



## **CURRICULUM VITAE**



**PROF DR. AIDA SURAYA HAJI MD. YUNUS**  
Department of Science and Technical Education,  
Faculty of Educational Studies,  
Universiti Putra Malaysia,  
43400 UPM Serdang, Selangor  
T: 03-8946 8195 / 6175  
F: 03-8946 8962  
E: [aida@upm.edu.my](mailto:aida@upm.edu.my)

## CURRICULUM VITAE

<b>A. MAKLUMAT UMUM (GENERAL INFORMATION)</b>	
<b>Nama (Name):</b>	Aida Suraya Md. Yunus
<b>Gelaran ( Title)</b>	Professor
<b>Jawatan (Position)</b>	Professor / Director of Centre for Academic Development (CADe) UPM
<b>Kelayakan (Qualification)</b>	B.Sc. (Ohio State), M.Sc. (West Virginia), Ph.D. (Malaya)
<b>Jabatan (Department)</b>	Pendidikan Sains & Teknikal (Science and Technical Education)
<b>Bidang Kepekaran (Area of Specialisation)</b>	Pendidikan Matematik (Mathematics Education)
<b>Email</b>	aida@upm.edu.my
<b>Phone:</b>	03-89468195 / 6175
<b>Homepage:</b>	

<b>B. KEPAKARAN</b>
<p>Professor Dr. Aida Suraya Md. Yunus mendapat pendidikan peringkat menengah di Maktab Rendah Sains MARA, Seremban. Beliau memegang ijazah Bacelor dalam Matematik dari Ohio University, Athens, ijazah Masters dalam bidang Matematik dari West Virginia University dan doktor falsafah dalam bidang Pendidikan Matematik dari Universiti Malaya. Beliau dilantik sebagai pensyarah di Universiti Putra Malaysia pada tahun 1984 dan telah dinaikkan pangkat ke jawatan Professor Madya pada tahun 2001. Beliau terlibat dengan aktiviti penyelidikan dan perundingan dalam bidang pendidikan matematik pada peringkat nasional dan antarabangsa. Beliau merupakan penyelidik bersekutu di Intitut Penyelidikan Matematik (INSPEM) dan felo di Institut Penyelidikan Pendidikan Tinggi Negara (IPPTN). Beliau dilantik sebagai Ketua, Jabatan Pendidikan Sains dan Teknikal, Fakulti Pengajian Pendidikan pada Jun 2006 - Jan 2009, Timbalan Pengarah (Polisi dan Kualiti), Pusat Pembangunan Akademik (CADe) UPM pada Feb 2009 dan Pengarah, Pusat Pembangunan Akademik (CADe) dari Mac 2009 sehingga sekarang.</p> <p>Professor Dr. Aida Suraya Md. Yunus completed her high school at MARA Junior Science College, Seremban. She holds a Bachelor's degree in Mathematics from Ohio University, Masters degree in Mathematics from West Virginia University and doctoral degree in Mathematics Education from the University of Malaya. She was appointed as a lecturer with University Putra Malaysia in 1984 and was promoted to Associate Professor in 2001. She has been involved in research and consultancy works, both nationally and internationally in the area of mathematics education. She is an associate researcher at the Institute of Mathematical Research (INSPEM) and the National Higher Education Research Institute. She was appointed as Head, Department of Science and Technical Education, Faculty of Educational Studies in June 2006 - Jan 2009, Deputy Director (Policy and Quality), Center for Academic Development (CADe) UPM in Feb 2009 and Director, Center for Academic Development (CADe) from March 2009 until present.</p>

<b>C. BIDANG PENYELIDIKAN (RESEARCH AREA)</b>
<p>Aida Suraya Md. Yunus, Ramlah Hamzah, Rosini Abu, Habsah Ismail, &amp; Wan Zah Wan Ali. Inter-Connectedness of the Intended, Textbook, Assessed, Implemented, and Learned Curriculum for Mathematics, Agriculture and Home Economics Subjects in the Malaysian Integrated Curriculum for Secondary School (KBSM). RUGS, RM30, 000. 2008 - 2010.</p> <p>Nornina Dahlan, Morshidi Sirat, Zainal Ariffin Ahmad, Ibrahim Che Omar, Ambigapathy Pandian, Ahmad Nurulazam Md. Zain, Aida Suraya Md. Yunus, Rosni Bakar, Shukran Abdul Rahman, Koo Yew Lie, Norzaini Azman, Abdul Razak Ahmad, Munir Shuib. A Study On The Academic Promotion Process In Malaysian Public Universities. Ministry of Higher Education, RM100, 000. 2007 -2009.</p> <p>Rohani Ahmad Tarmizi, Aida Suraya Md. Yunus, Kamariah Abu Bakar &amp; Ahmad Fauzi Mohd. Ayub. Comparison of Instructional Efficiency of Dynamic Softwares On Mathematics Learning At The Secondary Level. Sciencefund. RM 156,120.00, 2007 - 2009.</p> <p>Aida Suraya Md. Yunus &amp; Wan Zah Wan Ali. Metacognitive Aspects of Mathematical Problem Solving. 2007 - 2008. Fundamental Grant UPM. RM30, 000.</p> <p>Morshidi Sirat, Aida Suraya Md. Yunus et al. Changing State: Higher Education Institutions Relationship: A Malaysian Context. January 2008 - 2009. Ministry of Higher Education &amp; Institut Penyelidikan Pendidikan Tinggi Negara.</p> <p>Morshidi Sirat, Aida Suraya Md. Yunus et al. CAP - Changing Academic Profession: An International Project. National</p>

Higher Education Research Institute (IPPTN) Grant, RM250, 000. 2007 - 2008.  
Mokhtar Nawawi, Aida Suraya Md. Yunus, Ahmad Fauzi, Wan Zah Wan Ali, Rohani Ahmad Tarmizi. Enhancing Mathematics Learning for Lower Secondary School Students Using Multimedia Coursewares. RM 146,000. IRPA-EAR 2004 - 2007.

#### **D. PENYELIDIKAN SEMASA (CURRENT RESEARCH)**

Mathematics teaching and learning  
Computers in education  
Teaching and learning in higher education

#### **E. PENERBITAN (PUBLICATION)**

Aida Suraya Md. Yunus & Wan Zah Wan Ali. (2009). Motivation in the Learning of Mathematics. *European Journal of Social Science*, 7(4), 93-101.

Aida Suraya Md. Yunus, Suhaimi Napis, Zakaria Kasa, Azizan Asmuni & Bahaman Abu Samah. (2009). Webcast Technology in Teaching: It's Implementation from the Perspective of Instructors. *European Journal of Social Science*, 7(4), 145-152.

Noraidah Sahari @ Ashaari, Abdul Azim Abdul Ghani, Hasan Selamat & Aida Suraya Md. Yunus (2009). Development and validation of mathematics courseware usefulness evaluation instrument for teachers. *Journal of Applied Sciences*. 9(3), 535-541.

Noraidah Sahari, Hairuliza Mohd Judi, Abdul Azim Abdul Ghani, Hasan Selamat & Aida Suraya Md. Yunus (2009). Construction and Selection of Usefulness Evaluation items. *International Journal of Education and Information Technologies*, 1(3), 28 - 35.

Kamariah Abu Bakar, Rohani Ahmad Tarmizi, Ahmad Fauzi Mohd Ayub, & Aida Suraya Md. Yunus (2009). Effect of utilizing Geometer's Sketchpad on performance and mathematical thinking of secondary mathematics learners: An initial exploration. *International Journal of Education and Information Technologies*, 1(3), 20 - 27.

Ahmad Fauzi Mohd Ayub, Rohani Ahmad Tarmizi, Kamariah Abu Bakar & Aida Suraya Md. Yunus. (2008). A comparison of Malaysian Secondary School Students perceived ease of use and usefulness of dynamic mathematical software. *International Journal of Education and Information Technologies*, 3(2) 194-201.

Rohani Ahmad Tarmizi, Ahmad Fauzi Mohd Ayub, Kamariah Abu Bakar & Aida Suraya Md. Yunus. (2008). Instructional efficiency of utilization of autograph technology vs handheld graphing calculator for learning algebra. *International Journal of Education and Information Technologies*, 3(2) 184-191.

Aida Suraya Md. Yunus, Ramlah Hamzah & Habsah Ismail. (2008). Mathematics teacher's preparation program: Determining the balance between contents in mathematics and pedagogy. *European Journal of Social Science*, 6(4), 125-132.

Aida Suraya Md. Yunus & Wan Zah Wan Ali. (2008). Metacognition and motivation in mathematical problem solving. *International Journal of Learning*, 15(3), 121-132.

Tsai Chen Chien, Aida Suraya Md. Yunus, Wan Zah Wan Ali, & Ab. Rahim Bakar. (2008). The effect of an intelligent tutoring system (ITS) on student achievement in algebraic expression. *International Journal of Instruction*, 1(2), 25-38.

Tsai Chen Chien, Aida Suraya Md. Yunus, Wan Zah Wan Ali, & Ab. Rahim Bakar. (2008). Utilization of Intelligent Tutoring System (ITS) in Mathematics Learning. *International Journal of Education and Development using Information and Communication Technology (IJEDICT)*, 4(4).

Rohani Ahmad Tarmizi, Aida Suraya Md. Yunus, Ramlah Hamzah, Rosini Abu, Sharifah Md. Nor, Habsah Ismail, Wan Zah Wan Ali, & Kamariah Abu Bakar. (2008). Critical thinking: Are Malaysian students engaged? *The International Journal of the Humanities*, 6(6), 149-158.

Habsah Ismail, Aida Suraya Md. Yunus, Wan Zah Wan Ali, Ramlah Hamzah, Rosini Abu, & Hapsah Nawawi. (2008). Belief in God Based on the National Philosophy of Education Amongst Malaysian Secondary School Teachers. Accepted for next publication of *European Journal of Social Sciences*.

#### **F. PENGAJARAN (TEACHING)**

EDU 3069 Mathematics Teaching Methodology  
EDU 3713 Issues in Mathematics Teaching  
EDU 3712 Mathematics for Secondary School  
EDU 5900 Research Methods in Education