002, Multimedia University (MMU)
- Traffic Modelling for Computer Network Applications, Dr. Nasser-Eddine Rikli, 30th July ó 1st Aug 2002
- Image Analysis & Digital Microscopy Seminar by Carl Zeiss South Asia, 16 ó 17 July 2002, UPM
- Research Colloquium, 25 ó 27 January 2002, Bayu Beach Resort, PD.
- The Measurement Network-NIDays 2001/2002 Seminar, 8 January 2002, IDEAL UPM

Co-Curriculum

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|------|---|
| 2012 | <ul style="list-style-type: none"> • University representative for Intervarsity Sports in Ping Pong UUM • |
| 2005 | <ul style="list-style-type: none"> • Bowling Inter Faculty |
| 2004 | <ul style="list-style-type: none"> • University representative for Intervarsity Sports in Volleyball, 2004, UKM • Netball team manager for Staff Sports Day Interdepartment, Faculty of Engineering, UPM • Volleyball team manager for Undergraduate Sports Carnival InterFaculty, 3-4 January 2004 • |
| 2003 | <ul style="list-style-type: none"> • University representative for Intervarsity Sports in Volleyball, 2003, UNIMAS • Program Jalinan Kasih anjuran PERMATA, 2003 |



2002

- University representative for Intervarsity Sports in Volleyball, 12-18 June 2002, UIA
- Faculty representative in Volleyball and Tennis, 2002.
- Faculty representative in Bowling Tournament, 2002.