

CURRICULUM VITAE

i. Full Name : Siti Rahayu Binti Hassan

ii. Academic Qualifications :

No.	Academic Qualification	Institution/Country	Year of Graduation
1.	MSc in Microelectronics – Field: Optical Communication <i>“Implementation of Optical Matrix Switch (OMS) Design Characterization in Optical Virtual Lab”</i>	UKM - Malaysia	2009 - quit
2.	B.Eng (Hons) in Electronic Engineering	UMIST – United Kingdom	July, 2001
3.	International Baccalaureate Diploma in Engineering	Mara College Banting - Malaysia	1996-1998

Additional Academic Qualifications :

No.	Academic Qualification	Institution/Country	Year of Graduation
1.			
2.			
3.			

iii. Current Professional Membership:

No.	Professional Body	Position/Title	Year
1.	Board of Engineers	Graduate Engineer	2008 - present
2.			
3.			
4.			
5.			
6.			

iv. Current Teaching and Administrative Responsibilities:

a. Current Subject(s) taught :

No.	Code	Name of Subject
1.	Foundation	Business Statistics Business Mathematics Basic Business Mathematics
	Undergraduate MPU	Kemahiran Kepimpinan Community Service Event Management Green Awareness & Sustainability in Community Wellness and Healthy Lifestyle
	Undergraduate KED, KES & KMS (Labs)	Digital Electronics Digital Design Computer Engineering Computer Architecture Data and Computer Network Signal & System Industrial Electronics Mathematics I Mathematics II Laboratories: Electronic Lab 1 Microprocessor Electronic Workshop Advance Electronic Lab (Visual Elite) Electrical & Electronics Laboratory (Mechanical Eng.)
2.	Engineering Final Year Diploma Project	Supervisor: KPD 3293 Diploma Engineering Project (3-6 students per semester)
3.	Academic Advisor	15-20 students (FIM)
4.	Industrial Training	Supervisor (2-3 students per year)

b. Administrative Responsibilities :

No.	Description	Date
1.	Ketua Bidang Bahasa Malaysia (Komunikasi)	2020- current
2.	Coordinator for Foundation in Management	2017-2019
3.	Head of Research Portfolio (CFGS)	2016- current
4.	Committee member of Marketing Portfolio (CFGS)	2016- current
5.	Committee member of FoE ALUMNI Portfolio	2011- current
6.	Internal Evaluator for FoE APMR Diploma	2014
7.	E-learning representative for Electronic Engineering Department, FoE	2014
8.	Marketing committee member for Electronic Engineering Department, FoE	2014
9.	Internal Evaluator for FoE APMR Diploma	2014
10.	E-learning representative for Electronic Engineering Department, FoE	2014
11.	Marketing committee member for Electronic Engineering Department, FoE	2014

v. Previous Employment:

No.	Employer Name and Address	Position	Years	
			Start	End
1.	Faculty of Engineering (FoE), UNISEL, Selangor, Malaysia	Academics (Assistant Lecturer)	Oct2002	Present
2	MySEM, Mimos Semiconductor, Bukit Jalil, Malaysia	Trainee Engineer	September 2001	September 2002

vi. Conferences and Training:

No.	Title	Venue	Date
1.	Participant, International Conference/Workshop on Engaged Learning and ICTD in	Concorde Hotel, Shah Alam Selangor	3 rd -4 th June 2014

	the University Curriculum (AIDCOM)		
2.	Presenter The 4 th World Engineering Congress 2010 (WEC 2010)	Kuching, Sarawak	2-5 th August 2010
3.	<i>-refer attachment -</i>		

Training

No.	Title	Venue	Date
1.	Program Bina Insan Staf Unisel 2017	Bestari Jaya Campus	19 th -22 nd October 2017
2.	Preparation of Outcomes Based Education (OBE)	LT i-Zone, Shah Alam Campus	26 th -27 th May 2016
3.	Bengkel Training of Trainers (MPU Courses) by CDFS	MBA Room, Shah Alam Campus	18 th July 2017
4.	Introduction to Quantitative Research, Literature Review and Quantitative Theory Use – Part 1	Cakerawala Room FasBio, Bestari Jaya Campus	18 th January 2017
5.	Training of Trainers (MPU Courses) by ILKU	CGS, Satellite Building, Shah Alam Campus	23 rd March 2016
6.	Teaching Methodology I	Copthorne Hotel, Cameron Highland, Pahang	22 nd -25 th May 2014
7.	English for Academics	UCTL, Unisel Shah Alam	March 2012
8.	Occupational Safety and Health Wokshop	Meeting Room, FoE	26 th April 2012
9.	Bengkel Penulisan dan Penerbitan Buku	Lecture Theatre, FoE	22 nd May 2012
10.	Bengkel Pemurnian Kertas Kerja	Intekma Resort, Shah Alam	25 th September 2012
11.	Seminar Kesedaran Keselamatan Kebakaran	Unisel, Bestari Jaya	26 th December 2014
12.	Testing and Evaluation Course	Engineering Resource Centre, FoE	11-12 th April 2011
13.	Setting Exam Question Workshop	Lecture Theatre, FoE	25 th May 2011
14.	Seminar on Application of Mathematica	Lecture Theatre, FoE	22 nd July 2011
15.	Academic Workshop	Lecture Theater, FoE	4 th January 2010
16.	Microtechnology New Challenge and Future Growth Sector for Malaysia	Lecture Theater, FoE	7 th January 2010
17.	Academic Workshop	Lecture Theater, FoE	3-4 th February 2010
18.	Coourse Info Workshop	Lecture Theater, FoE	December 2010

19.	Exam Paper Preparation Workshop	Lecture Theater, FoE	December 2010
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vii. Research and Publications:

No.	Title	Year
1.	KAJIAN KEPERLUAN PERALATAN SOKONGAN UNTUK KANAK-KANAK PALSI SEREBRAL DI SEMUA PUSAT PEMULIHAN DALAM KOMUNITI (PDK) DI SELANGOR – UNISEL’S <i>BESTARI GRANT APPLICATION</i>	2017
1.	Siti Rahayu Hassan; Mohammad Syuhaimi Ab-Rahman; Siti Asma Che Aziz; Kasmiran Jumari, <i>Optical Multifunctional Switch (OMS): an optical matrix switch approach for multiple signal routing in access network's restoration scheme</i> , <i>Advances in Natural and Applied Sciences</i> . 2011;5(4):350-360	2011
2.	<i>-refer attachment -</i>	

viii. Consultancy:

No.	Name of Organization	Date
	-none-	

ix. Community Service:

No.	Description	Period
1.	Advisor: Program Hari Derma Darah 2016 Unisel Shah Alam	13 th October 2016
2.	Advisor: Program Jalinan Kasih Bersama SISWA, Pusat Jagaan Nur Ekhwan Ku	5 th March 2017
3.	Advisor: Program Cakna Insan Autistik & Disklesia UNISEL <i>Forum: “ MEMBENTUK GENERASI OKU YANG CEMERLANG”</i>	15 th August 2017
4.	Advisor: Program Berintegrasi Bersama Anak Orang Asli	19 th & 20 th Aug 2017
5.	Joint Advisor: Kejohanan Mini (Terbuka) Drumline Battle Unisel 2017	27 th August 2017
6.	Participant <i>Program Tadarus Keluarga CDFS 2017/1438H</i>	13 th June 2017
7.	Participant Program Tadarus dan Majlis Khatam Al-Quran by Women in Science	16 th June 2017
8.	Organizing Committee Program Fiqh An-nisaa: <i>“Empowering Muslimah Towards a Better Ummah by Engineering Muslimah”</i>	9 th May 2014
9.	Organizing Committee Bengkel & Majlis Pelancaran Kelab Tunas Ilmuwan Selangor by (IAB & Jejak Ilmuwan Selangor)	28 th February 2013
10.	Organizing Committee FoE Alumni Dinner 2012	December 2012