



Info UniMAP

Universiti Malaysia Perlis

Jan - June 2014

www.unimap.edu.my



REKAJAYAN 2015

75%

Kerjasama

15%

Sumber Dalam
dan Sumber Lain

10%

Endowment

THE MIND OF AN ENTREPRENEUR THE SOUL OF A SCHOLAR

2012

MoE Entrepreneurial Award (MEA)

2013



This data is valid until 31 December 2014



New Era Technology, Innovation & Quality Award from Otherways Association, Management and Consulting, Rome Italy

Mission

To produce a holistic human capital to the nation's development and industrial competitiveness.

Vision

An internationally competitive academic and research institution.



“Entrepreneurship is not merely a branch of knowledge in economics but a method and tool for developing creative and innovative thinking among its recipients and practitioners irrespective of whether the recipient is an engineer or a culturalist. This fact propelled UniMAP to establish the Centre for Entrepreneurship Development, Commercialisation & Intellectual Property Management (E-CIP) on 1st January 2011. E-CIP is a centre of excellence and a repository on entrepreneurial knowledge via its dissemination efforts; it champions research and innovative entrepreneurial practices, as well as develops quality entrepreneurial graduates who are knowledgeable and competitive. In addition, E-CIP is solely responsible for administering and managing activities related to intellectual property and commercialization of the University's research products and technology. Akin to the epitome of a successful entrepreneur, E-CIP took off immediately upon its inception to conduct various related programmes and activities. Due to the concerted effort and diligence of its team, led by its Director, Prof. Dato Wira Dr. Mohd Salleh Hj Din, E-CIP has participated and achieved success in various prestigious entrepreneurship competitions at national level. E-CIP is undoubtedly a leading centre of excellence not only at UniMAP but at various levels, nationally and internationally. UniMAP's January-June 2014 Info issue brings into focus the entrepreneurial ideas of UniMAP.”



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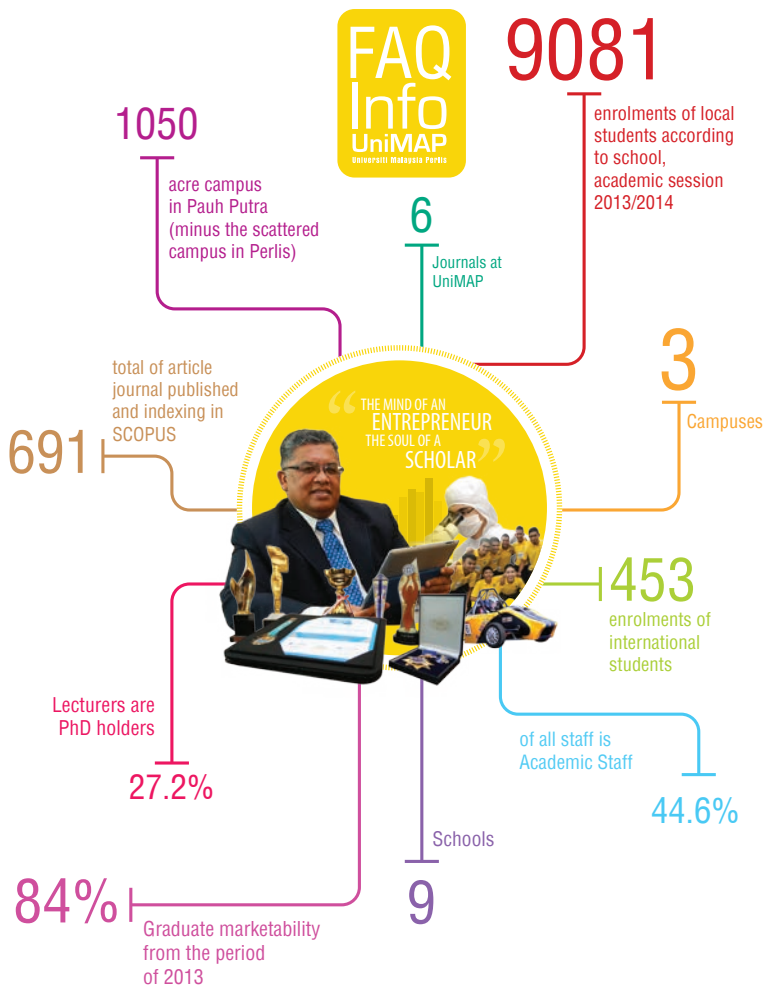


QUICK FACTS

UniMAP Achievement		
No.	Date	Achievement
1.	22 January 2014	UniMAP students creates Green X-Ray wins gold medal in Taiwan.
2.	22 January 2014	Wins five gold at International Young Inventors Award (IYIA 2014) in Jakarta.
3.	22 February 2014	UniMAP wins 15 gold overall champion in MTE 2014, five products won The Best Award and one Special Award.
4.	25 February 2014	UniMAP achieved highest qualified certification award for 1 CiTiZEN Program.
5.	5 April 2014	UniMAP's innovation awarded six gold in Moscow, at "The 17 th Moscow International Salon of Inventions Technologies" (Archimedes), Moscow.
6.	8 April 2014	UniMAP obtaining QS Stars three-star rating from QS Intelligence Unit.
7.	23 April 2014	UniMAP wins SUTRA 2014 by garnering six gold medals, one silver and four bronze medals.
8.	26 April 2014	Universiti Malaysia Perlis UniMAP received The Bizz International Business Excellence awards 2014.
9.	9 May 2014	UniMAP leads ITEX'14 one hundred percent win.
10.	14 May 2014	CEGeoGTech research products earns 3 awards at IMTCE 2014.
11.	20 May 2014	Four outstanding women researchers Repository KIWIE 2014, has made a name in Korea by winning three gold medals and three silver medals.
12.	29 May 2014	The Vice Chancellor of Universiti Malaysia Perlis UniMAP, Brig. Jen. Datuk Prof. Dr. Kamarudin Hussin awarded an Honorary Doctorate at the International Relations (Doctor Honoris Causa) from Karabuk University Turkey.
13.	13 June 2014	UniMAP, Green Tigers Racing Team obtain sponsorship from Silverstone.
14.	20 June 2014	Universiti Malaysia Perlis (UniMAP) received an accreditation for four degree programs, namely Bachelor of Engineering (Hons) Polymer Engineering, Microelectronics Engineering Degree, Degree in Civil Engineering, and Bachelor of Photonics Engineering.
15.	23 June 2014	The Vice Chancellor received an award from the Otherways Association Management and Consulting in Rome, Italy.
16.	27 June 2014	The Vice Chancellor of Universiti Malaysia Perlis received an international recognition, by the World Chancellor & Vice Chancellor Congress in Mumbai, India



QUICK FACTS





“

A hundred percent success rate was achieved after all 84 products contested by UniMAP successfully garnered a total of 65 gold, 17 silver and two bronze medals. UniMAP's success at ITEX 2014 exceeded its target of 40 gold medals. I am very excited with this huge success that we have achieved and this indicates that the field of research at UniMAP is flourishing with the creation of new products.

”

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin
ITEX 2014



ITEX 2014, PWTC
Photo: Mohd Faisal Abu Hassan

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UniMAP was selected as the winner in the Institutional Environment category of the MoE Entrepreneurial Award (MEA) 2012. UniMAP rose to prominence again when it maintained its standing after being declared, the recipient of the MoE Entrepreneurial Award 2013. I am extremely proud of UniMAP's citizens in general and the Centre for Entrepreneurship Development, Commercialisation & Intellectual Property Management (E-CIP).

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin
The Vice Chancellor's annual keynote address 2014



ENTREPRENURSHIP ACADEMIC LECTURE SERIES, TUANKU SYED FAIZUDDIN PUTRA AUDITORIUM
Photo: Mohd Faisal Abu Hassan

ADMINISTRATIVE STRUCTURE

04

ADMINISTRATIVE STRUCTURE

CHANCELLOR UniMAP

DYTM Tuanku Syed Faizuddin Putra Ibni Tuanku Syed Sirajuddin Jamalullail
D.K., S.P.M.P., P.A.T, Doctor of Education (Honoris Causa)
La Trobe University Melbourne, Australia
Crown Prince of Perlis

PRO-CHANCELLOR UniMAP

DYTM Tuanku Hajah Lailatul Shahreen Akashah Khalil
S.P.M.P Honoris Causa in Health Sciences (Universidad Nacional Pedro Henriquez Urena, RD)
Crown Princess of Perlis

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Member (Chief Executive Officer)

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Vice Chancellor of UniMAP

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Chief Executive Officer of G&P Professionals Sdn. Bhd.

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Deputy Director of the Budget (General Services), Ministry of Finance



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Sdn. Bhd.

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Chairman of the Council Professor UniMAP

Replacement Member
**Yang Berbahagia Encik
Mohd Zamani Harun**
Under Secretary
Scholarship Division

Secretary
Yang Berusaha En. Zuber Hj. Mohamad
Registrar UniMAP

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(Research and Innovation)

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(Student Affairs and Alumni)

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Registrar

Madam Saodah Hassan
Bursar

Madam Mazmin Mat Akhir
Deputy Chief Librarian

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**Associate Professor
Abdul Aziz Mahmuddin**
Assistant Vice Chancellor
(Quality Management and Corporate
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**Professor Dr.
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Dean, Research Management and
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ADMINISTRATIVE STRUCTURE

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Dean (Student Affairs and Alumni)

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Director, Centre for Entrepreneurship
Development, Commercialization and
Intellectual Properties Management

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Director, Centre for International Language

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Engineering

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Agrotechnology

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Director, Media Unit

Associate Professor Dr. Othman Hashim
Director, Internal Audit

Associate Professor Dr. Idris Md. Noor
Director, Institute of Strategic Studies,
Leadership & Community- ISleC

**Associate Professor Lt. Kol. (B)
Azuddin Bahari**
Director, Occupational Safety and Health Unit

**Associate Professor Dr.
Ye Htut@Mohammad Iqbal Omar**
Director, Health Centre

Associate Professor Mazelan Abdul Hamid
Director, Development Department

Ir. Dr. Anuar Mat Safar
Director, Accreditation and Qualification Unit

Dr. Azuwir Mohd Nor
Director, Multimedia Unit

Madam Nor Azizah Hitam
Director, Centre for International Affairs

Ustaz Hassan Hj. Arshad
Director, Islamic Centre

Mr. Afizal Abu Othman
Director, Sport Centre / Principal,
Residential College

Mr. Nasrudin Abd Shukur
Director, Information and Communication
Technology Centre

Mr. Nor Azmi Hj. Johari
Director, Security Department



ADMINISTRATIVE STRUCTURE

Madam Husna 'Afifi
Mohd Yusoff@Mat Jusoh
Director, UniMAPfm

Mr. Noor Hasnizam Hanafi
Director, Diploma Programme

-not yet appointed-
Director, Cultural and Recreation Unit

Dr. Midhat Nabil Ahmad Salimi
Principal, Residential College

YM Raja Shah Erman Raja Ariffin
Principal, Residential College

Puan Kartini Hj. Alir
Principal, Residential College

Mr. Syed Akhmal Syed Jamalil
Principal, Residential College

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Dean, Centre for Graduate Studies

Professor Dr. R. Badlishah Ahmad
Dean, School of Computer and
Communication Engineering

Professor Dr. Amran Ahmad
Dean, Institute of Engineering Mathematics

**Associate Professor Dr. Khairul Nizar
Ismail**
Dean, School of Environmental Engineering

**Associate Professor Dr. Mohd Fareq Abd
Malek**
Dean, School of Electrical System
Engineering

Associate Professor Dr. Hazry Desa
Dean, School of Business Innovation and
Technopreneurship

**Associate Professor Che Mohd Ruzaidi
Ghazali**
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Dr. Huzili Hussin
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Engineering

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Dr. Khairul Rafezi Ahmad
Dean, School of Material Engineering

Dr. Muhammad Syarhabil Ahmad
Dean, School of Bioprocess Engineering

Mr. Abu Hassan Abdullah
Dean, School of Mechatronic Engineering



ADMINISTRATIVE STRUCTURE

Associate Professor Dr. Mohd Rozailan Mamat@Ibrahim
Director, Centre for Industrial and Government Collaboration

Associate Professor Dr. Zaliman Sauli
Director, Co-Curriculum Centre

*Updated: June, 2014
Source: Personnel Unit*

“UniMAP’s boldness should be emulated by other institutions of higher learning (IPTA) in this country in efforts to attain more in terms of excellence at the international level. Congratulations UniMAP for being dauntless in allowing external assessors (to rate) its standing, other universities should learn from UniMAP on how to manage its operations in its quest for excellence.”

*The 3-star rating by QS Intelligence
Tan Sri Muhyiddin Yassin*



AUPF PARK, CAMPUS PAUH PUTRA
Photo: Mohd Faisal Abu Hassan

**CENTRES RESPONSIBLE
FOR ACADEMIC PROGRAMMES**

05

CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

Table 5.1: Academic Programmes by Schools

School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Courses	
			Research Mode	Mixed Mode/ Coursework
Microelectronic Engineering	Microelectronic Engineering Electronic Engineering Photonic Engineering	Microelectronic Engineering	Ph.D MSc (Microelectronic Engineering)	MSc (Microelectronic System Engineering) -Mixed Mode
Computer and Communication Engineering	Computer Engineering Communication Engineering Computer Network Engineering	Computer Engineering	Ph.D MSc (Computer Engineering) (Communication Engineering)	MSc (Embedded System Design Engineering)- Mixed Mode
Mechatronic Engineering	Mechatronic Engineering Mechanical Engineering Biomedical Electronic Engineering	Mechatronic Engineering	Ph.D MSc (Mechatronic Engineering) (Mechanical Engineering) (Biomedical Electronic Engineering)	-
Electrical System Engineering	Electrical System Engineering Industrial Electronic Engineering	Electrical Engineering	Ph.D MSc (Electrical Systems Engineering)	MSc (Electrical Power Engineering)-Mixed Mode
Manufacturing Engineering	Manufacturing Engineering Product Design Engineering	Manufacturing Engineering	Ph.D MSc (Manufacturing Engineering) (Product Design Engineering)	MSc (Manufacturing Systems Engineering) -Mixed Mode
Material Engineering	Material Engineering Metallurgical Engineering Polymer Engineering	Metallurgical Engineering	Ph.D MSc (Material Engineering)	MSc (Polymer Engineering)-Mixed Mode



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Courses	
			Research Mode	Mixed Mode/ Coursework
Bioprocess Engineering	Bioprocess Engineering		Ph.D MSc (Bioprocess Engineering) (Biosystem Engineering)	-
	Bio-system Engineering			
Environmental Engineering	Environmental Engineering		Ph.D MSc (Environmental Engineering) (Building Engineering)	-
	Building Engineering			
Business Innovation and Technopreneurship	Bachelor of Business (Hons.) (Entrepreneurship Engineering)		Ph.D MSc - Accounting - Finance - Economics - Management - Entrepreneurship and Technopreneurship - Marketing	MBA (Engineering Management)- Coursework
	Bachelor of Business (Hons) (International Business)			
Institute of Nanoelectronic Engineering			PhD MSc - Nanoelectronic Engineering - Nanomaterial Engineering - Nanobiotechnology Engineering	-
Institute Engineering Mathematics			Ph.D MSc - Applied Mathematics - Pure Mathematics - Statistics - Operational Research - Theoretical Physics	MSc (Engineering Mathematics)-Mixed Mode

CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Courses	
			Research Mode	Mixed Mode/ Coursework
School Of Human Development And Techno-Communication (iKOM)	Bachelor of New Media Communication		Ph.D MSc - Communication and Information Technology - Education and Sport Science - Social Entrepreneurship - Psychology and Counselling - Language Studies and Translation	-
Faculty Of Engineering Technology	Bachelor of Engineering Technology (Hons) (Industrial Biotechnology) Bachelor of Engineering Technology (Electrical) (Hons) (Industrial Power) Bachelor of Electronic Engineering Technology (Hons) (Electronic Network Design) Bachelor of Mechanical Engineering Technology (Hons) (Machining) Bachelor of Mechanical Engineering Technology (Hons) (Agricultural Systems) Bachelor of Civil Engineering Technology (Hons) (Construction)			



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Courses	
			Research Mode	Mixed Mode/ Coursework
Faculty Of Engineering Technology	Bachelor of Mechanical Engineering Technology (Hons) (Product Development)			
	Bachelor of Mechanical Engineering Technology (Hons) (Materials Processing)			
	Bachelor of Electrical Engineering Technology (Hons) (Robotics and Automation Technology)			
	Bachelor of Electronic Engineering Technology (Hons) (Electronic System)			
	Bachelor of Electronic Engineering Technology (Hons) (Integrated Electronic)			
	Bachelor of Electronic Engineering Technology (Hons) (Electronic Telecommunication Design)			
	Bachelor of Chemical Engineering Technology (Hons) (Industrial Chemical Process)			

CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

Table 5.2: New Postgraduate Academic Programmes Offered For January 2014/2015

Schools	Academic Programmes	Study Mode
Microelectronic Engineering	MSc (Microelectronic System Design Engineering)	Mixed Mode

Table 5.3: New Academic Programme Offered for 2013/2014 Academic Session

Schools	Academic Programmes
Environmental Engineering	Bachelor of Civil Engineering Technology (Honours) (Construction)
Manufacturing Engineering	Bachelor of Mechanical Engineering Technology (Honours) (Product Development)
Material Engineering	Bachelor of Mechanical Engineering Technology (Honours) (Materials Processing)
Mechatronic Engineering	Bachelor of Electrical Engineering Technology (Honours) (Robotic and Automation Technology)
Microelectronic Engineering	Bachelor of Electronic Engineering Technology (Honours) (Electronic System)
Microelectronic Engineering	Bachelor of Electronic Engineering Technology (Honours) (Integrated Electronics)
Computer & Communication	Bachelor of Electronic Engineering Technology (Honours) (Electronic Telecommunication Design)
Bioprocess Engineering	Bachelor of Chemical Engineering Technology (Honours) (Industrial Chemical Process)



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF MICROELECTRONIC ENGINEERING

Table 5.4: School of Microelectronic Engineering

Programmes	Enrolment (Total)	Staff (Total)	Lecturers (Total)	Ratio Staff & Students
1. Diploma of Engineering (Microelectronic)	139	1. Lecturers 42	Expatriate 2	Overall 1:11
2. Bachelor of Engineering (Microelectronic)	298	2. PLV 8	Local 40	Overall (Lecturer) 1:24
3. Bachelor of Engineering (Electronic)	301	3. Technicians 11		Diploma 1:17
4. Bachelor of Engineering (Photonic)	189	4. Admin / Support Staff 7		Bachelor 1:18
5. Master of Science (Microelectronic)	50	5. Study Leave (SLAB/SLAI): • MSc 1 • Ph.D 18		Master/Ph.D 1:2
6. Doctor of Philosophy	17	6. Fellow -		
TOTAL	994	TOTAL 87	TOTAL 42	
• Diploma	139		MSc	15
• Bachelor	788		Ph.D	27
• Master of Science (Microelectronic)	50			
• Doctor of Philosophy	17			

Updated: June, 2014

Source: School of Microelectronic Engineering



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF COMPUTER AND COMMUNICATION ENGINEERING

Table 5.5: School of Computer and Communication Engineering

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staffs & Student	
1. Diploma of Engineering (Computer)	160	1. Lecturers	58	Expatriate	9	Overall	1:15
2. Bachelor of Engineering (Computer)	299	2. PLV	8	Local	49	Overall (Lecturer)	
3. Bachelor of Engineering (Communication)	233	3. Tech. Assistant	1			Diploma	1:14
4. Bachelor of Engineering (Network Computer)	210	4. Technicians	15			Bachelor	1:14
5. Master of Science (Embedded System Design Engineering)	17	5. Admin/ Support Staff	6				
6. Master of Science (Computer Engineering)	26	6. Study Leave (SLAB/SLAI):	15				
7. Master of Science (Communication Engineering)	35	7. Fellow	15				
8. Doctor of Philosophy (Computer Engineering)	39						
9. Doctor of Philosophy (Communication Engineering)	41						
TOTAL	1060	TOTAL	118	TOTAL	58		
• Diploma	160			MSc	20		
• Bachelor	742			Ph.D	38		
• Master of Science	78						
• Doctor of Philosophy	80						

Updated: June, 2014

Source: School of Computer and Communication Engineering



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF MECHATRONIC ENGINEERING

Table 5.6: School of Mechatronic Engineering

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staffs & Students	
1. Diploma of Engineering (Mechatronic)	204	1. Lecturers	66	Expatriate	8	Overall	1:14
2. Bachelor of Engineering (Mechatronic)	406	2. PLV	22	Local	54	Overall (Lecturer)	1:17
		3. Tech. Assistant	1				
3. Bachelor of Engineering (Mechanical)	421	4. Technician	15			Diploma	1:9
						Bachelor	1:17
4. Bachelor of Engineering (Biomedical Electronic)	380	5. Admin/ Support Staff	5			Master	1:2
5. Master of Science (Mechatronic Engineering)	59	6. Carpenter K1	4				
6. Doctor of Philosophy	80	7. Study Leave (SLAB/SLAI):					
		• MSc	-				
		• Ph.D	26				
		8. Fellow	8				
TOTAL	1550	TOTAL	147	TOTAL	62		
• Diploma	204			MSc Ph.D	30 32		
• Bachelor	1207						
• Master of Science	59						
• Doctor of Philosophy	80						

Updated: June, 2014

Source: School of Mechatronic Engineering

CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF ELECTRICAL SYSTEM ENGINEERING

Table 5.7: School of Electrical System Engineering

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Diploma of Engineering (Electrical)	221	1. Lecturers	58	Expatriate	9	Overall	1:20
2. Bachelor of Engineering (Electrical System)	365	2. PLV	6	Local	49	Overall (Lecturer)	1:22
		3. Tech. Assistant	1			Diploma	1:4
3. Bachelor of Engineering (Electronic Industry)	295	4. Technician	12			Bachelor	1:18
4. Bachelor of Engineering (Electrical Energy System)	307	5. Chargeman	2				
5. Bachelor of Engineering Technology (Industrial Power)	77	6. Admin/ Support Staff	6				
		7. Stud Leave Staff (SLAI): • Ph.D	18				
		Fellow (SLAB): • MSc • Ph.D	12 5				
6. Master of Science (Electrical System)	24						
7. Master of Science (Mix- Mode) (Electrical Power)	23						
8. Doctor of Philosophy	32						
TOTAL	1344	TOTAL	120	TOTAL	58		
• Diploma	221			MSc	38		
• Bachelor	1044			Ph.D	20		
• Master of Science	47						
• Doctor of Philosophy	32						

Updated: June, 2014
Source: School of Electrical System Engineering



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF MANUFACTURING ENGINEERING

Table 5.8: School of Manufacturing Engineering

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Diploma of Engineering (Manufacturing)	210	1. Lecturers	34	Expatriate	3	Overall	1:12
2. Bachelor of Engineering (Manufacturing)	316	2. PLV	11	Local	31	Overall (Lecturer)	1:24
		3. Tutor	-			Diploma	1:3
3. Bachelor of Engineering (Product Design)	219	4. Assistant Engineer	1			Bachelor	1:9
4. Bachelor of Engineering Technology (Machining)	-	5. Technician	13			Master	1:2
5. Bachelor of Engineering Technology (Product Development)	-	6. Admin/ Support Staff	6				
		7. Carpenter K1	1				
6. Master of Science (Manufacturing)	15	8. Study Leave (SLAB/SLAI):					
7. Master of Science (Product Design)	6	• MSc	1				
		• Ph.D	20				
8. Master of Science Mixed Mode (Manufacturing Systems)	16	9. Fellow	11				
9. Doctor of Philosophy (Manufacturing)	15						
10. Doctor of Philosophy (Product Design)	1						
TOTAL	798	TOTAL	98	TOTAL	34		
• Diploma	210			MSc	20		
• Bachelor	535			Ph.D	14		
• Master of Science	37						
• Doctor of Philosophy	16						

Updated: June, 2014

Source: School of Manufacturing Engineering

CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF MATERIAL ENGINEERING

Table 5.9: School of Material Engineering

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Diploma of Engineering (Metallurgical)	179	1. Lecturers	56	Expatriate	6	Overall (Lecturer)	1:12
2. Bachelor of Engineering (Materials)	278	2. PLV	12	Local	67	Diploma	1:15
3. Bachelor of Engineering (Metallurgical)	174	3. Tech. Assistant	1			Bachelor	1:12
4. Bachelor of Engineering (Polymer)	194	4. Technician	9				
5. Master of Science (Material)	71	5. Admin/ Support Staff	6				
6. Master of Science (Polymer Engineering)	9	6. Study Leave (SLAB/SLAI): • MSc • Ph.D	1 18				
7. Doctor of Philosophy	58						
TOTAL	963	TOTAL	103	TOTAL	73		
• Diploma	179			MSc	33		
• Bachelor	646			Ph.D	40		
• Master of Science	80						
• Doctor of Philosophy	58						

Updated: June, 2014
Source: School of Material Engineering



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF BIOPROCESS ENGINEERING

Table 5.10: School of Bioprocess Engineering

Programmes	Enrolment	Staff		Lecturers (Total)		Ratio Staff & Students	
1. Bachelor of Engineering (Bioprocess Engineering)	222	1. Pensyarah	28	Expariate	1	Overall	1:11
2. Bachelor of Engineering (Biosystems Engineering)	179	2. PLV	8	Local	27	Overall (Lecturers)	1:14
		3. Technician	7			Bachelor	1:14
3. Master of Science (Bioprocess Engineering)	36	4. Admin/ Support Staff	6			Diploma	-
4. Master of Science (Biosystems Engineering)	6	5. Study Leave (SLAB/SLAI):				Master of Science/ Doctor of Philosophy	1:2
5. Doctor of Philosophy (Bioprocess Engineering)	16	• MSc	-				
		• Ph.D	10				
6. Doctor of Philosophy (Biosystems Engineering)	8	6. Fellow	18				
TOTAL	467	TOTAL	77	TOTAL	28		
• Bachelor	401			MSc	12		
• Master of Science	42			Ph.D	16		
• Doctor of Philosophy	24						

Updated: June, 2014

Source: School of Bioprocess Engineering



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF ENVIRONMENTAL ENGINEERING

Table 5.11: School of Environmental Engineering

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Bachelor of Engineering (Environmental)	278	1. Lecturers	30	Expatriate	2	Overall	1:8.5
2. Bachelor of Engineering (Building Engineering)	295	2. PLV	11	Local	28	Overall (Lecturer)	1:20
		3. Technician	4			Bachelor	1:19
3. Master of Science (Environmental)	19	4. Admin/ Support Staff	6			Doctor of Philosophy	1:1
4. Master of Science (Building)	4	5. Study Leave (SLAB/SLAI): • Ph.D	21				
5. Doctor of Philosophy	11	6. Fellow	1				
TOTAL	607	TOTAL	73	TOTAL	30		
• Bachelor	573			MSc	13		
• Master of Science	23			Ph.D	17		
• Doctor of Philosophy	11						

Updated: June, 2014

Source: School of Environmental Engineering



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

SCHOOL OF BUSINESS INNOVATION AND TECHNOPRENEURSHIP

Table 5.12: School of Business Innovation and Technopreneurship

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Bachelor of Business (Hons) (International Business)	620	1. Lecturers	49	Expatriate	6	Overall (Lecturer)	1:28
		2. Admin/ Support Staff	6	Local	43	Bachelor	1:24
2. Bachelor of Business (Hons) (Engineering Entrepreneurship)	554	3. Study Leave (SLAB/SLAI): • Ph.D	11			Master	1:12
3. Master of Business Administration (Engineering Management)	137	4. Fellow	10			Doctor of Philosophy	1:3
4. MSc	17						
5. Ph.D	38						
TOTAL	1366	TOTAL	76	TOTAL	49		
• Bachelor	1174			MSc	36		
• Master of Management	137			Ph.D	13		
• MSc	17						
• Ph.D	38						

Updated: June, 2014

Source: School of Business Innovation and Technopreneurship

CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

INSTITUTE OF NANO ELECTRONIC ENGINEERING (INEE)

Table 5.13: Institute Of Nano Electronic

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Master of Science	11	1. Lecturers	11	Expatriate	1	MSc	1:1
2. Doctor of Philosophy	18	2. Admin/ Support Staff	5	Local	10	Ph.D	1:1.3
		3. Study Leave (SLAB/SLAI)	2				
		4. Technical	4				
TOTAL	29	TOTAL	22	TOTAL	11		

Updated: June, 2014
Source: Institute of Nano Electronic Engineering

SCHOOL OF HUMAN DEVELOPMENT AND TECHNO-COMMUNICATION (iKOM)

Table 5.14: School of Human Development and Techno-communication

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Master of Science	4	1. Academic	35	1. Expatriate	2	-	-
2. Doctor of Philosophy	11	2. Admin/ Support Staff	12	2. Local	33	-	-
		3. Study Leave (SLAB/SLAI)	5				
TOTAL	15	TOTAL	52	TOTAL	35	-	-

Updated: June, 2014
Source: School of Human Development and Techno-communication



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

INSTITUTE OF ENGINEERING MATHEMATICS

Table 5.15: Institute of Engineering Mathematics

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Master of Science	24	1. Academic	39	1. Expatriate	2	-	-
2. Doctor of Philosophy	8	2. Tutor	2	2. Local	65	-	-
		3. Admin/ Support Staff	6				
		4. Study Leave (SLAB/SLAI)	11				
		5. Fellow	9				
TOTAL	32	TOTAL	67	TOTAL	67	-	-

Updated: June, 2014

Source: Institute of Engineering Mathematics



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

FACULTY OF ENGINEERING TECHNOLOGY

Jadual 5.16: Faculty of Engineering Technology

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
1. Bachelor of Engineering Technology (Hons) (Industrial Biotechnology)	84	1. Lecturers	56	Expatriate	2	Overall (Lecturer)	1:15
		2. Teaching Engineer	29	Local (Lectures + Teaching Engineer)	83	Bachelor	1:15
2. Bachelor of Electronic Engineering Technology (Hons) (Electronic Network Design)	69	3. Admin/ Support Staff	6			Doctor of Philosophy	-
3. Bachelor of Mechanical Engineering Technology (Hons) (Machining)	98	4. Study Leave (SLAB / SLAI) : • PhD	10				
4. Bachelor of Mechanical Engineering Technology (Hons) (Agricultural Systems)	83	5. Fellow	-				
5. Bachelor of Engineering Technology (Electrical) (Hons) (Industrial Power)	86						
6. Bachelor of Electronic Engineering Technology (Hons) (Electronic System)	44						
7. Bachelor of Electronic Engineering Technology (Hons) (Electronic Telecommunication Design)	55						
8. Bachelor of Electronic Engineering Technology (Hons) (Integrated Electronic)	36						



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

Programmes	Enrolment (Total)	Staff (Total)		Lecturers (Total)		Ratio Staff & Students	
9. Bachelor of Mechanical Engineering Technology (Hons) (Product Development)	36						
10. Bachelor of Mechanical Engineering Technology (Hons) (Materials Processing)	40						
11. Bachelor of Civil Engineering Technology (Hons) (Construction)	67						
12. Bachelor of Chemical Engineering Technology (Hons) (Industrial Chemical Process)	57						
13. Bachelor of Electrical Engineering Technology (Hons) (Robotics and Automation Technology)	42						
TOTAL	797	TOTAL	101	TOTAL	85		
• Bachelor	797			MSc Ph.D	68 17		

Updated: June, 2014

Source: Faculty of Engineering Technology



CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

INSTITUTES

- Institute of Engineering Mathematics
- Institute of Nano Electronic Engineering
- Institute of Sustainable Agrotechnology (INSAT)

FACULTY

- Faculty of Engineering Technology
(Approved as at 25 November 2013)

ACADEMIC SUPPORT CENTRE

- Centre for Communication Skills and Entrepreneurship
- Centre for Industrial Collaboration
- Centre for Engineering
- Centre for Co-Curriculum
- Centre for International Affairs
- Centre for Information and Communication Technology
- Library
- Sustainable Development Unit / Teaching and Learning Unit

CENTRE OF EXCELLENCE (CoE)

- Centre of Excellence for Advanced Sensor Technology (CEASTech)
- Centre of Excellence for Geopolymer and Green Technology (CEGeoTech)
- Centre of Excellence for Renewable Energy (CERE)
- Centre of Excellence Advance Communication Engineering Centre
- Centre of Excellence Advanced Multi-Disciplinary MEMS –Based Integrated Electronics NCER (AMBIENCE)
- Centre of Excellence Unmanned Aerial Systems (UAS)
- Industry Centre of Excellence (ICoE) Healthcare Cluster



**QUALITY
CONTROL**

06



QUALITY CONTROL

CERTIFICATION FOR BACHELOR OF ENGINEERING PROGRAMMES

Table 6.1: Accreditation Certification for Bachelor of Engineering Programme by the Board of Engineers, Malaysia (BEM)

No.	Programmes	Accreditation (Year of Accredited)	EAC Reference No.	Certificate No.
1.	Bachelor of Engineering (Honour) (Computer Engineering)	2002-2006 2011-2012 2013-2015	BEM/041/0461/M/2005/2002 (0540) BEM/041/0460/M (002) BEM/041/0460/M (003)	185 424 753
2.	Bachelor of Engineering (Honour) (Microelectronic Engineering)	2002-2006 2011-2012 2013	BEM/041/0471/M/2005/2002 (0539) BEM/041/0400/M (002) BEM/041/0400/M (003)	184 425 658
3.	Bachelor of Engineering (Honour) (Product Design Engineering)	2010-2011 2012-2013 2014-2015	BEM/041/0620/M (003) BEM/041//0620/M (004) BEM/041//0620/M (005)	426 607 -
4.	Bachelor of Engineering (Honour) (Mechanical Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0620/M (003) BEM/041/0620/M (004) BEM/041/0620/M (005)	427 605 -
5.	Bachelor of Engineering (Honour) (Biomedical Electronic Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0721/M (001) BEM/041/0721/M (002) BEM/041/0721/M (003)	428 621 -
6.	Bachelor of Engineering (Honour) (Bioprocess Engineering)	2010-2011 2012-2013 2014-2018	BEM/041/0700/M (001) BEM/041/0700/M (002) BEM/041/0700/M (003)	431 603 -
7.	Bachelor of Engineering (Honour) (Environmental Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0111/M (001) BEM/041/0111/M (002) BEM/041/0111/M (003)	454 604 -
8.	Bachelor of Engineering (Honour) (Manufacturing Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0630/M (002) BEM/041/0630/M (003) BEM/041/0630/M (004)	455 606 -
9.	Bachelor of Engineering (Honour) (Materials Engineering)	2010-2011 2012-2013 2014-2015	BEM/041/0740/M (002) BEM/041/0740/M (003) BEM/041/0740/M (004)	432 610 -
10.	Bachelor of Engineering (Honour) (Mechatronic Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0520/M (002) BEM/041/0520/M (003) BEM/041/0520/M (004)	433 608 -
11.	Bachelor of Engineering (Honour) (Metallurgical Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0730/M (002) BEM/041/0730/M (003) BEM/041/0730/M (004)	434 609 -



QUALITY CONTROL

No.	Programmes	Accreditation (Year of Accredited)	EAC Reference No.	Certificate No.
12.	Bachelor of Engineering (Honour) (Communication Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0440/M (002) BEM/041/0440/M (003) BEM/041/0440/M (004)	435 602 -
13.	Bachelor of Engineering (Honour) (Electrical System Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0300/M (002) BEM/041/0300/M (003) BEM/041/0300/M (004)	436 598 -
14.	Bachelor of Engineering (Honour) (Electronic Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0400/M (002) BEM/041/0400/M (003) BEM/041/0400/M (004)	429 599 -
15.	Bachelor of Engineering (Honour) (Industrial Electronic Engineering)	2010-2011 2012-2013 2014-2016	BEM/041/0640/M (002) BEM/041/0640/M (003) BEM/041/0640/M (004)	430 600 -
16.	Bachelor of Engineering (Honour) (Polymer Engineering)	2011-2012 2013	BEM/041/0750/M (001) BEM/041/0750/M (002)	526 659
17.	Bachelor of Engineering (Honour) (Building Engineering)	2012-2013	BEM/041/0100/M (001)	657
18.	Bachelor of Engineering (Honour) (Computer Network Engineering)	2012-2014	BEM/041/0700/M (001)	750
19.	Bachelor of Engineering (Honour) (Biosystems Engineering)	2013-2014	BEM/041/0461/M (001)	751
20.	Bachelor of Engineering (Honour) (Photonics Engineering)	2012-2013	BEM/041/0400/M (001)	752

Updated: June 2014

Source: Qualifications and Accreditations Unit

Table 6.2: Certification for Bachelor of Engineering Programme by the Malaysian Qualifications Agency (MQA)

No.	Programmes	Accreditation (Validation)	Certificate Series No.	Registration No.
1.	Bachelor of Engineering (Honour) (Materials Engineering)	2007-2009 2010-2011	04711 04672	AA0010 AA0362
2.	Bachelor of Engineering (Honour) (Industrial Electronic Engineering)	2007-2009 2010-2011	04710 04670	AA0006 AA0360
3.	Bachelor of Engineering (Honour) (Electronic Engineering)	2007-2009 2010-2011	04706 04667	AA0005 AA0357
4.	Bachelor of Engineering (Honour) (Mechanical Engineering)	2007-2009 2010-2011	04714 04675	AA0367 AA0365



QUALITY CONTROL

No.	Programmes	Accreditation (Validation)	Certificate Series No.	Registration No.
5.	Bachelor of Engineering (Honour) (Mechatronic Engineering)	2007-2009 2010-2011	04707 04668	AA0008 AA0358
6.	Bachelor of Engineering (Honour) (Metallurgical Engineering)	2007-2009 2010-2011	04730 04673	AA0011 AA0363
7.	Bachelor of Engineering (Honour) (Manufacturing Engineering)	2007-2009 2010-2011	04709 04671	AA0009 AA0361
8.	Bachelor of Engineering (Honour) (Communication Engineering)	2007-2009 2010-2011	04705 04666	AA0004 AA0356
9.	Bachelor of Engineering (Honour) (Product Design Engineering)	2007-2009 2010-2011	04713 04674	AA0366 AA0364
10.	Bachelor of Engineering (Honour) (Electrical System Engineering)	2007-2009 2010-2011	04708 04669	AA0007 AA0359
11.	Bachelor of Engineering (Honour) (Microelectronic Engineering)	2010-2011	04742	AA0346
12.	Bachelor of Engineering (Honour) (Bioprocess Engineering)	2010-2011	04737	AA0344
13.	Bachelor of Engineering (Honour) (Environmental Engineering)	2010-2011	04736	AA0343
14.	Bachelor of Engineering (Honour) (Computer Engineering)	2010-2011	04676	AA0347
15.	Bachelor of Engineering (Honour) (Biomedical Electronic Engineering)	2010-2011	04736	AA0345

CERTIFICATION FOR DIPLOMA OF ENGINEERING PROGRAMMES

Table 6.3: Certification for Diploma in Engineering Programme by the Malaysian Qualifications Agency (MQA) and Public Service Department of Malaysia (JPA)

No.	Programmes	Certification (Year)	Reference No.
1.	Diploma in Engineering (Electric Engineering)	2009	11141
2.	Diploma in Engineering (Computer Engineering)	2009	11139
3.	Diploma in Engineering (Mechatronic Engineering)	2009	11140
4.	Diploma in Engineering (Metallurgical Engineering)	2009	11143



QUALITY CONTROL

No.	Programmes	Certification (Year)	Reference No.
5.	Diploma in Engineering (Microelectronic Engineering)	2009	11138
6.	Diploma in Engineering (Manufacturing Engineering)	2009	11142

❖ Recognition of Qualifications recognized as equivalent to Diploma in Engineering by Higher Education Institutions (IPT) for purposes of appointment to the appropriate positions in the Public Service of Malaysia.

CERTIFICATION FOR BACHELOR OF BUSINESS PROGRAMMES

Table 6.4: Certification for Bachelor of Business Programme by the Malaysian Qualifications Agency (MQA)

No.	Programmes	Certificate of Accreditation (Year)	Serial No.	Registration No.
1.	Bachelor of Business (Honours) (International Business)	2012	06935	MQA/FA2217
2.	Bachelor of Business (Honours) (Engineering Entrepreneurship)	2012	06940	MQA/FA2216

❖ Certification of Accreditation has attained the quality assurance standards set by the Agency and is in compliance with the Malaysian Qualifications Framework.

CERTIFICATION FOR MASTER OF BUSINESS ADMINISTRATION PROGRAMMES

Table 6.5: Certification for Master of Business Administration Programme by the Malaysian Qualifications Agency (MQA)

No.	Programmes	Certificate of Accreditation (Year)	Serial No.	Registration No.
1.	Master of Business Administration (Engineering Management)	2013	08318	MQA/FA0514

❖ Certification of Accreditation has attained the quality assurance standards set by the Agency and is in compliance with the Malaysian Qualifications Framework.



QUALITY CONTROL

CONTINUING ACCREDITATION PROCESS BY BOARD OF ENGINEERS, MALAYSIA (BEM) FOR BACHELOR OF ENGINEERING PROGRAMMES, UniMAP

- Product Design Engineering
- Manufacturing Engineering
- Mechanical Engineering
- Mechatronic Engineering
- Biomedical Electronic Engineering
- Bioprocess Engineering
- Environmental Engineering
- Building Engineering
- Computer Engineering
- Communication Engineering
- Microelectronic Engineering
- Electronic Engineering
- Electrical System Engineering
- Industrial Electronic Engineering
- Materials Engineering
- Metallurgical Engineering
- Polymer Engineering
- Computer Network Engineering
- Biosystems Engineering
- Photonics Engineering

PROCESS OF QUALITY REVIEW IN PERIODICALLY BY MALAYSIAN QUALIFICATIONS AGENCY (MQA) FOR DIPLOMA IN ENGINEERING PROGRAMMES, UniMAP

- Electric Engineering
- Computer Engineering
- Mechatronic Engineering
- Metallurgical Engineering
- Microelectronic Engineering
- Manufacturing Engineering



PART OF UniMAP MANAGEMENT AND ADMINISTRATION AT THE KWSP BUILDING, KANGAR
Photo: Mohd Faisal Abu Hassan

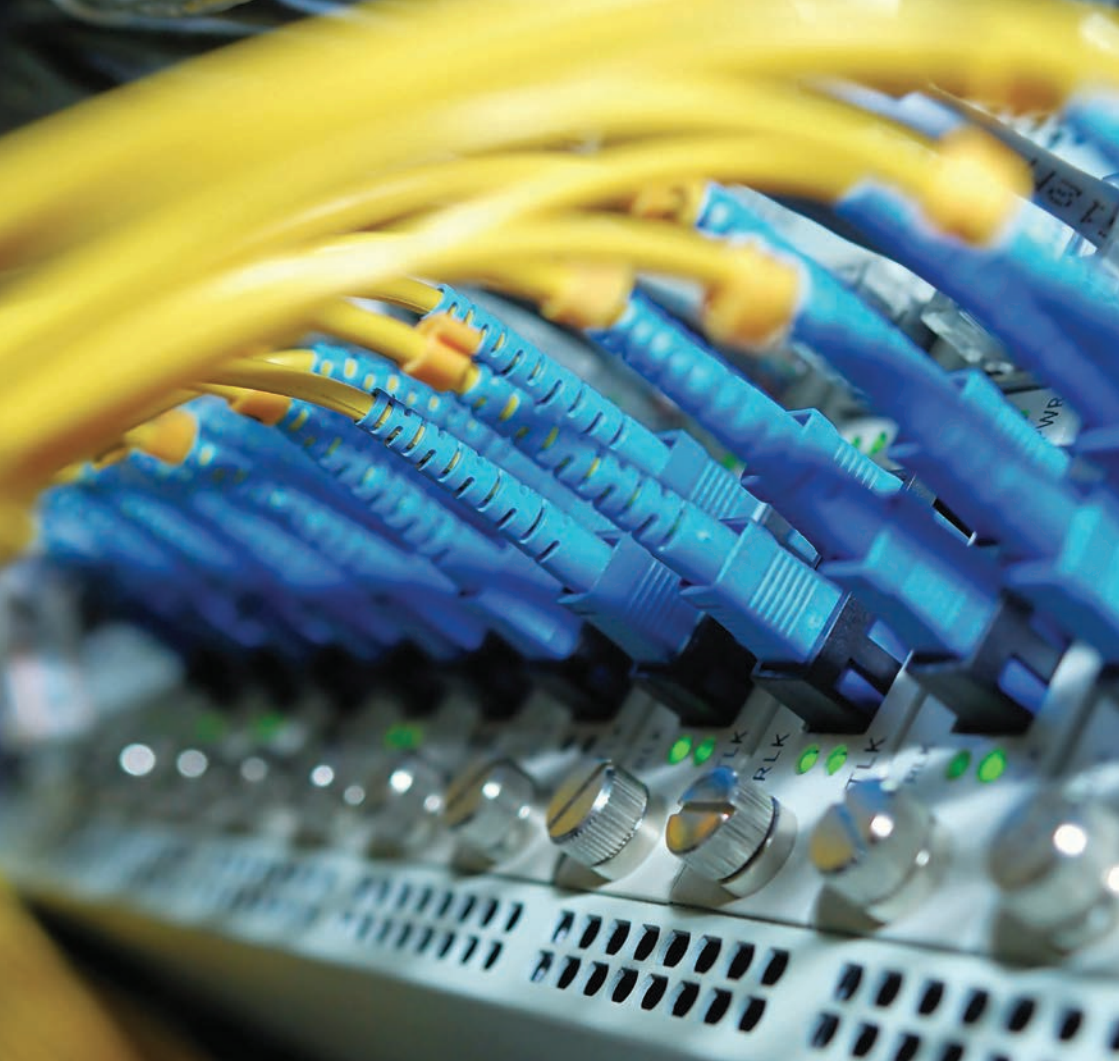
ACADEMIC
INFRASTRUCTURE

07

ACADEMIC INFRASTRUCTURE

Table 7.1: Types of Infrastructure Provided

Types of Infrastruncture Provided	Total
Laboratories (Teaching and Research Lab)	156
Engineering Centre	1
Teaching Factory	1
Semiconductor Clean Room	1
Agro Technology Research Station	1
Lecture Halls / Classrooms	117



**CENTRE FOR INFORMATION AND
COMMUNICATION (ICT)**

08



CENTRE FOR INFORMATION AND COMMUNICATION (ICT)

Table 8.1: Facilities Provided

No.	Facilities	Speed/ Total
1.	Access to internet from Data Centre, Kubang Gajah Campus	100 Mbps
2.	Number of location connected internet to Data Centre, Kubang Gajah Campus	29 premises
3.	Access Internet and Internet from Centre for Engineering, Kuala Perlis Data Centre, Kubang Gajah Campus	30 Mbps
4.	Number of location connected internet to Centre of Engineering, Kuala Perlis	5 premises
5.	Access internet from Data Centre School of Mechatronic, Pauh Putra Campus	100 Mbps
6.	Number of location connected internet to Data Centre School of Mechatronic Engineering, Pauh Putra Campus	7 premises
7.	Access to internet from Data Centre School of Mechatronic Engineering, Pauh Putra Campus to Data Centre, Kubang Gajah Centre	20 Mbps
8.	Access from premises to ICT Centre, Kubang Gajah Campus / Centre for Engineering, Kuala Perlis/ Data Centre Mechatronic, Pauh Putra Campus	1.5 Mbps = 2 premis 2 Mbps = 14 premises 4 Mbps = 5 premises 6 Mbps = 3 premises 8 Mbps = 2 premises 10 Mbps = 1 premis 16 Mbps = 2 premises
9.	Number of users	10,197 students 2,048 staff
10.	Number of UTP data source	11,233 units
11.	Number of Wireless Access Point	150 units
12.	Storage attached network capacity	6 Terabyte
13.	Number of staffs email accounts– Zimbra Mail	2,048 users
14.	Number of students email accounts – Zimbra Mail	10,197 users
15.	Number of Smart Card and Biometric Readers for Access Control System/Time Management System	140 units
16.	Number of locations for IP cameras	80 locations



CENTRE FOR INFORMATION AND COMMUNICATION (ICT)

UniMAP INFORMATION SYSTEM

Official Website: <http://www.unimap.edu.my>

University Portal: <http://portal.unimap.edu.my>

Academic Management Information System: <http://amis.unimap.edu.my>

Graduate Academic Management Information System: <http://gamis.unimap.edu.my>

Human Resources Management System: <http://iushrm.unimap.edu.my>

Financial Management System: <http://siskewangan.unimap.edu.my>

Library Management System: <http://lib.unimap.edu.my>

Time Attendance System: <http://attendance.unimap.edu.my>

Learning Management System: <http://elearning.unimap.edu.my>

Health Centre Management System: <http://clinic.unimap.edu.my>

R&D Information System: <http://rnd.unimap.edu.my>

Advance Learning Information System: <http://spl.unimap.edu.my/>

Hostel Management System: <http://homes.unimap.edu.my>

Online System Requirement Specification: <http://espec.unimap.edu.my>

Online Student Information: <http://osi.unimap.edu.my>

Online Financial Info System: <http://ofis.unimap.edu.my>

Online Offer Letter: <http://offerletter.unimap.edu.my>

Student's Convocation Information System: <http://econvo.unimap.edu.my>

Online Course Registration (Degree): <http://courseregdeg.unimap.edu.my>

Online Course Registration (Diploma): <http://courseregdp.unimap.edu.my>



“As an engineering-based university which offers only two business programs, its success in the Ministry of Education Malaysia’s, Entrepreneurial Award, has proven UniMAP’s capability to nurture a conducive, entrepreneurial environment amongst its staff and students.”

Brig. Jen. Datuk Prof. Dr. Kamarudin Hussin
Entrepreneurial Award, Ministry of Education Malaysia



TUANKU SYED FAIZUDDIN PUTRA LIBRARY
Photo: Mohd Faisal Abu Hassan

LIBRARY

09

LIBRARY

Table 9.1: Seating Capacity

No.	Facilities	Total
1.	Reading Area	786 seats
2.	Info Access Lab	82 seats
3.	Public Access Computers	130 seats
4.	Leisure Area	202 seats
5.	Wired Carrels	172 seats
6.	Laptop Zone	39 seats
7.	Discussion Rooms	86 seats
8.	Auditorium	184 seats
9.	Postgraduate Lounge	32 seats
10.	Carrel Rooms	12 seats
11.	Learning Pod	12 seats
12.	Learning Rooms	12 seats
TOTAL		1,749

Table 9.2: Library Facilities

No.	Facilities	Total
1.	Public Access Computers	130 units
2.	Selfcheck Stations	10 units
3.	Book Drop Stations	3 units
4.	Photocopying Machine and Network Printing Stations	5 unit
5.	Lokers	588 unit
6.	Wireless Internet Access	Available
7.	Wired Carrels	172 units



LIBRARY

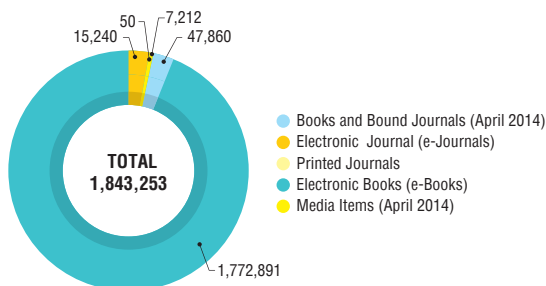


Figure 9.1: Library Collections

Table 9.3: Electronic Resources

NO.	Facilities	Areas
1	ACM Digital Library	Information Technology
2	ASME (Association of Mechanical Engineers) Digital Library	Engineering
3	ASME Scitation	Engineering
4	ASTM Digital Library (Include ASTM Standard)	Engineering
5	BERNAMA Library & Infolink Service	General
6	Britannica Online	General
7	CLJLAW	Law
8	Datamonitor - Marketline	Statistics
9	e-Newspaper	General
10	Ebrary	General
11	EBSCOHost - Business Source Complete Academic Search Premier	Science and Technology, Social Science, Humanities, Business
12	EBSCOHost e-books	General
13	Elsevier e-Books	Engineering
14	Emerald e-books	Business, Management, Economy
15	Emerald Management Plus	Engineering and Management
16	EndNote	Citation Management
17	EngNetBASE	Engineering
18	Gale Virtual Reference Library	Asian Studies
19	IEEE Xplore	Engineering



LIBRARY

NO.	Facilities	Areas
20	International Journal of Industrial Engineering : Theory, Application and Practice	Engineering
21	IOP Science	Physics
22	Journal Citation Reports	Publication
23	JSTOR	Business
24	Key to Metal Steel	Engineering
25	Knovel	Engineering
26	Law Net (Malaysian Acts & Regulations)	General
27	Malaysian Standards Online	General
28	McGraw Hill Access Engineering	Engineering
29	McGraw Hill Access Science	Technology and Engineering
30	MyiLibrary	General
31	Oxford Reference Online Premium	General
32	Proquest Dissertation & Theses	Science and Engineering
33	SAE International Journal of Engines	Engineering
34	SAE International Journal of Fuel and Lubricants	Engineering
35	ScienceDirect	Science and Technology
36	Scopus	Citation Database
37	Sensor & Transducers	Engineering
38	Sensor Letters	Engineering
39	SIAM Locus	Mathematic
40	SPIE Digital Library	Engineering
41	SpringerLink e-books	Science and Technology, Social Science and Humanities
42	SpringerLink e-journals	Science and Technology, Social Science and Humanities
43	Times Higher Education	Education
44	Web of Science	Citation Database
45	Wiley Online Library	Engineering and Mathematics
46	Wizfolio	Citation Management
47	Worldcat Local	Search Engine



LIBRARY

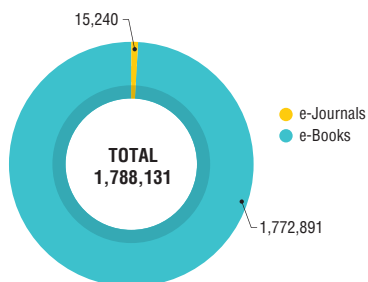


Figure 9.2: Electronic Resources by Categories

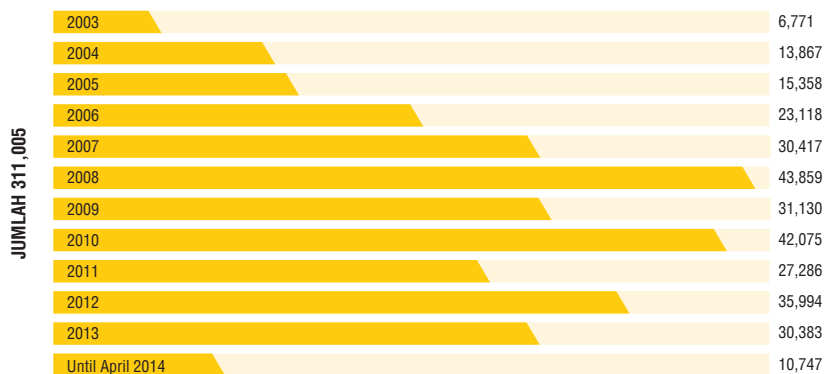


Figure 9.3: Basic Circulations By Year (2003-April 2014)

LIBRARY

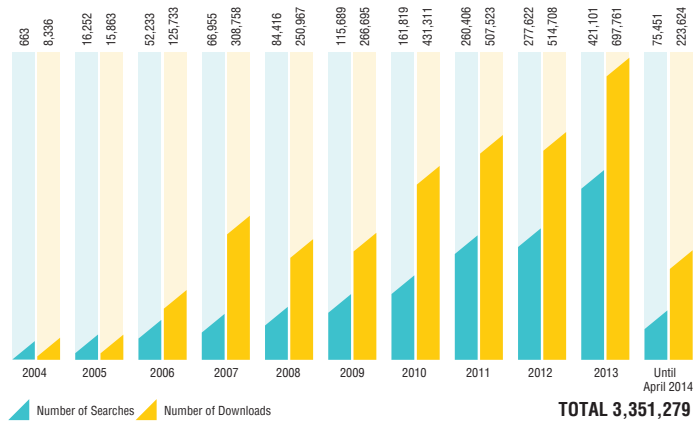


Figure 9.4: Access to Electronic Resources By Year (2004-April 2014)

Table 9.4: Number of Digital Items (Institutional Repository and Fingertips Database) (Until April 2014)

No.	Collections	Total
1.	Final Year Project Report	1,020
2.	Journal Article	1,633
3.	Monograph And Chapter In Book	11
4.	Research And Innovations	322
5.	Thesis	205
6.	Conference Papers	2,462
7.	Digital Images	168
8.	Document Delivery Items	22
9.	News Paper Articles	19,239
10.	Pass Year Exam Papers	2,898
11.	References Bank	1
12.	Library Conference	10
13.	Malaysiana Collection	5,052
TOTAL		33,043

LIBRARY

Table 9.5: UniMAP Library in Ranking of World Repositories 2013

Year	World Ranking	Malaysia Ranking
Dec 2010	239	4
Jan 2011	239	4
July 2011	141	4
Jan 2012	219	4
April 2012	219	3
Jan 2013	302	4
July 2013	380	6
Jan 2014	409	6

RESOURCE SHARING AT PERPUN, LOCAL AND INTERNATIONAL

1. Malaysian Thesis Online (MyTO): <http://perpun.upm.edu.my/myTO>
2. Malaysian Union List Of Serial (MyULIS): <http://perpun.upm.edu.my/myULIS>
3. Katalog Induk Kebangsaan (KIK): <http://kik.pnm.my/>
4. Registry of Open Access Repositories (ROAR): <http://roar.eprints.org/>
5. Directory of Open Access Repositories (DOAR): <http://www.opendoar.org/>
6. Worldcat

Updated: June, 2014

*Source: TuanKu Syed Faizuddin Putra Library (PTSFP)
Universiti Malaysia Perlis*



“The entrepreneurial aspect also needs to be given special attention in future. I wish to see entrepreneurial elements being an actual part of the culture of our staff, students and graduates.”

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin
The Vice Chancellor's keynote address 2014



Photo: Mohd Faisal Abu Hassan

ACADEMIC
STAFF

10

ACADEMIC STAFF

Table 10.1: Total Number of Academic Staff

Lecturers (749)		Language Instructors, Tutors & Teaching Engineers (PLV)
Ph.D	MSc	Degree
259 (27.8%)	490 (52.6%)	183 (19.6%)

Table 10.2: Designation and Number of Academic Staff *

Designation	Total
Professors	32
Visiting Professors	11
Associate Professors	43
Visiting Associate Professors	8
Senior Lecturers	227
Visiting Senior Lecturers	1
Lecturers	426
Karyawan Tamu	1
Language Instructors	29
Tutors	5
Visiting Tutors	1
Teaching Engineers	148

** Total of Academic Staff is 932 or 45% from overall Staff*

Adjunct Professors (21) Certified Engineers (12)

Table 10.3: Total Number of Non-Academic Staff *

Level	Total
Officers (Grade 41 and above)	224
Technical Staff (in Learning Centres)	110
Technical Staff (other departments)	77
Others	727

** Total of Non-Academic Staff is 1,138 or 55% from overall Staff*



ACADEMIC STAFF

Table 10.4: Number of Staff According to Category

Category	Total
Permanent	1,187
Contract	836
Part-Time	25
Special Schemes University	22
TOTAL	2,070

Table 10.5: Lecturers Qualification By School and Department

No.	School/Department	Ph.D	Masters	Total	% Ph.D
1.	School of Environmental Engineering	16	31	47	34.0
2.	School of Material Engineering	38	36	74	51.4
3.	School of Bioprocess Engineering	16	22	38	42.1
4.	School of Computer and Communication Engineering	31	39	70	44.3
5.	School of Mechatronic Engineering	35	55	90	38.9
6.	School of Microelectronic Engineering	27	30	57	47.4
7.	School of Manufacturing Engineering	14	43	57	24.6
8.	School of Electrical System Engineering	19	63	82	23.2
9.	School of Business Innovation and Technopreneurship	12	48	60	20.0
10.	Centre for Communication Technology and Human Development	13	25	38	34.2
11.	Faculty of Engineering Technology	16	38	54	29.6
12.	Institute of Engineering Mathematics	9	38	47	19.1
13.	Institute of Nano Electronic Engineering	7	2	9	77.8
14.	Chancellery	1	0	1	100.0
15.	Centre for International Language	4	19	23	17.4
16.	Student Affairs and Alumni Department	1	0	1	100.0
17.	Publication Unit	0	1	1	0
TOTAL		259	490	749	34.6%



“QS Stars also recognizes UniMAP as a university that is balanced and this has been proven by a three-star rating based on aspects of graduate employability, internationalization as well as cultural and community engagement. The rating by QS Stars is not the end instead it is the starting point for a long journey and UniMAP will continue to strive to achieve a five-star rating next, so as to be among the 500 best universities in the world by 2020.”

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin



QS STARS EVALUATION VISIT
Photo: Mohd Faisal Abu Hassan

EXTERNAL EXAMINERS AND ACADEMIC ADVISORS

11



EXTERNAL EXAMINERS AND ACADEMIC ADVISORS

Table 11.1: List of Local and Foreign Experts and Academic Advisors by Schools

Schools/ Bachelor of Engineering (Hons)	EE	AA	Name/Organization
School of Microelectronic Engineering	◆		Prof. Dr Razali Ismail Universiti Teknologi Malaysia
	◆		Dat o' Prof. Dr. Zainul Abidin Md. Shariff Universiti Tenaga Malaysia
	◆		Prof. Jugdut (Jack) Singh La Trobe University Melbourne, Australia
	◆		Prof. Dr. Hj Mohamed Khalil Mohd Hani Universiti Teknologi Malaysia
	◆		Prof. Dr. Abu Bakar Mohammad Universiti Teknologi Malaysia
	◆		Prof. Cornelis Hendrik de Groot University of Southampton, England
	◆		Associate Prof. Dr. Salwani Mohd Daud Universiti Teknologi Malaysia
	◆		Prof. Dr. Mohd Alaudin Mohd Ali Universiti Kebangsaan Malaysia
	◆		Professor Darren M. Bagnal
	◆		Dr. Mansoor Alam The University of Toledo, Ohio, USA
School of Computer and Communications Engineering	◆		Prof. Dr. Kazi Mohiuddin Ahmed Asian Institute of Technology, Thailand
	◆		Prof. Dr. Dino Isa University of Nottingham (Malaysian Campus)
		◆	Dato' Prof. Dr. Ir. Zainul Abidin Md Shariff Universiti Tenaga Nasional
	◆		Professor Ir. Dr. Marzuki Mustafa Universiti Kebangsaan Malaysia
	◆		Professor Lakhmi C Jain University Of South Australia
	◆		Professor Dr. Mohd Adzir Mahdi Universiti Putra Malaysia
	◆		Prof. Peter S Hall The University of Birmingham
	◆		Prof. Dr. Kasmiran Jumari Universiti Kebangsaan Malaysia



EXTERNAL EXAMINERS AND ACADEMIC ADVISORS

Schools/ Bachelor of Engineering (Hons)	EE	AA	Name/Organization
School of Material Engineering	◆		Prof. Dr. Hj. Zainal Ariffin Hj. Ahmad Universiti Sains Malaysia
	◆		Prof. Dr. Azman Hassan Universiti Teknologi Malaysia
	◆		Prof. Dr. Esah Hamzah Universiti Teknologi Malaysia
	◆		Prof. Ir. Dr. Mohamad Nor Berhan Universiti Teknologi Malaysia
	◆		Prof. Ir. Dr. Mariatti Jaafar @ Mustapha Universiti Sains Malaysia
School of Mechatronic Engineering	◆		Prof. Dr. Gamini Dissanayake University of Technology Sydney, Australia
	◆		Prof. Dr. Mohd Nasir Tamin Universiti Teknologi Malaysia
	◆		Prof. Eiji Tomita Okayama University, Japan
	◆		Professor Dr. Ahmad Kamal bin Mohd Ihsan Universiti Kebangsaan Malaysia
	◆		Prof. Ir. Dr. Sheikh Hussain Sheikh Salleh Universiti Teknologi Malaysia
School of Manufacturing Engineering	◆		Associate Professor Dr. Soullis Tavrout Swinburne University of Technology Melbourne
	◆		Prof. Dr. Zahari Taha Universiti Malaysia Pahang
	◆		Prof. Datin Dr. Napsiah Ismail Universiti Putra Malaysia
	◆		Prof. Dr. Shamsuddin Sulaiman Universiti Putra Malaysia
School of Electrical System Engineering	◆		Prof. Ir Dr. Norman Mariun Universiti Putra Malaysia
	◆		Prof. Dr. Subhash Bhatia Universiti Sains Malaysia
		◆	Prof. Dr. Dalibor Stys Institute of Physical Biology, University of South Bohemia
	◆		Prof. Dr. Hj. Badri Abu Bakar Universiti Kuala Lumpur (British Malaysia Institute)

◆ (EE) External Examiners ◆ (AA) Academic Advisors



EXTERNAL EXAMINERS AND ACADEMIC ADVISORS

Schools/ Bachelor of Engineering (Hons)	EE	AA	Name/Organization
School of Electrical System Engineering	◆		Prof. Lalit Kumar Goel Nanyang Technological University
	◆		Prof. Ir. Dr. Abdul Halim Mohamed Yatim Universiti Kebangsaan Malaysia
School of Bioprocess Engineering		◆	Prof. Dr. Md. Ghazaly Shaaban Universiti Malaya
	◆		Prof. Ir. Dr. Mohd Sobri Takriff Universiti Kebangsaan Malaysia
School of Environmental Engineering	◆		Prof. Dr Mohammed Dahlan Ibrahim Universiti Malaysia Kelantan
	◆		Dr. Nur Adiana Hiau Abdullah Universiti Utara Malaysia
	◆		Prof. Dr. John R. Schermerhorn College Of Business, Ohio University
	◆		Associate Prof. Dr. Mohd Hassan Mohd Osman Universiti Teknologi Malaysia
School of Business Innovation and Technopreneurship	◆		Prof. Dr. Mohd Khairuddin Hashim Universiti Utara Malaysia
		◆	YBhg. Prof. Dr. Rushami Zien Yusoff Universiti Utara Malaysia
Microelectronic Engineering (DiplomaProgramme)	◆		Associate Prof. Dr. Razali Ismail Universiti Teknologi Malaysia
Mechatronic Engineering (Diploma Programme)	◆		Associate Prof. Dr. Rosbi Mamat Universiti Teknologi Malaysia
Manufacturing Engineering (Diploma Programme)	◆		Dr. Ahmad Majdi Abdul Rani Universiti Teknologi Petronas
Electrical Engineering (Diploma Programme)	◆		Associate Prof. Dr. Ismail Musirin Universiti Teknologi MARA
School of Business Innovation and Technopreneurship		◆	Prof. Ciaran O' Cathain Athlone Institute of Technology Ireland
School of Microelectronic Engineering			Dr. Watnabe Masahide (Adjunct Prof.) Ir. Dr. Hor Por Jin (Adjunct Prof.)
School of Electrical System Engineering			Dr. Ahmad Jaafar Abd Hamid (Adjunct Prof.)
School of Material Engineering			Dr. Clement L. Higginbotham (Adjunct Prof.)
School of Environmental Engineering			Dr. Ir. Abdul Aziz Arshad (Adjunct Prof.) Tan Sri Jamilus Md. Husin



EXTERNAL EXAMINERS AND ACADEMIC ADVISORS

Schools/ Bachelor of Engineering (Hons)	EE	AA	Name/Organization
School of Human Development and Techno-Communication (iKOM)			YBhg. Dr. Haji Juanda Haji Jaya (Prof. Adjunct)
			Datuk Dr. Shamsul Amri Baharuddin (Prof. Adjunct)
			Dato' Dr. Ismail Alias (Prof. Adjunct)
			YBhg. Dato' Mohamad Zabidi bin Zainal (Prof. Adjunct)
			Dato' Mohd Noor Abdullah (Prof. Adjunct)
			Prof. Dato' Dr. Haji Ahmad Sabirin Dato' Arshad (Prof. Adjunct)
			YBhg. Dato' Mohd Noor Abdullah (Prof. Adjunct)
School of Business Innovation and Technopreneurship			Profesor Dr. Teng Kee Tan (Prof. Adjunct)
			YBhg. Dato Ismail Bakar (Prof. Adjunct)
			YBhg. Dato Yusof Jusoh (Prof. Adjunct)
			Prof. Dato' Dr. Sheikh Omar Abdul Rahman (Prof. Adjunct)
			En. Baharudin Abd. Majid (Prof. Adjunct)
			Mr. Helmut Batton (Prof. Adjunct)
			Professor Dr. Li Choy Chong (Prof. Adjunct)
			YBhg. Dato' Seri Dr. Md Isa Sabu (Prof. Adjunct)
			YBhg. Lt.Jen. Dato' Wira Haji Zulkifli Haji Zainal Abidin (Prof. Adjunct)
			Tan Sri Dr. Mohd Shukor Hj Mahfar
Institute of Strategies Studies, Leadership and Community			YM Dato' Raja Arif Raja Ali
			YBhg. Dato' Fuad bin Tan Sri Hassan

◊ (EE) External Examiners

◊ (AA) Academic Advisors



“UniMAP is the first public university in the country that has received a rating, which was conferred based on an evaluation in eight categories: teaching, graduate employability, research, internationalization, facilities, engagement, culture and accreditation. This standing is another significant achievement for the engineering-based university, which was established seven years ago. A three-star rating is usually awarded to universities which are more than 20 years old.”

The 3-star rating by QS Intelligence



QS STARS EVALUATION VISIT
Photo: Mohd Faisal Abu Hassan

**VISITING
LECTURERS**

12



VISITING LECTURER

Table 12.1: List of Visiting lecture for Semester 2 2013/2014 Academic Session

No	Name	Organization
1.	Major Ir. Hj. Kamarulzaman Hj. Musa	KLIA Professional & Management Collage
2.	Encik Badlishah Baharom	RCI LIME Sdn. Bhd
3.	Dr. Eng Aik Hwee	Ansell Shah Alam Sdn. Bhd
4.	Dr. Tan Boon Hua	MYBiomass Sdn. Bhd
5.	Encik Abdul Rahman Hariri	Winmore Engineering
6.	Encik Wan Siew Wah	INTECSEA
7.	Ir. Juares Rizal Abd Hamid	MECIP (M) Sdn. Bhd
8.	Ir. Mukhtar Che Ali	Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB)
9.	Dr. Zulkifli Ab. Rahman	MPOB
10.	Dr. Salleh Punan	MARDI
11.	Ir. Oii Ho Seng	SGT Konsult Sdn. Bhd
12.	Ir. Abdul Haris Mohammad Salleh	IK Consult Sdn. Bhd
13.	Ir. Nimi Ahmad	IH Consultant
14.	Ir. Hamizan Hamzah	Jabatan Kerja Raya Perlis
15.	Ir. Mohamad Adha Yahaya	Jabatan Pengairan dan Saliran Malaysia
16.	Prof. Madya. Dr. Rosli Ahmad	Universiti Tun Hussein Onn Malaysia



ENTREPRENEURSHIP FORUM
Photo: Mohd Faisal Abu Hassan

ACADEMIC
CALENDAR

13



ACADEMIC CALENDAR

Table 13.1: Academic Calendar 2014/2015 Session For Diploma Programmes

1 st SEMESTER 16 June 2014 – 21 October 2014 (18 Weeks)				
ACTIVITIES	DATE		PERIOD	NOTES
Registration New Intake & Orientation	8 June 2014	13 June 2014	8 Day	SUKMA 24 May 2014 (Saturday) 4 June 2014 (Wednesday)
Lecture	16 June 2014	27 July 2014	6 weeks	Nuzul Al-Quran 15 July 2014 (Tuesday)
Mid Semester Break	28 July 2014	3 August 2014	1 week	Hari Raya Aidilfitri 28 & 29 July 2014 (Monday & Tuesday)
Lecture	4 August 2014	28 September 2014	8 weeks	National Day 31 August 2014 (Sunday) Malaysia Day 16 Sept 2014 (Tuesday) UniMAP Convocation 27 & 28 September 2014 (Saturday & Sunday)
Revision Week	29 September 2014	5 October 2014	1 weeks	Hari Raya Qurban 5, 6 & 7 October 2014 (Sunday, Monday & Tuesday)
Examination Week	8 October until 21 October 2014		2 weeks	-
2 nd SEMESTER 24 November 2014 – 5 April 2015 (18 Weeks)				
ACTIVITIES	DATE		PERIOD	NOTES
Lecture	24 November 2015	11 January 2015	7 week	Chrismas Day 25 Disember 2014 (Thursday) Maulidur Rasul 3 January 2015 (Saturday)
Mid Semester Break	12 January 2015	18 January 2015	1 week	-
Lecture	19 January 2015	8 March 2015	7 week	Chinese New Year 19 & 20 February (Thursday & Friday)
Revision Week	9 March 2015	15 March 2015	1 Week	-
Examination Week	16 March 2015	29 March 2015	2 week	-
Semester Break	30 March 2015	7 June 2015	10 weeks	Labour Day 1 May 2015 Hari Keputeraan DYMM Tuanku Raja Perlis 17 May 2015 Hari Keputeraan SPB Yang Di-Pertuan Agung 7 June 2015

Note: 3rd Year students will go industrial training (LI) in the final year Semester II



ACADEMIC CALENDAR

Table 13.2: Academic Calendar 2014/2015 Session For Degree Programmes

1 st SEMESTER 8 th September 2014 – 18 th January 2015 (19 Weeks)				
ACTIVITIES	DATE		PERIOD	NOTES
Registration New Intake / Orientation	1 st September 2014	7 th September 2014	5 days	-
Lecture	8 th September 2014	19 th October 2014	6 weeks	Malaysia Day 16 th September 2014 UniMAP Konvokesyen 27 th September & 28 th September 2014 Hari Raya Aidiladha 5 th October, 6 th ang 7 th October 2014
Mid Semester Break	20 th October 2014	26 th October 2014	1 week	Deepavali 23 rd October 2014 Awal Muharam 25 th October 2014
Lecture	27 th October 2014	21 st December 2014	8 weeks	-
Revision Week	22 nd December 2014	28 th December 2014	1 week	Christmas 25 th December 2014
Examination Week	29 th December 2014	18 th January 2015	3 weeks	Maulidur Rasul 3 rd January 2015
Semester Break	19 th January 2015	15 th February 2015	4 weeks	-

2 nd SEMESTER 16 Februari 2015 – 28 Jun 2015 (19 Weeks)				
ACTIVITIES	DATE		PERIOD	NOTES
Lecture	16 th February 2015	5 th April 2015	7 Weeks	Chinese New Year 19 th February 2015 - 20 th February 2015 Additional leave for all UniMAP students for Chinese New Year is from 16 th February to 18 th February 2015, all academic activities must be replaced. Official Class/lecture will start on 23 rd February 2015
Mid Semester Break	6 th April 2015	12 th April 2015	1 Weeks	-
Lecture	13 th April 2015	31 st May 2015	7 Weeks	Labour Day 1 st May 2015 Wesak Day May 2015 Israk Mikraj 16 th May 2015 Birthday of DYMM Tuanku Raja Perlis 17 th May 2015
Revision Week	1 st June 2015	7 th June 2015	1 Weeks	Birthday of SPB Yang Di-Pertuan Agung 6 th June 2015 Nuzul Al-Quran 4 th July 2015
Examination Week	8 th June 2015	28 th June 2015	3 Weeks	-
Semester Break / Industrial Training	29 th June 2015	6 th September 2015	10 Weeks * Industrial Training	Hari Raya Aidilfitri 18 th July 2015 & 19 th July 2015



“Through education, we can produce an entrepreneur who is capable of transforming a less productive economic source into a powerhouse.”

Brig. Jen. Datuk Prof. Dr. Kamarudin Hussin
The Vice Chancellor's keynote address 2014



ENTREPRENEURSHIP FORUM
Photo: Mohd Faisal Abu Hassan

STUDENT
ENROLMENT

14



STUDENT ENROLMENT

NUMBER OF STUDENTS REGISTERED FOR DEGREE AND DIPLOMA PROGRAMME 2013/2014 ACADEMIC SESSION

LOCAL STUDENT

YEAR 2013

36 Degree Programmes (Total: **2,736** students)

- STPM Leavers: **628** students
- Matriculation Leavers: **1,542** students
- Diploma Holders: **566** students

6 Diploma Programmes (Total: **472** students)

- SPM Leavers: **463** students
- Certificate Holders: **9** students

Total **3,208** students (Degree and Diploma Programme)

NUMBER OF STUDENTS REGISTERED FOR DEGREE AND PREPARATORY PROGRAMMES 2013/2014 ACADEMIC SESSION

YEAR 2013

36 Degree Programmes (Total: **367** students)

1 Preparatory Programmes – English Courses (Total: **33** students)

Total **400** Students (Degree and Preparatory Programme)



STUDENT ENROLMENT

ENROLMENT OF UNDERGRADUATE STUDENTS - DIPLOMA: 994 STUDENT (ACADEMIC SESSION 2013/2014)

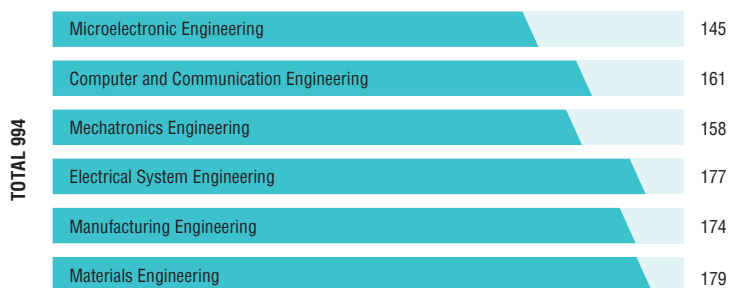


Figure 14.1: Enrolment of Diploma Students According to School

ENROLMENT OF UNDERGRADUATE STUDENTS - DEGREE: 7,649 STUDENT (ACADEMIC SESSION 2013/2014)

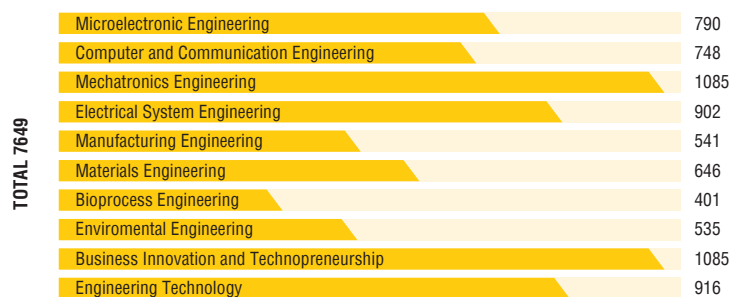


Figure 14.2: Enrolment of Bachelor's Degree Students According to School



STUDENT ENROLMENT

ENROLMENT OF INTERNATIONAL BACHELOR'S DEGREE STUDENTS ACCORDING TO SCHOOL: 381 STUDENTS (ACADEMIC SESSION 2013/2014)

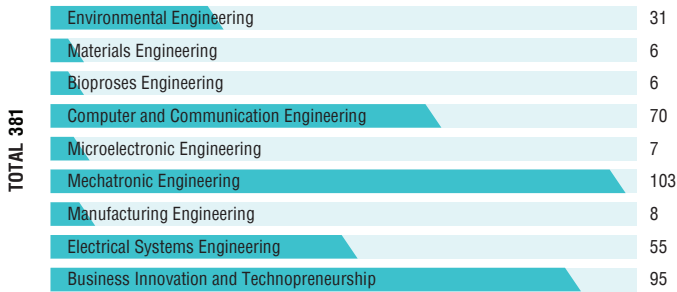


Figure 14.3: Enrolment of International Bachelor's Degree Students According to Schools

ENROLMENT OF MASTERS DEGREE STUDENTS ACCORDING TO SCHOOL: 632 STUDENTS

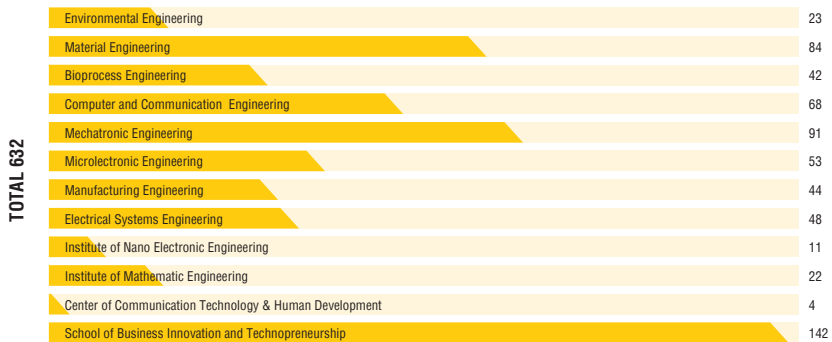


Figure 14.4: Enrolment of Master's Degree Students According to School



STUDENT ENROLMENT

ENROLMENT OF DOCTOR OF PHILOSOPHY (Ph.D) ACCORDING TO SCHOOL: 394 STUDENTS

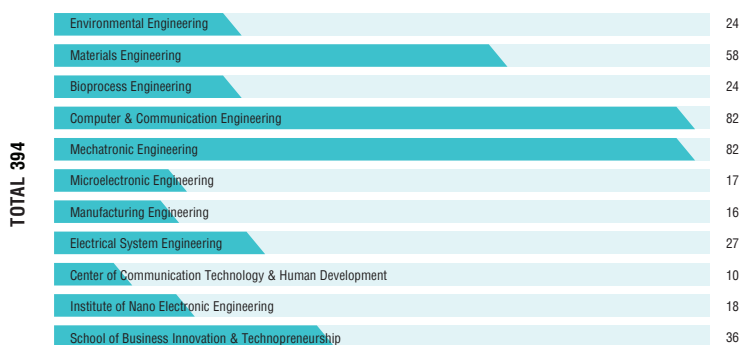


Figure 14.5: Enrolment of Doctor of Philosophy (Ph.D) According to School



“If you want to be remembered as the leader of a renowned institution of higher learning, brothers and sisters, you are compelled to elevate and give prominence to the name of the institution that you are leading to global acclaim, and to enhance its rating and ranking to the highest level.”

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin
The Vice Chancellor's keynote address 2014



MESSAGE BY THE HONOURABLE MINISTER OF EDUCATION
Photo: Mohd Faisal Abu Hassan

STUDENT ENROLMENT PROJECTION

15

STUDENT ENROLMENT PROJECTION

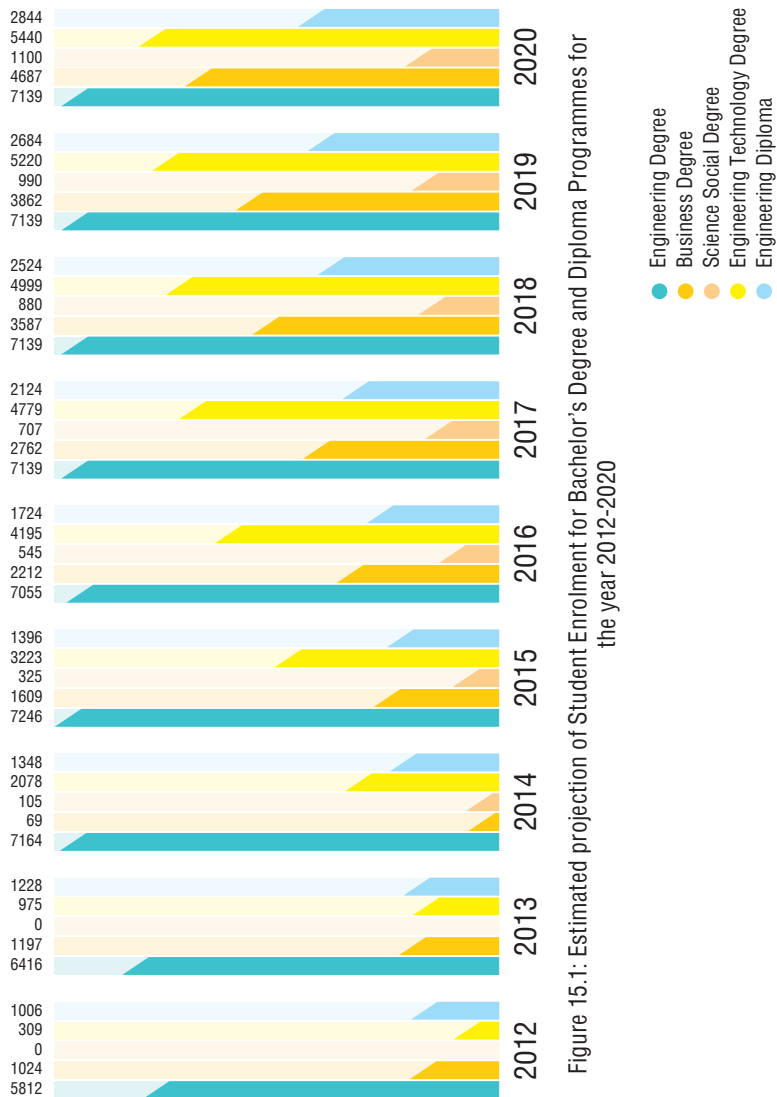


Figure 15.1: Estimated projection of Student Enrolment for Bachelor's Degree and Diploma Programmes for the year 2012-2020



SCHOOL OF ELECTRICAL SYSTEM ENGINEERING, PAUH PUTRA CAMPUS
Photo: Mohd Faisal Abu Hassan

**UniMAP
CAMPUS**

16

UniMAP CAMPUS

Table 16.1: UniMAP Distributed Campus Location by Department

Location	Department
KWSP Building, Kangar	Chancellory Department: Vice Chancellor Office , Deputy Vice Chancellor (Academic & International) Office, Deputy Vice Chancellor (Research & Innovation) Office, Deputy Vice Chancellor (Student Affairs and Alumni), Assistant Vice Chancellor (Corporate Communication) Office, Registrar Department, Media Unit, Internal Audit Unit, Legal Unit, Library, Centre for Research Management and Development and Seminar Room
TNB Building, Kangar	Bursary Department
Jalan Bukit Lagi, Kangar	Development Department, Store (Registrar Department)
Taman Kechor Indah Fasa II, Kangar	Centre for International Affairs, Sustainable Development Unit, UniMAP Holdings Sdn. Bhd. Office, Senate Meeting Room and Seminar Room
Pengkalan Indah Building, Kangar	Cultural and Recreation Unit and Research Cluster
KIK Building, Kangar	Security Department
Jln. Penjara, Kangar	Kapitol Hall
Jln. Raja Syed Alwi, Kangar	Properties Management Unit and Mechanical Unit (Development Department)
Taman Aman & Wang Ulu, Bintong	International Residential College, Tan Sri Aishah Ghani Residential College (KKG) and Clinic
Education Centre Complex Jejawi I	School of Human Development and Techno Communication (iKOM)
Education Centre Complex Jejawi II	School of Material Engineering, Centre of Excellence Geopolymer and Green Technology (CEGeoGTech), Centre of Excellence Advanced Sensor Technology (CEASTech), Halls and Lecture Rooms and labs.
Education Centre Complex Jejawi III	School of Bioprocess Engineering, School of Environmental Engineering, Labs, Halls and Lecture Rooms
Kubang Gajah	Centre for Information and Communication Technology, PALAPES, University House, UniMAP Gallery, Corporate Communication Unit, SUKSIS, RELASIS, Labs, Halls and Lecture Rooms
Taman Semarak, Kuala Perlis	Tun Dr. Ismail Residential College (KKE), Halls and Lecture Rooms
Taman Bukit Kubu Jaya, Jalan Sarawak, Kuala Perlis	Counseling Centre, Student Affairs and Alumni Department, Labs, Halls and Lecture Rooms
Automart, Kuala Perlis	Semiconductor Clean Room, AMBIENCE Industry Centre of Excellence, Halls and Lecture Rooms
Taman Seberang Jaya, Kg. Wai, Kuala Perlis	Tun Hussein Onn Residential College (KKC), Tun Dr. Mahathir Residential College (KKD), Engineering Laboratory Complex , Multipurpose Hall and Clinic
Taman Seberang Ramai, Kg. Wai, Kuala Perlis	Tun Ghafar Baba Residential College (KKF), Residential Colleges Head Office, Diploma Programme Unit, Labs, Halls and Lecture Rooms
Taman Mewah, Kangar	Pewaris Generasi Nursery UniMAP



UniMAP CAMPUS

Location	Department
Sungai Chuchuh Campus	Institute of Sustainable Agrotechnology (INSAT) Office, Labs and Lecture Halls, 14 acres of land for Agrotechnology Station
Floor 26, Menara Dato' Onn (PWTC), Jalan Tun Ismail, 50480 Kuala Lumpur	Anjung UniMAP Kuala Lumpur
Taman Pertiwi Indah, Seriab, Kangar	Multimedia Unit, Centre for Graduate Studies, Occupational Safety and Health Unit, Institute of Strategic, Leadership & Community, Centre for Corporate Development and Quality Management, Institute of Nanoelectronic Engineering, Publication Unit, Research Cluster, Accreditation and Quality Unit (UNIKA), Centre for Malaysian Royal Institutional Studies and Seminar Rooms
Pauh Putra Campus, Ulu Pauh	Project Management Unit (Development Department), School of Mechatronic Engineering, School of Manufacturing Engineering, School of Microelectronic Engineering, School of Electrical System Engineering, School of Computer and Communication Engineering, Library, Sports Complex and Lecture Halls Complex, Institute of Mathematic Engineering, Engineering Centre, Teaching Factory Labs, Centre for Industrial Collaboration (CIC), Store (Development Department), Tunku Abdul Rahman Residential College (KKA), UniMAP Circuit (Go-Cart), Health Centre, Exam Hall and Data Centre
Suite 1.10, 1st Floor KHTP Business Centre Kulim Hi-Tech Park	Anjung UniMAP Kulim
Education Centre Complex Jejawi IV	Centre for Entrepreneurship Development, Commercialisation and Intellectual Properties Management, Centre for Co-curriculum, Professor's Council Office, Lecture Room and Labs
Kuarters Institusi Pendidikan Simpang Empat	Tun Abdullah Ahmad Badawi Residential College (KKI)
Taman Pengkalan Asam, Kangar	Centre for International Languages, Language Lab and Lecture Rooms
Taman Haz Melati, Besei No. 30, 32 & 34, Jalan Besar, Kuala Perlis	School of Bioprocess Engineering
Chalet Mukim Kurong Tengar	Islamic Centre
Pusat Perniagaan Pengkalan Jaya, Kangar	Guest House
Taman Ira Jaya, Kangar	School of Business Innovation and Technopreneurship (PPIPT)
Taman Seri Bahagia, Kangar	Tun Abdul Razak Residential College (KKB)
Workers' Hostels Pauh	Tun Abdul Razak Residential College (KKB)
UNICITI Alam Campus	Tunku Abdul Rahman Residential College (KKA)
	Faculty of Engineering Technology, UNICITI Alam Residential College, Clinic, Halls and Lecture Rooms

Updated: June 2014

Source: Development Department



“

This is the University's second international award of the year. "The Bizz 2014" Award will assist UniMAP to continue to grow as a company, enhance trade relations, generate more business and strengthen its corporate image in the world arena.

”

Brig. Jen. Datuk Prof. Dr. Kamarudin Hussin



ENTREPRENEURSHIP FORUM
Photo: Mohd Faisal Abu Hassan

2006-2013 GRADUATE (ALUMNI) BY PROGRAMMES

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2006-2013 GRADUATE (ALUMNI) BY PROGRAMMES

Table 17.1 Statistics Of Graduate Employability 2006-2013

Statistics Of Graduate Employability 2006-2013										
No.	Programmes	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
1.	Mechatronic Eng.	0	51	59	79	72	73	90	139	563
2.	Mechanical Eng.	0	0	0	63	69	71	73	87	363
3.	Biomedical Electronic Eng.	0	0	0	0	58	65	78	85	286
4.	Manufacturing Eng.	0	63	69	74	71	70	64	123	534
5.	Product Design Eng.	0	0	0	47	64	38	33	48	230
6.	Bioprocess Eng.	0	0	0	0	31	49	56	65	201
7.	Biosystem Eng.	0	0	0	0	0	0	34	34	68
8.	Environment Eng.	0	0	0	0	46	56	69	76	247
9.	Building Eng.	0	0	0	0	0	0	62	62	124
10.	Microelectronic Eng.	59	53	71	67	65	62	69	111	557
11.	Electronic Eng.	0	38	81	70	68	71	84	77	489
12.	Photonic Eng.	0	0	0	0	0	0	34	44	78
13.	Computer Eng.	48	42	57	61	53	64	76	106	507
14.	Computer Network Eng.	0	0	0	0	0	0	0	46	23
15.	Communication Eng.	0	65	61	65	66	53	62	35	407
16.	Electrical System Eng.	0	65	58	64	74	80	84	113	538
17.	Electronic Industrial Eng.	0	60	67	67	69	66	60	65	454
18.	Electrical Energy Systems Eng.	0	0	0	0	0	0	0	0	0
19.	Material Eng.	0	64	61	55	62	71	73	68	454
20.	Matellurgy Eng.	0	53	61	39	42	33	53	79	360
21.	Polymer Eng.	0	0	0	0	0	31	67	43	141
22.	International Business		0	0	0	0	0	148	151	299
23.	Eng. Entrepreneurship	0	0	0	0	0	0	136	147	283
Total		107	554	645	751	910	953	1505	1804	
Status	Multinational Company	43	130	178	170	297	256	515	493	2082
	Local Company & GLC	26	222	228	130	159	250	295	438	1748
	Government Agency	8	55	65	24	27	25	25	68	297
	Further Study	21	31	42	88	90	92	110	312	786
	Training/Self-Employed/Others	9	48	37	99	115	88	252	250	898
Graduate Employability (6 Months Measurement)		100%	88%	85%	68%	76%	75%	80%	87%	



2006-2013 GRADUATE (ALUMNI) BY PROGRAMMES

GRADUATE MARKETABILITY (6 MONTH MEASUREMENT AFTER GRADUATION)

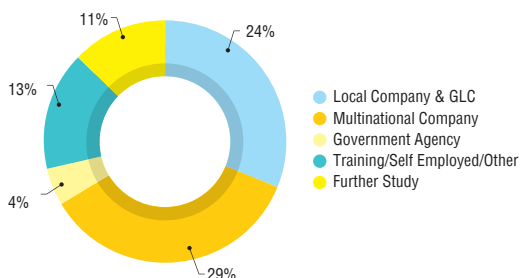


Figure 17.1: Percentage of Graduate Marketability in Six Month Period after Graduation (2006-2013)

GRADUATE EMPLOYABILITY (6 MONTH MEASUREMENT AFTER GRADUATION)

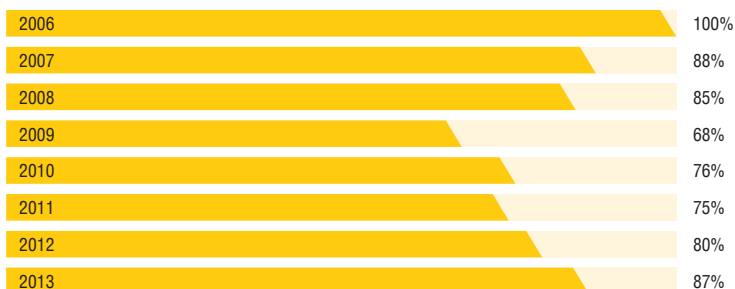


Figure 17.2: Graduate Employment Status in Six Month Period after Graduation (2006-2013)

Note: Data for Percentage of Graduate Employability was measured within 6 months after graduation Centre of Industrial Collaboration/CAP Graduate Employability-31 December 2013

Updated: June 2013
Source: Centre of Industrial Collaboration



“Urge as well as encourage you, brothers and sisters to organize and also attend entrepreneurship courses, with the intention that all of us possess entrepreneurial mindsets, which constantly ‘seek’, ‘smell’, and ‘sense’ opportunities and subsequently, employ our cognitive abilities to seize and shape these opportunities which are present anywhere into something productive.”

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin
The Vice Chancellor's keynote address 2014



BUMN MINISTER OFFICE, INDONESIA
Photo: Mohd Faisal Abu Hassan

**RECIPIENTS OF THE HONORARY
DOCTORATE AWARD**

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RECIPIENTS OF THE HONORARY DOCTORATE AWARD

Table 18.1: Recipients of Honorary Doctorate

CONVOCATION CAREMONY	NAMES OF RECIPIENTS	DATE OF CONFERMENT
Commemorate Convocation	YAB Dato' Seri Dr. Shahidan Kassim Honorary Doctorate of Management (Hon.D.Mgt.)	17 July 2004
First Convocation	YBhg. Tan Sri Dato' Musa Mohamad Honorary Doctorate of Sciences (Hon.D.Sc.)	22 July 2006
Second Convocation	YBhg. Dato' Ramli Abbas Honorary Doctorate of Management (Hon.D.Mgt.)	18 August 2007
Third Convocation	YBhg. Prof. Emeritus Tan Sri Dato' Dr. Syed Jalaludin Syed Salim Honorary Doctorate of Engineering (Hon.D.Eng.)	16 August 2008
Fourth Convocation	YBhg. Dato' Prof. Dr. Hassan Said Honorary Doctorate of Sciences (Hon.D.Sc.)	15 August 2009
	Profesor Karl Kohlhof Honorary Doctorate of Engineering (Hon.D.Eng)	15 August 2009
Fifth Convocation	-	-
Special Convocation	YABhg. Tun Dr. Mahathir Mohamad Distinguished Honorary Doctorate of Engineering (Hon.D.Eng)	17 March 2011
	YABhg. Tun Dr. Siti Hasmah Mohd Ali Distinguished Honorary Doctorate of Sciences (Hon.D.Sc.)	
Sixth Convocation	YBhg. Tan Sri Dr. Zulkefli A. Hassan Honorary Doctorate of Management (Hon.D.Mgt.)	17 September 2011
	Dr. R. Vasant Kumar Honorary Doctorate of Engineering (Hon.D.Eng)	
	Mohd Parid Sulaiman Honorary Master of Engineering (Hon.M.Eng)	



RECIPIENTS OF THE HONORARY DOCTORATE AWARD

CONVOCATION CAREMONY	NAMES OF RECIPIENTS	DATE OF CONFERMENT
Seventh Convocation	YBhg. Academician Tan Sri Profesor Emeritus Datuk Dr. Augustine Ong Soon Hock Honorary Doctorate of Sciences (Hon.D.Sc.)	29 September 2012
	YAB Tun Ahmad Sarji Abdul Hamid Honorary Doctorate of Management (Hon.D.Mgt.)	
	Professor Ciarán Ó Catháin Honorary Doctorate of Management (Hon.D.Mgt.)	
	YBhg. Tuan Haji Annuar Mohd Saffar Honorary Master of Engineering (Hon.M.Eng)	
Special Convocation	Professor Sir Anthony James Leggett Honorary Doctorate of Science (Hon.D.Sc.)	14 Januari 2013
Eighth Convocation	YBhg. Tan Sri Dato Haji Zainul Ariff bin Haji Hussain Honorary Doctorate of Management (Hon.D.Mgt.)	21 September 2013
	YBhg. Dato' Yusof Jusoh Honorary Doctorate of Engineering (Hon.D.Eng)	
	YBhg. Datuk Zakiah Hanum Haji Abdul Hamid Honorary Doctorate of Letters (Hon.D.Litt)	22 September 2013
Special Convocation	Yang Terhormat Bapak Dahlan Iskan Honorary Doctorate of Letters (Hon.D.Litt)	24 April 2014

Updated: June 2014
Source: Senate Unit



“If you want to be an outstanding researcher, you need to present and publish your research findings in the international arena so that the world community can benefit from it.”

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin
The Vice Chancellor's keynote address 2014



VISIT FROM DYMM RAJA PERLIS TO TUANKU SYED FAIZUDDIN PUTRA LIBRARY

Photo: Mohd Faisal Abu Hassan

RESEARCH
AND INNOVATION

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Tadual 19.1: Source and Type Of Research Grants For the Period of 2005 – May 2014

No	Type of Grant	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total (RM)	Project No
2	ERSS	392,140	1,712,000	4,148,226	1,170,100	722,546	3,861,930	1,903,213	2,975,000	4,943,555		22,042,228	408
3	PRGS							923,200	1,158,635	982,800		3,076,635	37
4	LRGS							822,700	696,000	912,000		2,430,700	14
5	RACE							450,000				450,000	1
6	RAGS								271,350		926,280	1,197,630	25
7	Sciencefund		1,405,500	5,249,912	1,655,390	640,106	170,510	610,000	1,800,000	1,799,972		3,999,972	70
8	Nanofund							921,000	997,910	1,020,917	112,000	11,882,245	62
9	Short Term Grant		606,020	30,000	514,482	736,800	1,086,000	1,138,050	32,200	483,502	437	2,592,942	19
10	KTP	243,000						418,160	1,235,782	939,000		1,456,820	10
11	MOA					1,254,820	202,000					3,058,890	3
12	IRPA	253,000										59,880	2
13	PMB				59,880							2,607,300	6
14	Geran Khas KPT				350,000	170,000	27,300	160,000		1,900,000		399,000	1
15	Bio Nexus					399,000						209,000	1
16	Yayasan FELDA		209,000									61,500	1
17	Astronautic		61,500									90,000	1
18	Unisel (MOSTI)				90,000							150,000	1
19	USM-Unimap (MOSTI)				150,000							25,000	1
20	Pusat Zakat P. Pinang				25,000							810,298	25
21	Kump. Wang Penyelidikan Khas (Unimap)					120,000	189,360	255,238	180,000	215,700	30,000	955,000	111
22	Tubung Insentif Jurnal						135,000	165,000		44,500	30,000	60,000	6
23	Insentif SLAB/ SLAI							20,000		40,000		885,000	59
24	SEED Money								885,000			3,284,420	4
25	KACST						1,500,000			1,784,420		25,000	1
26	UNESCO						25,000					1,255,862	3
27	MOA Technofund						432,500	823,362				150,000	1
28	Cradle Fund							160,000	20,000	20,000	18,000	60,000	3
29	Lorail							20,000	15,000			83,000	3
30	MTSF (Toray)							2,270,000				2,270,000	1
31	Sitera NCA							421,500				951,799	1
32	Suruhanjaya Komunikasi & Multimedia							421,500				50,000	1
33	Jab. Ketua Menteri Sarawak							951,799				1,184,600	13
34	National Instrument								50,000			100,700	1
35	MTUN CODE							1,184,600				10,000	1
36	Swiftlet CODE								10,000			295,000	3
37	Victoria University									295,000		597,000	4
38	Geran Sukan KPT								597,000			47,500	1
39	Fundamental (Top Down)								47,500			2,900,000	1
40	CIMB Foundation								2,900,000			120,000	1
41	NCIA										80,000	30,000	1
42	Nihon Superior Japan											35,000	1
43	ANEKA Teknik Indonesia											500,000	1
44	Funilek Technology											44,600	1
45	I-Zest Technology											40,000	1
46	Kerajaan Negeri Perlis											20,000	2
47	Jab. Latihan Khidmat Negara											200,000	1
48	SME Bank												1
49	Geran Khas MTUN Showcase												1
50	KOBE Precision												1
Total/Year		886,140	3,994,020	9,428,138	4,014,952	4,043,272	7,629,610	12,445,222	12,156,777	19,237,844	1,186,280	78,362,623	1,356





RESEARCH AND INNOVATION

Table 19.2: UniMAP-Research Centre of Excellence

No.	Name	Head/ Director	Year Establishment
1.	Centre of Excellence <i>Geopolymer & Green Technology (CEGoeGTech)</i>	Brig. Gen. Datuk Prof Dr. Kamarudin Hussin	2011
2.	Centre of Excellence <i>Advanced Sensor Technology (CEASTech)</i>	Prof. Dr. Ali Yeon Md. Shakaff	2011
3.	Centre of Excellence <i>Renewble Energy (CERE)</i>	Associate Professor Dr. Mohd. Fareq Abd Malek	2011
4.	Centre of Excellence <i>Advanced Communication Engineering Centre (ACE)</i>	Prof. Dr. Syed Alwee Aljunid Syed Junid	2011
5.	Centre of Excellence <i>Advanced Multi-Disciplinary MEMS-Based Integrated Electronics NCER (AMBIENCE)</i>	Dato' Prof. Dr. Zul Azhar Zahid Jamal	2013
6.	Centre of Excellence <i>Unmanned Aerial Systems (UAS)</i>	Associate Professor Dr. Hazry Desa	2013
7.	Industry Centre Of Excellence (ICoE) Healthcare Cluster	Ir. Associate Professor Mohabattul Zaman Bukhari	2014

Table 19.3: Number of Research Assistants (RA), Research Officers (RO), Graduate Assistant (GA) and Graduate Research Assistant (GRA) 2005 – May 2014

Designation	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Research Assistants (RA)	4	37	51	69	92	21	61	55	131	127
Research Officers (RO)	3	2	3	8	12	5	9	39	77	89
Graduate Assistant (GA)	3	2	2	4	18	21	28	40	38	31
Graduate Research Assistant (GRA)	-	3	17	3	30	14	10	11	25	22
TOTAL	10	44	73	84	152	61	108	145	271	269



RESEARCH AND INNOVATION

Table 19.4: Participation Status of National and International Design and Innovation Competition for Period January – May 2014

Level	No.	Competition/ Exhibition	Date	Place	Medal			Special Award
					Gold	Silver	Bronze	
International	1.	7 th Korea International Women's Invention Exposition (KIWIE) 2014	16-19 May 2014	COEX Hall, Seoul, Korea	3	3	-	1
	2.	17 th Moscow International Salon of Inventions and Innovation Technologies	1-4 April 2014	Sokolniki Exhibition and Convention Centre, Moscow, Russia	6	4	-	5
Local	1.	Malaysia Technology Expo (MTE)	20 –22 Febuari 2014	Persada Johor International Convention Center	15	11	8	6
	2.	International Invention, Innovation, Industrial Design & Technology Exhibition (ITEX)	8 - 10 Mei 2014	Pusat Dagangan Dunia Putra (PWTC)	55	14	1	5
	3.	Pameran Pereka Cipta Muda Asia (AYIE) 2014	8 - 10 Mei 2014	Pusat Konvensyen Kuala Lumpur (KLCC)	10	3	1	-



RESEARCH AND INNOVATION

Table 19.5: Number of Published Articles by UniMAP Researchers in Journals Listed in SCOPUS Database (2003 May 2014)

	Year									Total
	2003-2006	2007	2008	2009	2010	2011	2012	2013	2014 *	
SCOPUS	56	86	157	149	235	456	699	986	336*	2978
Web of Science	12	15	33	40	56	126	255	279	80*	896

Table 19.6: List of Products That Are Patented (2009-May 2014)

No	Title Of Inventions	Name Of Inventors	School / Faculty	Registration No.	Date Of Filing	Status
1.	A Cast Product And Its Method Of Production	Prof. Madya. Mohd Ichwan Nasution	Material	PI 20090633	18 February 2009	<i>Patent Pending</i>
2.	Recyclable Construction Materials	Ragunathan a/I Santhiago	Environmental	PI 20090778	26 February 2009	<i>Patent Pending</i>
3.	A Board And Its Production Method	Suhardy Daud	Material	PI 20091352	3 April 2009	<i>Patent Pending</i>
4.	The Design Of Dielectric Loaded Helical Antenna For Local Area Network(WLAN) Application	Soh Ping Jack	Computer & Communication	PI 20091543	14 April 2009	<i>Patent Pending</i>
5.	A Method of Producing Nanowires & Product Derives Thereof	Prof. Dr. Uda Hashim	INEE	PI 20091646	23 April 2009	<i>Patent Pending</i>
6.	A Compact Planar And Highly Efficient Antenna For WLAN Application	Azremi Abdullah Al-Hadi	Computer & Communication	PI 20091675	24 April 2009	<i>Patent Pending</i>
7.	Artificial Marble	YBhg. Brig. Jen Datuk Prof. Dr. Kamarudin Hussin	Material	PI 20093237	2 August 2009	<i>Patent Pending</i>
8.	An Array Antenna For Microwave Access Application	Dr. Mohd. Fareq Abd. Malek	Electrical System	PI 2010001935	29 April 2010	<i>Patent Pending</i>



RESEARCH AND INNOVATION

No	Title Of Inventions	Name Of Inventors	School / Faculty	Registration No.	Date Of Filing	Status
9.	A Flying Apparatus For Aerial Agricultural Application	Prof. Madya. Dr. Hazry Desa	PPIPT	PI 2010002587	4 June 2010	<i>Patent Pending</i>
10.	Circular Microstrip Antenna For Wide Bandwidth Applications	Dr. Mohd Fareq Abdul Malek	Electrical System	PI 2010003005	24 Jun 2010	<i>Patent Pending</i>
11.	Solder Composition And Method Of Production Thereof	Mohd Arif Anuar Mohd Salleh	Material	PI 2011000849	25 February 2011	<i>Patent Pending</i>
12.	A Method Of Producing A Bacterial Inoculum	Mustafa Al Bakri Abdullah	Material	PI 2011000970	3 March 2011	<i>Patent Pending</i>
13.	A Vehicle Monitoring System	Hasliza bt. A. Rahim Samsudin	Computer & Communication	PI 2011001061	9 March 2011	<i>Patent Pending</i>
14.	A Visual Surveillance System	Hasliza bt. A. Rahim Samsudin	Computer & Communication	PI 2011001692	15 April 2011	<i>Patent Pending</i>
15.	Omni-Directional Antenna	Soh Ping Jack	Computer & Communication	PI 2011002482	31 Mei 2011	<i>Patent Pending</i>
16.	Pomelo Tissue Culture For Antioxidant Enrichment Health Product	Dr. Zarina Zakaria	Bioprocess	PI 2011002835	17 June 2011	<i>Patent Pending</i>
17.	A Method For Tunnel Barriers And Shrinking A Quantum Dot	Prof. Dr. Uda Hashim	INEE	PI 2011003041	24 June 2011	<i>Patent Pending</i>
18.	A Method To Manufacture A Nanowire Biosensor	Prof. Dr. Uda Hashim	INEE	PI 2011003054	29 Jun 2011	<i>Patent Pending</i>
19.	A Method To Fabricate A Nanogap In Between Electronics	Prof. Dr. Uda Hashim	INEE	PI 2011003126	4 July 2011	<i>Patent Pending</i>
20.	An Alloy And A Sacrificial Anode Produce Thereform	Mustafa Al Bakri Abdullah	Material	PI 2011001297	23 March 2011	<i>Patent Pending</i>
21.	A Method Of Detecting Presence Of Suid DNA In A Biological Sample	Prof Dr. Uda Hashim	INEE	PI 2011770163	11 November 2011	<i>Patent Pending</i>
22.	A De-Seeding Apparatus	Shayfull Zamree Abd. Rahim	Manufacturing	PI 2011700184	9 Dismember 2011	<i>Patent Pending</i>
23.	A Flying Apparatus For Aerial Agricultural Application	Prof. Madya. Dr. Hazry Desa	PPIPT	PCT/ MY2011/000067	4 June 2011	<i>Patent Pending</i>
24.	A Method Of Producing A Bacterial Inoculum	Mustafa Al Bakri Abdullah	Material	PI 2011000970	3 March 2011	<i>Patent Pending</i>



RESEARCH AND INNOVATION

No	Title Of Inventions	Name Of Inventors	School / Faculty	Registration No.	Date Of Filing	Status
25.	A Method Of Coating A Geopolymer Onto An Article	Mohd Mustafa Al Bakri Abdullah	Material	PI 2012700134	29 March 2012	<i>Patent Pending</i>
26.	A Power Switching Function Generator	Rosnazri Ali	Electrical System	PI 2012700129	28 March 2012	<i>Patent Pending</i>
27.	An Underwater Vehicle	Prof .Madya. Dr. Hazry Desa	PPIPT	PI 2012700154	4 April 2012	<i>Patent Pending</i>
28.	Transformerless Photovoltaic Inverter System	Dr. Muhammad Irwanto Misrun Irwan Yusoff	Electrical System	PI 2012700152	4 April 2012	<i>Patent Pending</i>
29.	A Container With A Locking Mechanism	Dr. Shahriman Abu Bakar	Mechatronic	PI 2012700136	30 March 2012	<i>Patent Pending</i>
30.	Natural And Synthetic Organic Surface Finish For Electronic Metallization Application	Mohd Arif Anuar Mohd Salleh	Material	PI 2012001976	4 March 2012	<i>Patent Pending</i>
31.	Solventless Essential Oil Extractor	Dr. Muhammad Syarhabil Ahmad	Bioprocess	PI 2012001977	4 Mei 2012	<i>Patent Pending</i>
32.	Novel Multi-Purpose Green Composites	Dr. Nik Noriman Zulkepli	Material	PI 2012002111	14 Mei 2012	<i>Patent Pending</i>
33.	Semiconductor Materials Based Nano Devices Of Quantum Dots For High Efficiency Solar Cell/ Of Renewable Energy And Method Of Manufacture Thereof	Prof. Madya Dr. Yarub Al-Douri	INEE	PI 2012002112	14 Mei 2012	<i>Patent Pending</i>
34.	A Micro Fatigue Testing Machine	Dr. Haftirman	Mechatronic	PI 2012003208	13 July 2012	<i>Patent Pending</i>
35.	Lateritic Soil Biocoagulant	Wong Yee Shian	Environmental	PI 2012003145	11 July 2012	<i>Patent Pending</i>
36.	A Kit For Pregnancy Detection Using A Biosensor	Prof. Dr. Uda Hashim	INEE	PI 2012003209	13 July 2012	<i>Patent Pending</i>
37.	A Photovoltaic Uninterruptible Power Supply	Dr. Muhammad Irwanto Misrun	Electrical System	PI 2012003373	26 July 2012	<i>Patent Pending</i>
38.	Three-Level Single Phase Transformerless Photovoltaic Inverter For Running High AC Loads	Gomesh Nair a/l Shasidharan Dr. Muhammad Irwanto Misrun	Electrical System	PI 2012003372	26 July 2012	<i>Patent Pending</i>
39.	Bio Composite Of Titanium Dioxide/Fish Scale	Dr. Ong Soon An	Environmental	PI 2012003508	3 August 2012	<i>Patent Pending</i>



RESEARCH AND INNOVATION

No	Title Of Inventions	Name Of Inventors	School / Faculty	Registration No.	Date Of Filing	Status
40.	A Smart Smoke Ventilation And Power Generation System	Gomesh Nair a/l Shasidharan	Electrical System	PI 2012003509	3 August 2012	<i>Patent Pending</i>
41.	A Composition Of A Microwave-Absorbing Material	Dr. Mohd. Fareq Abdul Malek	Electrical System	PI 2012700489	23 July 2012	<i>Patent Pending</i>
42.	A Novel Water Filler Friction Composite For Use In Brake Pads	Prof. Madya. Che Mohd Ruzaidi Ghazali	Material	PI 2012004524	10 October 2012	<i>Patent Pending</i>
43.	A New Measurement Method For Human Blood Plasma Separation Precision Based On Ultrasound	Dr. Mohd. Fareq Abdul Malek	Electrical System	PI 2012004522	10 October 2012	<i>Patent Pending</i>
44.	A Novel Smart Larvicide	Mohd. Mustafa Al Bakri Abdullah	Material	PI 2012004523	10 October 2012	<i>Patent Pending</i>
45.	System For Detecting And Monitoring Hazardous Volatile Compounds	Abu Hassan Abdullah	Mekatronik	PI 2012700684	24 September 2012	<i>Patent Pending</i>
46.	A Bench-Top Mask Aligner System for Photolithography	Prof. Dr. Uda Hashim	INEE	PI 2012004670	19 October 2012	<i>Patent Pending</i>
47.	Volcano Ash Solid Geopolymer Composite And A Method Of Producing The Same	Mohd. Mustafa Al Bakri Abdullah	Material	PI 2012700984	22 November 2012	<i>Patent Pending</i>
48.	A Novel Oxo-Biodegradable Plastics Using Natural Pro Oxidant	Dr. Nik Noriman Dr. Sam Sung Ting	Material/ Bioprocess	PI 2013000062	9 January 2013	<i>Patent Pending</i>
49.	Natural Latex From Manihot Esculenta	Dr. Hakimah Osman	Material	PI 2013000350	4 February 2013	<i>Patent Pending</i>
50.	Kenaf Tank As Green And High Performance Composites	Dr. Rozyanty Rahman	Material	PI 2013000352	4 February 2013	<i>Patent Pending</i>
51.	A Solar Photovoltaic And Grid Connected Electricity System With Multiple Modes Of Operations	Rosnazri Ali	Electrical System	PI 2013000808	8 March 2013	<i>Patent Pending</i>
52.	Adaptive Pixel Bit Selection For Low Energy Motion Estimation	Dr. Asral Bahari Jambek	Microelectronic	PI 2013000351	8 February 2013	<i>Patent Pending</i>



RESEARCH AND INNOVATION

No	Title Of Inventions	Name Of Inventors	School / Faculty	Registration No.	Date Of Filing	Status
53.	Milk Powder Quality Degradation	Dr. Irwana Nainggolan	Material	PI 2013001363	17 April 2013	<i>Patent Pending</i>
54.	An Active Cooling System For Solar Panel	Irwan Yusoff	Electrical System	PI 2013002115	7 June 2013	<i>Patent Pending</i>
55.	Digital Portable Device For Detecting	Prof. Dr. Ali H. Reshak Al Jaary	Material	PI 2013701287	23 July 2013	<i>Patent Pending</i>
56.	Portable Device For Detecting Alcohol In Any Liquid	Prof. Dr. Ali H. Reshak Al Jaary	Material	PI 2013701288	23 July 2013	<i>Patent Pending</i>
57.	Geopolymerization Method For Soil Stabilization Application	Mohd Mustafa Al Bakri Abdullah	Material	PI 2013701225	11 July 2013	<i>Patent Pending</i>
58.	Geopolymer Brick Fabrication System	Mohd Mustafa Al Bakri Abdullah	Material	PI 2013701396	7 August 2013	
59.	Green Glass Powder	Faizul Che Pa	Material	PI 2013701444	19 August 2013	<i>Patent Pending</i>
60.	An Apparatus For Determining Halal-State Of A Meat Sample With The Aid Of Novel Invasive Method	Prof. Dr. Ali H. Reshak Al Jaary	Material	PI 2013701676	17 September 2013	<i>Patent Pending</i>
61.	Method Of Allocating Data To Resources In A Wireless Broadband System	Prof. Dr. R Badlishah Ahmad	Computer & Communication	PI 20137016969	17 October 2013	<i>Patent Pending</i>
62.	A System Of Detecting Bacteria Species	Prof. Madya Dr. Muhammad Iqbal Omar	Mechatronic	PI 2013702076	31 October 2013	<i>Patent Pending</i>
63.	A PH Regulating Particel Composition	Lee Bong Beng	Bioprocess	PI 2013701999	23 October 2013	<i>Patent Pending</i>
64.	Network System Having Client Enabled To Locate Hosts And To Acquire Data Therefrom	Prof. Dr. R Badlishah Ahmad	Computer & Communication	Paten	-	<i>Patent Pending</i>
65.	Improvement In LTE-A-Cellular Network	Prof. Dr. R. Badlishah	Computer & Communication	PI 20147013	3 January 2014	<i>Patent Pending</i>
66.	An Intelligent Natural Indoor Air Purifier And A Monitoring System Thereof	Abu Hassan Abdullah	Mechatronic	PI 2014700220	30 January 2014	<i>Patent Pending</i>



RESEARCH AND INNOVATION

No	Title Of Inventions	Name Of Inventors	School / Faculty	Registration No.	Date Of Filing	Status
67.	A Reinforced Sandwich Panel Made From Waste Palm Shells And Empty Fruits Brunches	Dr. Du Ngoc Uy Lan	Material	PI 2014700124	20 January 2014	<i>Patent Pending</i>
68.	Electrochemical Fabrication Of Nanoporous Alumina	Dr. Nazree Deraman Alaba Oladeji Araoyinbo	Material	PI 2014700178	24 January 2014	<i>Patent Pending</i>
69.	A Photoelectrochemical Cell	Dr. Dewi Suryani Che Halin	Material	Paten	-	<i>Patent Pending</i>
70.	A System And Method For Fabricating Nano Channel Solution Gate Field Effect Transistor (SGFET) Type Biosensor That Operates In Electrolyte Solution	Dr. Ruslinda A. Rahim	INEE	Paten	-	<i>Patent Pending</i>
71.	Environment Friendly Composite Construction Materials	Mohd. Mustafa Al Bakri Abdullah	Material	US 008337612B2	25 Dismember 2012	<i>Patent Granted</i>
72.	Cement Composition and A Method Of Producing An Environmentally Friendly Concrete	Mohd Mustafa Al Bakri Abdullah	Material	MY-148054-A	28 February 2013	<i>Patent Granted</i>
73.	Reduction Of Carbon Dioxide In The Manufacturing Of Composites Construction Materials	Mohd Mustafa Al Bakri Abdullah	Material	US 8580029B2	12 November 2013	<i>Patent Granted</i>



RESEARCH AND INNOVATION

Table 19.7: List of Copyright product registered (2009-May 2014)

No	Title Of Inventions	Name Of Inventors	School / Faculty	Registration No.	Date Of Filing	Status
1.	A Novel Zero Cross Correlation Code For Optical Code Division Multiple Access System	Ir. Anuar Mat Safar	Computer & Communication		12 September 2011	<i>Registered</i>
2.	Optical OCDMA System Using Random Diagonal Code	Prof. Dr. Syed Alwee Aljunid Syed Junid Hilal Fadhil Adnan	Computer & Communication		5 October 2011	<i>Registered</i>
3.	Eye-Sim	Prof. Madya. Dr. Kenneth Sundaraj	Mechatronic		30 October 2011	<i>Registered</i>
4.	MyCoach	Prof. Madya. Dr. Kenneth a/l Sundaraj	Mechatronic		18 October 2011	<i>Registered</i>
5.	A Novel Zero Cross Correlation Code For Optical Code Division Multiple Access System	Ir. Anuar Mat Safar	Computer & Communication		31 October 2011	<i>Registered</i>
6.	FIWI Based On Optical CDMA Technology For Future Broadband Access Networks	Dr. Hilal Adnan Fadhil	Computer & Communication	284655045	19 April 2012	<i>Registered</i>
7.	Modified-AND Detection Technique Based On Spectrum Division For Optical Code Division Multiple Access Systems	Prof. Dr. Syed Alwee Aljunid Syed Junid	Computer & Communication	284652007	28 January 2012	<i>Registered</i>
8.	Integrated Decision Model For Healthcare Services by Using Quality Function Deployment-Kano-Analytical Hierarchical Process (QFD-Kano-AHP)	Norshahrizan Nordin	PPIPT	LY2012000316	5 September 2012	<i>Registered</i>
9.	Gait Analysis Software, GAS	Dr. Yufridin Wahab	Microelectronic	LY2012000315	5 September 2012	<i>Registered</i>



RESEARCH AND INNOVATION

No	Title Of Inventions	Name Of Inventors	School / Faculty	Registration No.	Date Of Filing	Status
10.	Solar PV And Grid Connected Electricity System With Multiple Modes Of Operation	Rosnazri Ali	Electrical System	LY2012000312	5 September 2012	<i>Registered</i>
11.	Hand-Held Instrument And Method For Malodour Monitoring	Abu Hassan Abdullah	Mechatronic	LY2012000314	5 September 2012	<i>Registered</i>
12	Intelligent Irrigation And Flood Management System Using Renewable Hybrid Powered Energy And Wireless Control System	Dr. Shahriman Abu Bakar	Mechatronic	LY2012000313	5 September 2012	<i>Registered</i>

Table 19.8: List of Commercialized Products (2009-November 2013)

No.	Title of Invention	Name of Inventors	Industry	Date	Status
1.	Artificial Marble	<ul style="list-style-type: none"> - Assoc. Prof Che Mohd Ruzaidi Ghazali - YBhg. Brig. Jen. Datuk Prof. Kamarudin Hussin - Prof. Dr. Shamsul Baharin Jamaludin - Dr. Khairul Nizar Ismail - Mohd Sobri Idris, - Mohd Nazry Salleh 	Smart Pilot Plant, UniMAP		<p>Was commercialized in the generation of income RM6803.00.</p> <p>Product such as souvenirs and gift have been produced for sale to the UniMAP and the outsider.</p> <p>Operating in Smart Pilot Plant Kubang Gajah, Arau.</p>
2.	Buck and Boost Converter Teaching Module	<ul style="list-style-type: none"> - Zainuddin Md Isa - Baharudin Ismail - Mohamad Faridun Naim Tajuddin - Mohd Fayzul Mohammed 	Maxlane Sdn. Bhd.	January 2010	Inactive Project
3.	Single Phase Inverter Training Kit	<ul style="list-style-type: none"> - Zainuddin Md Isa - Baharudin Ismail - Mohamad Faridun Naim Tajuddin - Mohd Fayzul Mohammed 	Maxlane Sdn. Bhd.	January 2010	Inactive Project



RESEARCH AND INNOVATION

No.	Title of Invention	Name of Inventors	Industry	Date	Status
4.	Rice Husk Micro Absorber	- Dr. Mohd. Fareq Abd Malek	Visionile Sdn. Bhd.	November 2010	The project is still running and in the research and development (R & D)
5.	Solar Uninterruptible Power Supply (Solar UPS)	- Dr. Muhamad Irwanto Misrun	AKTY Technologies Sdn. Bhd	January 2012	The project is still running and in the research and development (R & D)
6.	Eye Sim	- Associate Professor Dr. Kenneth a/l Sundaraj	Salient Software Sdn. Bhd.	Has not been signed	NDA has been signed
7.	Eco - Slag Cement	- Aimi Norliyana	ESC Industries Sdn. Bhd.	Has not been signed	Symbiosis UniMAP Program -MTDC-NCIA
8.	Laterite Soil For Waste Water Treatment	- Wong Yee Shian	LASOW Sdn. Bhd.	Has not been signed	Symbiosis UniMAP Program -MTDC-NCIA
9.	Insect Repellent	- Prof. Awang Soh	AFA Eco Sdn. Bhd.	Has not been signed	Symbiosis UniMAP Program -MTDC-NCIA
10.	Green Glass Powder	- Faizul Che Pa	Verde Solutions Sdn. Bhd.	Has not been signed	Symbiosis UniMAP Program -MTDC-NCIA
11.	Green House	- Prof. Ir. Rezuwan	General Agriculture Sdn. Bhd.	Has not been signed	Symbiosis UniMAP Program -MTDC-NCIA

Table 19.9: Financial Statement for Consultation Activities 2008 – Mei 2014

No.	Department	2009	2010	2011	2012	2013	2014 (May)	Total
1.	Centre of Industrial Collaboration	138,306.00	138,306.00	69,153.00	153,672.00	153,672.00	76836.00	868,251.00
2.	School of Microelectronic Engineering		226,498.00	579,969.00	92,970.00	19,080.00		935,437.00
3.	Centre of Information and Communication Technology	200,000.00		19,040.00	50,000.00		500000.00	769,040.00
4.	School of Material Engineering		148,492.00	63,174.00	18,720.00	50,800.00	23292.36	304,478.36
5.	UniMAP Library		120,000.00		52,000.00	20,000		192,000.00
6.	Teaching Factory	56,176.00	3,780.98					66,056.98
7.	Engineering Centre	14,400.00	32,821.00	31,051.56		24000		106,110.26



INDUSTRIAL NETWORK

No.	Department	2009	2010	2011	2012	2013	2014 (May)	Total
8.	School of Environmental Engineering		50,580.00	6,335.00				56,915.00
9.	School of Bioprocess Engineering		47,214.00	7,965.60		4,500.00		59,679.60
10.	School of Computer and Communication	14,022.00	28,000.00	21,200.00	22,455.00		30000.00	115,677.00
11.	Anjung UniMAP		29,909.00	89,520.00	58,925.00	21,998.00	8502.00	208,854.00
12.	Agrotechnology Unit		22,382.50	6,352.50				28,735.00
13.	Centre for Comm. Skills & Entrepreneurship	9,640.00						20,140.00
14.	Institute of Nano Electronic Engineering	19,920.00						19,920.00
15.	Engineering Mathematics Institute		17,858.50			5400		23,258.50
16.	School of Manufacturing		6,000.00					6,000.00
17.	School of Mechatronics	2,000.00		24,000.00	24,000.00	24,000		74,000.00
18.	School of Electrical Systems Engineering			67,300.00			6000.00	73,300.00
19.	School of Innovation Tehnology and Technopreuship				1,247,370.00			1,247,370.00
20.	Others	2,700.00	7,836.00					360,536.00
TOTAL		457,164.00	879,677.98	985,060.66	1,720,112.00	323,450.00	644,630.36	5,535,758.70

Table 19.10: Number of Scholarly Publishing by UniMAP Press 2003 – May 2014

Type of Publication	2009	2010	2011	2012	2013	2014	Total
Book	12	10	20	21	17	1	81
Journal	2	2	5	8	3	6	26
Teaching Module	4	3	1	3	2	2	15
Laboratory Module	16	18	8	-	-	0	42
Others	6	7	10	36	37	0	96
Total	40	40	44	68	59	9	260



VISIT FROM GALAXY COMPANY CHAIRMAN, SUNGAI CHUCHUH
Photo: Mohd Faisal Abu Hassan

INDUSTRIAL
NETWORK

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INDUSTRIAL NETWORK

TOTAL OF STUDENTS DIPLOMA INDUSTRIAL TRAINING PROGRAMME
SEMESTER 2 2013/2014



Figure 20.1: Number of Diploma Students Undergoing Industrial Training Programmes for 2nd Semester 2013/2014

TOTAL OF STUDENTS DEGREE INDUSTRIAL TRAINING BY PROGRAMME
SEMESTER 2 2012/2013

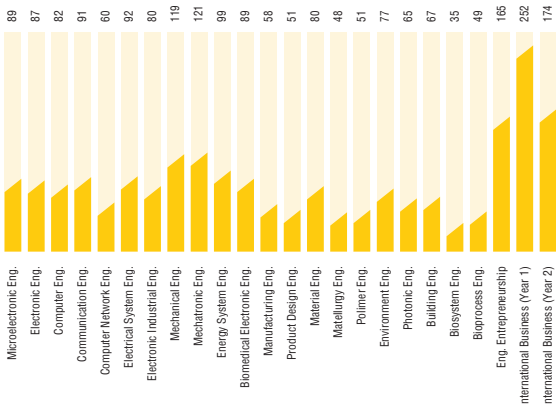


Figure 20.2: Number of Bachelor’s Degree Students Undergoing Industrial Training Programmes for 2nd Semester 2013/2014



INDUSTRIAL NETWORK

MOU/MOA BETWEEN UniMAP LOCAL AND INTERNATIONAL INDUSTRIES / HIGHER LEARNING INSTITUTE FOR THE YEAR 2003 - 2014



Figure 20.3: MoU/MoA between UniMAP and Local and International Industries/ Higher Learning Institute for the Year 2003-2014



“The importance of entrepreneurship cannot be refuted lately, not only in the context of the economy but also in the context of the country’s administration because it has already been proven that entrepreneurship contributes to a country’s progress. Hence, UniMAP will always strive in various aspects including being the centre for disseminating knowledge to local communities, creating a conducive, entrepreneurial environment as well as a comfortable, entrepreneurial medium for the generation of more opportunities.”

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin
Forum on “Common Mistakes Made by Entrepreneurs”



Photo: Mohd Faisal Abu Hassan

**INTERNATIONAL
NETWORK**

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INTERNATIONAL NETWORK

Table 21.1: Number of MoU According to Nations within the Period of 2005-2013

No.	Country	Total	No.	Country	Total
1.	Thailand	17	33.	South Korea	3
2.	Australia	2	34.	Sri Lanka	1
3.	Japan	2	35.	Iraq	1
4.	Indonesia	29	36.	Poland	3
5.	Spain	2	37.	Iraq	1
6.	Athens, Greece	2	38.	Philippines	2
7.	German	2	39.	Mongolia	1
8.	Czech Republic	3	40.	Bosnia	1
9.	India	1	41.	Lithuania	1
10.	Slovenia	1	42.	Zambia	1
11.	Ireland	2	43.	USA	2
12.	Norway	1			
13.	China	9			
14.	Jordan	4			
15.	Switzerland	1			
16.	Yemen	4			
17.	Uzbekistan	5			
18.	Kyrgyzstan	1			
19.	Mauritius	3			
20.	Cambodia	3			
21.	Dubai	1			
22.	Pakistan	1			
23.	Sudan	2			
24.	Saudi Arabia	2			
25.	Russia	1			
26.	France	2			
27.	Taiwan	1			
28.	Romania	2			
29.	Egypt	2			
30.	New Zealand	1			
31.	South Africa	2			
32.	United Kingdom	2			



INTERNATIONAL NETWORK

Table 21.2: Details of International MoU According to Nation and Continent in the Period of 2005-2013

ASIA

No.	University/Institute	Country
1.	Institut Pertanian Bogor (IPB)	Indonesia
2.	Trisakti University	Indonesia
3.	Institut Teknologi Bandung (ITB)	Indonesia
4.	Universitas Jenderal Soedirman (UNSOED)	Indonesia
5.	Institut Teknolgi Medan (ITM)	Indonesia
6.	Universitas Diponegoro (UNDIP)	Indonesia
7.	Universitas Negeri Semarang (UNNES)	Indonesia
8.	Universitas Gadjah Mada (UGM)	Indonesia
9.	Universitas Sebelas Maret	Indonesia
10.	Universitas Sumatera Utara (USU)	Indonesia
11.	Universitas Padjajaran	Indonesia
12.	Universitas Muhammadiyah Sumatera Utara	Indonesia
13.	Universitas Pembangunan Pasca Budi	Indonesia
14.	Universitas Dharmawangsa	Indonesia
15.	Universitas Quality	Indonesia
16.	Universitas Sisigamangaria XII Tapanuli	Indonesia
17.	Universitas Setia Budi Mandiri	Indonesia
18.	Universitas Amir Hamzah	Indonesia
19.	Universitas Medan Area	Indonesia
20.	Sekolah Tinggi Ilmu Ekonomi Harapan	Indonesia
21.	Sekolah Tinggi Teknologi Immanuel	Indonesia
22.	Sekolah Tinggi Teknik Harapan	Indonesia
23.	Sekolah Tinggi Manajemen Informatika dan Komputer Ubudiyah	Indonesia
24.	Politeknik Unggul LP3M	Indonesia
25.	Akademi Perawat Imelda	Indonesia
26.	Sekolah Tinggi Ilmu Kesehatan Mutiara Indonesia	Indonesia
27.	Petra Christian Univerity, Surabaya, Indonesia	Indonesia
28.	Universitas Surabaya	Indonesia
29.	Prince of Songkla (PSU)	Thailand
30.	Thaksin University	Thailand
31.	Hatyai University	Thailand
32.	King Mongkut's University of Technology Thonburi	Thailand
33.	Phuket Rajabhat University	Thailand
34.	Walailak University	Thailand
35.	Maejo University Chiang Mai (MJU)	Thailand
36.	Rajamangala University of Technology Srivijaya (RMUTSV)	Thailand
37.	Norton University	Cambodia
38.	Cambodia Mekong University	Cambodia
39.	Cambodia International University	Cambodia
40.	University of Shanghai for Science & Technology (USST)	China
41.	Xinjiang Polytechnic College	China
42.	Xinjiang Agricultural University	China
43.	Xian Peihua University of China	China
44.	Kunming University of Science & Technology	China
45.	Yunan Agricultural University	China
46.	University of Electronic Science & Technology of China	China
47.	University of Yamanashi	Japan
48.	Jamia Hamdard University	India



INTERNATIONAL NETWORK

No.	University/Institute	Country
49.	Interscience Institute Management & Technology Bhubaneswar	India
50.	Greenwich University Karachi	Pakistan
51.	University of Jordan	Jordan
52.	Prince Sumaya University of Technology	Jordan
53.	Jordan University of Science and Technology (JUST)	Jordan
54.	Mu'taah University	Jordan
55.	Higher Council of Community College	Yemen
56.	Aljazeera Community College	Yemen
57.	The University of Sharjah	UAE
58.	King Abdul Aziz City for Science and Technology Saudi Arabia (KACSTS)	Saudi Arabia
59.	Uzbekistan State University of World Language	Uzbekistan
60.	Taashkent State Technical University	Uzbekistan
61.	Samarkand State Architectural & Civil Engineering	Uzbekistan
62.	Tashkent Automobile and Road Construction Institute	Uzbekistan
63.	Tashkent Financial Institute	Uzbekistan
64.	KYRGYZ State Technical University	Kyrgyzstan
65.	Innovation & Creativity Center Far East University	Taiwan
66.	Inha University	South Korea
67.	Dongseo University	South Korea
68.	Wayamba University,	Sri Lanka
69.	Josai University Educational Cooperation	Japan
70.	Nakhom Pathom Rajabhat University	Thailand

No.	University/Institute	Country
71.	King Mongkut University North Bangkok	Thailand
72.	Guangdong University of Foreign Studies	China
73.	Universitas Islam Sumatera Utara	Indonesia
74.	Bethovolent Fund of Outstanding Students (BFOS)	Yemen
75.	Cambodian University of Specialist	Cambodia
76.	Bicol University	Philippines
77.	Srinakharinwirot University	Thailand
78.	Siam University	Thailand
79.	Naresuan University	Thailand
80.	Mahasarakham University	Thailand
81.	Christian University	Thailand
82.	Rangsit University	Thailand
83.	Sharif University	Iran
84.	Philippines Normal University	Philippines
85.	Vellore Institute of Technology University	India
86.	Yangzhou University	China
87.	Anhui University	China
88.	Mongolian Uvs Labour Institute	Mongolia
89.	Universitas Muhammadiyah Surabaya	Indonesia
90.	Andong National University	South Korea

OCEANIA

No.	University/Institute	Country
1.	University of New South Wales (UNSW)	Australia
2.	La Trobe University	Australia
3.	University of Canterbury	New Zealand
4.	University of Queensland	Australia



INTERNATIONAL NETWORK

EUROPE

No.	University/Institute	Country
1.	Universidad Politecnica De Madrid	Spain
2.	Technical University of Catalonia	Spain
3.	Technological Education Institute of Athens	Greece
4.	Technological Education Institute (T.E.I) of Piraeus	Greece
5.	HTW Aalen University	Germany
6.	Cologne University of Applied Sciences (CUAS)	Germany
7.	Czech Technical University in Prague	Czech Republic
8.	University of South Bohemia Ceske Bodejovice, Prague	Czech Republic
9.	Athlone Institute of Technology	Ireland
10.	Institute of Technology Ireland	Ireland
11.	University of Ljubljana	Slovenia
12.	Buskerud University College, HIBU, Norway	Norway
13.	Swiss Asean Technical Institute (SATi)	Switzerland
14.	Moscow Aviation Institute (MAI)	Russia
15.	Geopolymer Institute, State-Quentin, France	France
16.	Romanian Inventor Forum (RIF), Romania	Romania
17.	Department of Materials Science & Metallurgy, University of Cambridge	United Kingdom
18.	The Oxford Centre Islamic Studies	United Kingdom
19.	Gheorghe Asachi Technical University, Romania	Romania
20.	University of Lile	France
21.	AGH University of Sciences & Management	Poland
22.	Leon Kozminski University	Poland

No.	University/Institute	Country
23.	Warsaw University of Technology	Poland
24.	University of Sarajevo	Bosnia
25.	Mykolas Romeris University	Lithuania
26.	Institute of Chemical Technology	Republik Czech
27.	National Defence University	Poland

AFRICA

No.	University/Institute	Country
1.	The University of Technology	Mauritius
2.	University of Mauritius	Mauritius
3.	Alif Society Mauritius	Mauritius
4.	University of Medical Sciences & Technology	Sudan
5.	Omdurman Islamic University	Sudan
6.	Nahda University	Egypt
7.	Cairo University	Egypt
8.	Al-Faalah College Durban	South Africa
9.	Darul Ihsan Islamic Service Centre	South Africa
10.	Livingstone International University of Tourism Excellence and Business Management	Zambia

NORTH AMERICA

No.	University/Institute	Country
1.	Ohio University	USA
2.	University of Missouri, Kansas City	USA

Number of MoU: 115
Number of Country: 42

INTERNATIONAL NETWORK

INTERNATIONAL STUDENT

Table 21.3: Number of International Students According to Nation and Study

No.	Country	Study Level				Total By Country
		Ph.D	Master	Degree	IEC*	
1.	Algeria	1				1
2.	Saudi Arabia	1				1
3.	Bangladesh	15	7	3		25
4.	Bosnia		1			1
5.	Burkina Faso			1		1
6.	Cameron			1		1
7.	Canada	1				1
8.	Chad			6		6
9.	China		2	7	1	10
10.	Djibouti					
11.	Egypt			2		2
12.	Ethiopia	1				1
13.	Eritrea			5		5
14.	India	8	2	1		11
15.	Indonesia	19	2	30		21
16.	Iraq	46	25	9		80
17.	Jordan	8	8	3	1	20
18.	Kenya			1		1
19.	Libya	3	5			8
20.	Mauritius			1		1
21.	Morocco					
22.	Myanmar	1		4	10	15
23.	Nigeria	7	3	2		12
24.	Pakistan	4	5	1		10
25.	Palestine			4		4
26.	Somalia			64	8	72
27.	Sudan	1		41	3	45
28.	Syria	4	4	12		20
29.	Thailand	1		3		4
30.	United States of America	1				1
31.	Uzbekistan	2		29		31



INTERNATIONAL NETWORK

No.	Country	Study Level				Total By Country
		Ph.D	Master	Degree	IEC*	
32.	Yemen	5	10	137	10	162
Total		129	74	367	33	573

STUDENT EXCHANGE PROGRAMME

Table 21.4: International Student Exchange Programmes to UniMAP According to Universities

No.	Year	University/ Country	Total
1.	2006	Tampere University of Technology (TUT), Finland	2
2.	2007	Tampere University of Technology (TUT), Finland	2
		Trisakti University, Indonesia	4
		Cologne University of Applied Science, Germany	2
		Hatyai University, Thailand	1
3.	2008	Trisakti University, Indonesia	5
		Cologne University of Applied Science, Germany	2
		Walailak University, Thailand	2
		Universitas Diponegoro, Indonesia	6
		Cologne University of Applied Science, Germany	1
		Institut Teknologi Medan, Indonesia	4
4.	2009	Tampere University of Technology (TUT), Finland	5
		Prince of Songkla, Thailand	3
		Xinjiang Polytechnic College, China	3
5.	2010	Prince of Songkla, Thailand	1
		Xinjiang Polytechnic College, China	2
		Trisakti University, Indonesia	3
		Maejo University, Thailand	3
		Institut Pertanian Bogor, Indonesia	4
6.	2011	Walailak University, Thailand	3
		Cologne University Applied Sciences, Germany	1
7.	2012	Walailak University, Thailand	5
		Athlone Institute of Technology, Ireland	1
8.	2013	Universitas Tanjungpura, Indonesia	15
9.	2014	Walailak University, Thailand	2
		Walailak University	1
TOTAL			84

INTERNATIONAL NETWORK

Table 21.5: UniMAP Exchange Programme to Overseas According to Universities

No.	Year	University / Country	Figure (Person)
1.	2007	Tampere University of Technology (TUT), Finland	3
		Trisakti Universitas	5
2.	2008	Buskerus University College, HIBU, Norway	1
		Tampere University of Technology (TUT), Finland	2
		University of New South Wales (UNSW), Australia	2
		HTW Aalen University, Germany	2
		Trisakti University, Indonesia	2
		Prince of Songkla, Thailand	1
3.	2009	Xinjiang Polytechnic College, China	4
		Buskerus University College, HIBU, Norway	2
		Tampere University of Technology (TUT), Finland	2
		University of New South Wales (UNSW), Australia	1
		HTW Aalen University, Germany	2
		Trisakti University, Indonesia	4
		Prince of Songkla, Thailand	3
4.	2010	HTW Aalen University, Germany	3
		Trisakti University, Indonesia	3
		Prince of Songkla, Thailand	1
		Buskerus University College, HIBU, Norway	2
5.	2011	Walailak University, Thailand	4
		Rajamangala University of Technology, Srivijaya, Thailand	3
		Phuket Rajabhat University, Thailand	3
		HTW Aalen University, Germany	2
		Maejo University, Thailand	1
6.	2012	Walailak University	3
		Rajamangala University of Technology, Srivijaya, Thailand	2
7.	2013	Universitas Tanjungpura	13
TOTAL			76



INTERNATIONAL NETWORK

Table 21.6: UniMAP Overseas Visits (Official Visit/Conference/Seminar/Research) in the period 2006-Mei 2014

No.	Country	Total
1.	Thailand	50
2.	Indonesia	42
3.	United Kingdom	18
4.	China, Singapore	13
5.	USA	11
6.	Japan	10
7.	India	9
8.	Vietnam	8
9.	Singapore	7
10.	Australia	6
11.	German	5
12.	Vietnam, Middle East, Brunei Darussalam, South Korea, New Zealand, Ireland, New Zealand	4
13.	Uzbekistan	3
14.	France, Spain, Netherlands, Switzerland, Taiwan, Italy, Jordan, Philippines, Saudi Arabia, Cambodia	2
15.	Bangladesh, Finland, Portugal, Austria, Turkey, Belgium, Czech Republic, Saudi Arabia, Hong Kong, Yemen, Sudan, Uzbekistan, Istanbul, Mauritius, Libya, Cuba, Laos, Croatia, Iran, Egypt, Hong Kong, South Africa, Romania	1

No. of Visit: 189

No. of Country: 50



INTERNATIONAL NETWORK

Table 21.7: Overseas Visitors to UniMAP From 2006-MEI 2014

Year	Visits/Guests	Total Visits to UniMAP
2014	Indonesia: Universitas Mumhammadiyah Surabaya	1
	Czech republic: Institute of Chemical Technology	1
	Poland: National Defence University	1
2013	Indonesia: Universitas Islam Sumatera Utara, (UISU), University Cenderawasih, Petra Christian University	3
	Thailand: Maejo University, Chiangmai, Thailand, Rajamangala Universiti of Srivijaya, Bangkok University, Mahasarakham University, Naresuan University, Walailak University, Christian University	7
	Poland: AGH University Sciences & Technology, University of Information & Technology, University of Lodz, Warsaw University of Technology,	4
	Bangladesh: International Islamic University of Chitaggong, Daffodil International University	2
	South Korea: Inha University, South Korea, Dongseo University,	2
	China: Anhui University, Guangdong University of Foreign Studies, Chaoshan College, Yangzhou University	4
	Lithuania: Mykolas Romeris University	1
	Philippines: Philippines Normal University, Bicol University	2
	Japan: Josai International University	1
	Iran: Sharif University of Technology	1
	Mongolia: Mongolia Uvs Labour Institute	1
	Zambia: Livingstone International University of Tourism Excellence & Business Management, Zambia	1
	Indonesia: Universitas Islam Sumatera Utara (UISU), Madrasah Aliyah Negeri,	2
	Thailand: Pathon Rajabhat Thailand, Rajamangala University of Srivijaya, Prince of Sonkla (PSU), Walailak University, King Mongkut University North Bangkok	5
	Uzbekistan: Tashkent Financial Institute, Tashkent State Technical University & Uzbek State World Language University	3
2012	Sudan: Omdurman Islamic University	1
	New Zealand: University of Canterbury	1
	Japan: Japan Embassy in Malaysia	1
	Australia: High Council of Australia in Malaysia	1
	Sri Lanka: Wayamba University of Sri Lanka	1
	South Korea: Inha University,	1



INTERNATIONAL NETWORK

Year	Visits/Guests	Total Visits to UniMAP
2012	Peru: Peru Ambassador to Malaysia	1
	Ecuador: Ecuador Ambassador to Malaysia	1
	Ireland: Athlone Institute of Technology	1
2011	Indonesia: Universitas Sumatera Utara (USU), Medan, Kopertis Sumatera Utara & Aceh, Indonesia, Yogyakarta School of Environment Engineering (YSEE)	3
	Thailand: Thayaiwittaya School, Hadyai, Islamic Private School Association, Songkhla, Walailak University, Prince of Songkla, Pattani Campus, Thailand	4
	Bangladesh: Heritage Consultant Ltd	1
	Vietnam: PetroVietnam University	1
	Germany: Cologne University Applied Sciences	1
	South Korea: Hanbat National University	1
	Australia: Macquarie University, Sydney, Australia	1
	China: Beijing Normal University	1
	Czech Republic: University of South Bohemia	1
2010	Yemen: Al-Jaziera College	1
	Thailand: Rajamangala University of Thailand	1
	Bangladesh: Heritage Consultant Limited	1
	China: University of Yunnan Agricultural	1
	New Zealand: Professor Krzysztof, University of Canterbury	1
	Uzbekistan: Tashkent Automobile & Road Construction Institute (TARCI)	1
	Arab Saudi: College of Applied Medical Sciences, King Saud University	1
	Mauritius: Professor Ameenah Gurib Fakem, University of Mauritius	1
2009	Indonesia: Sekolah Menengah Kejuruan (SMK), Yayasan Pendidikan Tunas Pelita, Medan, Universitas Jenderal Soedirman (UNSOED), Universitas Trisakti, Indonesia	3
	United Kingdom: Professor Barry Wayne Williams (External Examiner, School of Electrical System Engineering)	1
	New Zealand: Auckland International, The University Auckland	1
	Japan: Yamanashi University	1
	Uzbekistan: Uzbekistan's Cultural Troupe	1
	Thailand: Walailak University	1
	China: Xinjiang Polytechnic College	1



INTERNATIONAL NETWORK

Year	Visits/Guests	Total Visits to UniMAP
2008	Indonesia: Yayasan Sriwijaya, Universitas Sumatera Utara (USU), Institut Teknologi Medan (ITM), Universitas Negeri Semarang (UNNES), Universitas Syiah Kuala (Unsyiah)	5
	China: University of Shanghai for Science and Technology, Dr. Wong & Ma Gang (University of Shanghai for Science & Technology (USST)	2
	Iraq: Al-Akhyat Group	1
	Thailand: Hatyai University, Prince of Songkla University (PSU) (2 times), Computer Engineering & Microelectronic Engineering, Prince of Songkhla University (PSU), Walailak University, King Mongkut's University of Technology Thonburi (KMUTT) (3 times), Didyasarin International College, Hatyai University, Maejo University Language Centre	11
	United Kingdom: Dr. Terry Jeves, Deputy Chief Executive and Academic Director, Nothern Consortium United Kingdom (NCUK), Ms. Paremila, Director for Regional Office, University of Leeds, Professor David Barton, University of Leeds	3
	Switzerland: Swiss Asean Technical Institute (SATi) and Swiss Embassy	1
	Nigeria: Governor of Nigeria	1
	Japan: Japan Ambassador, Muroran Institute of Technology	2
	Sudan: University of Medical Sciences & Technology (UMST)	1
	Ireland: Athlone Institute Technology (AIT)	1
	Thailand: Prince of Songkla University (PSU) (4 times), College of Islamic Studies (CIS), PSU	5
	New Zealand: Unitec Business School, UNITEC Auckland	2
	Australia: University of Melbourne (2 times), Professor Karl Kohlhof	3
2007	United Kingdom: Loughborough University	1
	Saudi Arabia: University of Yemen	1
	Japan: Muroran Institute of Technology	1
	Germany: Visit from Germany Embassy	1
	Ireland: Athlone Institute of Technology (AIT)	1
	China: University of Shanghai for Science and Technology	1



INTERNATIONAL NETWORK

Year	Visits/Guests	Total Visits to UniMAP
2006	Thailand: Hatyai University, Prince of Songkla University (PSU) (2 times), Thaksin University	4
	Australia: Professor Veena Sahajwalla, University of Adelaide, University of Tasmania & JMECC, Crystal Clear Pty. Ltd.	4
	Spain: Datuk Manuel Condeminas, Hon. Consul General of Malaysia (Barcelona), University of Barcelona	2
	Malaysia: Western Digital Asia, Kuala Lumpur, Malaysian British Educational Cooperation Services (MABECS), Kuala Lumpur	2
	Japan: Yamanashi University	1
	Czechoslovakia	1
	Germany: Aalen University	1
	USA: Professor Takeo Kanade, Carnegie Mellon University (CMU)	1
	United Kingdom: Sheffield University	1

No. of Visitors: 141

No. of Country: 27



“I chose this theme, “Soul of a Scholar” to be coupled with the theme of “Mindset of an Entrepreneur” in order not to confuse my brothers and sisters with the wealth creation agenda which we are working to emphasize. This agenda must be understood - is not as a result of or driven by greed, this agenda is valid because apart from its academic and research excellence, this university is strong and stable from the aspect of finance. It is this financial aspect of strength and stability which will allow us to become more competitive on the world stage.”

Brig. Jen. Datuk Prof. Dr Kamarudin Hussin
The Vice Chancellor's annual keynote address 2014



Photo: Mohd Faisal Abu Hassan

TUITION
FEES

22

TUITION FEES

TUITION FEES FOR ENGINEERING PROGRAMMES

Tuition fees and other related fees:

A. Non-Recurrent Fees:

1. Orientation	RM 150.00
2. Student Development	RM 150.00
3. Student Registration	RM 30.00
4. Student Card	RM 70.00
5. Medical Check-Up Fees	RM 70.00
6. Family Takaful Insurance	RM 108.00

Total Non-Recurrent Fees	RM 578.00
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B. Recurrent Fees:

1. Study Fees	RM 800.00
2. Accomodation Provident Fund	RM 450.00
3. Health Provident Fund	RM 40.00
4. Student Welfare Provident Fund	RM 30.00
5. Transportation Charges	RM 30.00
6. Hostel (Desasiswa) Activities	RM 20.00

Total Recurrent Fees	RM 1,370.00
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Total	RM 1,948.00
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- C. Students only need to pay once for this Non-Recurrent Fees total **RM 578.00** during the whole study at UniMAP. This fee **MUST** be paid before or upon registration day. However, the total Recurrent Fee amounted to **RM 1,370.00** are chargeable for every semester. For the first beginning session, students are required to pay **RM 1,948.00** (total Non-Recurrent Fees and Recurrent Fees).
- D. All fees and other charges are liable to review and change without prior notice and subjected to the University.



TUITION FEES

TUITION FEES FOR BUSINESS PROGRAMMES

Tuition fees and other related fees:

A. Non-recurrent Fees:

1. Orientation	RM 150.00
2. Student Development	RM 150.00
3. Student Registration	RM 30.00
4. Student Card	RM 70.00
5. Medical Check-Up Fees	RM 70.00
6. Family Takaful Insurance	RM 81.00

Total Non-recurrent Fees	RM 551.00
---------------------------------	------------------

B. Recurrent Fees:

1. Study Fees	RM 650.00
2. Accommodation Provident Fund	RM 450.00
3. Health Provident Fund	RM 40.00
4. Student Welfare Provident Fund	RM 30.00
5. Transportation Charges	RM 30.00
6. Hostel (Desasiswa) Activities	RM 20.00

Total Recurrent Fees	RM 1,220.00
-----------------------------	--------------------

Total	RM 1,771.00
--------------	--------------------

- C. Students only need to pay once for this Non-Recurrent Fees total **RM 551.00** during the whole study at UniMAP. This fee **MUST** be paid before or upon registration day. However, the total Recurrent Fee amounted to **RM 1,220.00** are chargeable for every semester. For the first beginning session, students are required to pay **RM 1,771.00** (total Non-Recurrent Fees and Recurrent Fees).
- D. All fees and other charges are liable to review and change without prior notice and subjected to the University.

TUITION FEES

TUITION FEES FOR ENGINEERING TECHNOLOGY PROGRAMMES

Tuition fees and other related fees:

A. Non-Recurrent Fees:

1. Orientation	RM 150.00
2. Student Development	RM 150.00
3. Student Registration	RM 30.00
4. Student Card	RM 70.00
5. Medical Check-Up Fees	RM 70.00
6. Family Takaful Insurance	RM 108.00

Total Non-Recurrent Fees	RM 578.00
---------------------------------	------------------

B. Recurrent Fees:

1. Study Fees	RM 800.00
2. Accomodation Provident Fund	RM 450.00
3. Health Provident Fund	RM 40.00
4. Student Welfare Provident Fund	RM 30.00
5. Transportation Charges	RM 30.00
6. Hostel (Desasiswa) Activities	RM 20.00

Total Recurrent Fees	RM 1,370.00
-----------------------------	--------------------

Total	RM 1,948.00
--------------	--------------------

- C. Students only need to pay once for this Non-Recurrent Fees total **RM 578.00** during the whole study at UniMAP.This fee **MUST** be paid before or upon registration day. However, the total Recurrent Fee amounted to **RM 1,370.00** are chargeable for every semester. For the first beginning session, students are required to pay **RM 1,948.00** (total Non-Recurrent Fees and Recurrent Fees).

- D. All fees and other charges are liable to review and change without prior notice and subjected to the University.



TUITION FEES

TUITION FEES FOR DIPLOMA PROGRAMMES

Tuition fees and other related fees:

A. Non-recurrent Fees:

1. Orientation	RM 150.00
2. Student Development	RM 150.00
3. Student Registration	RM 30.00
4. Student Card	RM 70.00
5. Medical Check-Up Fees	RM 70.00
6. Family Takaful Insurance	RM 81.00

Total Non-Recurrent Fees	RM 551.00
---------------------------------	------------------

B. Recurrent Fees:

1. Study Fees	RM 400.00
2. Accommodation Provident Fund	RM 450.00
3. Health Provident Fund	RM 40.00
4. Student Welfare Provident Fund	RM 30.00
5. Transportation Charges	RM 30.00
6. Hostel(Desasiswa) Activities	RM 20.00

Total Recurrent Fees	RM 970.00
-----------------------------	------------------

Total	RM 1,521.00
--------------	--------------------

- C. Students only needs to pay once for this Non-recurrent Fees total **RM 551.00** during the whole study at UniMAP. This fee **MUST** be paid before or upon registration day. However, the total of Recurrent Fee amounted to **RM 970.00** are chargeable for every semester. For the first beginning session, students are required to pay **RM 1,521.00** (total Non-Recurrent Fees and Recurrent Fees).
- D. All fees and other charges are liable to review and change without prior notice and subjected to the University.

TUITION FEES

TUITION FEES FOR POSTGRADUATE PROGRAMME

Research Mode

(I) TUITION FEES (PER SEMESTER)

Malaysia Students	Full-Time	Part-Time
Doctor of Philosophy	RM1500.00	RM1250.00
Master of Science	RM1250.00	RM1100.00
International Students		
Doctor of Philosophy	RM3000.00	
Master of Science	RM2500.00	

(II) NON-RECURRENT FEES*

	Malaysian	International
Registration	RM30.00	RM30.00
Student Card	RM70.00	RM70.00
Orientation	RM150.00	RM150.00

TOTAL	RM250.00	RM250.00
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* Students need to pay the fees only once throughout their study in UniMAP.

(III) RECURRENT FEES (PER SEMESTER)

Health	RM40.00
Library	RM100.00
Laboratory	RM150.00

(IV) HEALTH INSURANCE (ANNUALLY)

International	RM270.00
---------------	----------

(V) THESIS EXAMINATION FEE*

Doctor of Philosophy	RM1500.00
Master of Science	RM1000.00

* Thesis Examination Fee is paid separately by the end of the semester of the student study before sending the thesis for examination.



TUITION FEES

Re-Examination (if necessary) Doctor of Philosophy	RM1000.00
Master of Science	RM750.00

Mixed Mode

(I) TUITION FEES

	Malaysian	International
Tuition Fees	RM150.00 x 20 units	RM200.00 x 20 units
Project Fees / Dissertation (20 units)	RM1000.00	RM1500.00

TOTAL	RM 4000.00	RM 5500.00
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(II) NON-RECURRENT FEES*

	Malaysian	International
Registration	RM30.00	RM30.00
Student Car	RM70.00	RM70.00
Orientation	RM150.00	RM150.00

TOTAL	RM250.00	RM250.00
--------------	-----------------	-----------------

* Students need to pay the fees only once throughout their study in UniMAP.

(III) RECURRENT FEES (PER SEMESTER)

Health	RM40.00
Library	RM100.00
Laboratory	RM150.00

(IV) HEALTH INSURANCE (ANNUALLY)

International Student	RM270.00
-----------------------	----------

(V) DISSERTATION EXAMINATION FEE

Master of Science	RM750.00
Re-Examination (if necessary)	RM300.00

TUITION FEES

COURSEWORK

(I) TUITION FESS

	Local	International
Tuition Fees	RM300.00 x 42 units	RM400.00 x 42 units
TOTAL	RM12600.00	RM16800.00

(II) NON-RECURRENT FEES*

	Malaysia	International
Registration	RM30.00	RM30.00
Student Card	RM70.00	RM70.00
Orientation	RM150.00	RM150.00
Dissertatiton Examination Fee	RM500.00	RM750.00
Alumni	RM100.00	RM100.00
TOTAL	RM850.00	RM1100.00

* Students need to pay the fees only once throughout their study in UniMAP.

(III) RECURRENT FEES (PER SEMESTER)

Health	RM40.00
Library	RM100.00
Laboratory	RM150.00

(IV) HEALTH INSURANCE (ANNUALLY)

International Student	RM270.00
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Updated: June 2013
Source: Treasury and Centre for Graduate Studies



TUITION FEES

TUITION FEES INTENSIVE ENGLISH COURSE (INTERNATIONAL STUDENT)

Table 22.1: Tuition Fees for Intensive English Course (International Student)

(Recurrent Fees)

No.	Type of Fees	Total (RM)
1.	English Course Fees	5,000.00
2.	Orientation	150.00
3.	Student's Registration	30.00
4.	Student Card	70.00
5.	Health Insurance	270.00
6.	Library	100.00
7.	Transportation Charges	30.00
8.	Medical Checkups	200.00
9.	Student Health Provident Fund	40.00
10.	Personal Bond *	2,000.00
11.	Accommodation Provident Fund	Depends on the types of room
Total (Excluding Accommodation)		7,890.00

Table 22.2: Tuition Fees for Business Degree Programme (International Student)

(Non-Recurrent Fees)

No.	Types of Fees	Total (RM)
1.	Orientation	150.00
2.	Student Development	150.00
3.	Students Registration	30.00
4.	Student Card	70.00
5.	Personal Bond *	2,000.00
6.	International Student Association	30.00
7.	Medical Checkup	200.00
8.	Alumni	100.00
9.	Convocation	130.00
Total Non-Recurring Fees		2,860.00

TUITION FEES

Table 22.3: Tuition Fees For Business Degree Programme (Recurrent Fees)

(Recurrent Fees)

No.	Type of Fees	Total (RM)
1.	Study Fee	3,000.00 per year
2.	Accommodation Provident Fund	Depends on the types of room
3.	Health Provident Fund	80.00
4.	Student Welfare Provident Fund	60.00
5.	Transportation Charges	60.00
6.	Hostel (Desasiswa) Activities	40.00
7.	Health Insurance - once a year	270.00
8.	Library	200.00
Sub Total		3,710.00
Total (RM2,860.00+ RM3,710.00) (excluding accommodation)		6,570.00

Student only need to pay one for this Non Recurrent Fee **RM2,860.00** for the whole semester at UniMAP. This fee **MUST** be paid before or upon registration. For the first year beginning session, students are required to pay **RM6,570.00** (Total Non Recurrent Fees and Recurrent Fees, excluding accomodation fees). For the next following years, students only need to pay total of Recurrent Fees **RM3,710.00** (excluding accomodation fees).

Table 22.4: Tuition Fees For Engineering Degree Programme (International Student)

(Non-Recurrent Fees)

No.	Type of Fees	Total (RM)
1.	Orientation	150.00
2.	Student Development	150.00
3.	Students Registration	30.00
4.	Student Card	70.00
5.	Personal Bond *	2,000.00
6.	International Student Association	30.00
7.	Medical Checkup	200.00
8.	Alumni	100.00
9.	Convocation	130.00
Total Non-Recurring Fees		2,860.00



TUITION FEES

Table 22.5: Tuition Fees For Engineering Degree Programme (Recurrent Fees)

(Recurrent Fees)

No.	Types of Fees	Total (RM)
1.	Study Fees	4,000.00 per year
2.	Accommodation Provident Fund	Depends on types of room
3.	Health Provident Fund	80.00
4.	Student Welfare Provident Fund	60.00
5.	Transportation Charges	60.00
6.	Hostel (Desasiswa) Activities	40.00
7.	Health Insurance - once a year	270.00
8.	Library	200.00
Total Recurrent Fees		4,710.00
Total (RM2,860.00 + RM4,710.00) (excluding accomodation)		7,570.00

Student only need to pay one for this Non Recurrent Fee **RM2,860.00** for the whole semester at UniMAP. This fee **MUST** be paid before or upon registration. For the first year beginning session, students are required to pay **RM7,570.00** (Total Non Recurrent Fees and Recurrent Fees, excluding accomodation fees). For the next following years, students only need to pay total of Recurrent Fees **RM4,710.00** (excluding accomodation fees).

Table 22.6: Monthly Accommodation Fees For International Students (Male) - KKG

Types of Room	Students Category	Single House		
		Room 1	Room 2	Room 3
		Single	Sharing	Sharing
Room Without Air-condition	International	RM145.00x 6 month = RM870.00	RM135.00x6 month = RM810.00	RM135.00x6 month = RM810.00
Room With Air-Condition	International	RM 275.00 x 6 month = RM 1,650.00	RM 200.00 x 6 month = 1,200.00	RM 200.00 x 6 month = 1,200.00
Deposit		RM 50.00 per room		

Note:

- At the beginning of every session, students are required to pay for the accommodation fees, subjected to the types of rooms chosen by students.
- All fees and other charges are liable to review and change without prior notice and subjected to the University.

TUITION FEES

Table 22.7: Monthly Accommodation Fees for International Students (Female) – KKA

Type of Room	Room 1		Room 2		Room 3		Room 4
	Single	Sharing	Single	Sharing	Single	Sharing	Single
Room without Air-Conditioning	RM200.00 x 6 month = RM1,200.00	RM150.00 x 6 month = RM900.00	RM170.00 x 6 month = RM1,020.00	RM130.00 x 6 month = RM780.00	RM170.00 x 6 month = RM1,020.00	RM130.00 x 6 month = RM780.00	RM150.00 x 6 month = RM900.00
Room with Air-Conditioning	RM330.00 x 6 month = RM1,980.00	RM210.00 x 6 month = RM1,260.00	RM300.00 x 6 month = RM1,800.00	RM190.00 x 6 month = RM1,140.00	-	-	-
Deposit	RM50.00 per room						

Note:

- At the beginning of every session, students are required to pay for the accommodation fees, subjected to the types of rooms chosen by students.
- All fees and other charges are liable to review and change without prior notice and subjected to the University.



COURTESY VISIT BY SYEIKH ZIYAD MUHAMMAD AS-SUMAIH

Photo: Mohd Faisal Abu Hassan

FINANCIAL ASSISTANCE /
SPONSORSHIP

23



FINANCIAL ASSISTANCE / SPONSORSHIP

Table 23.1: Financial Assistance / Scholarship

No.	Source	No. of Holder	Amount (RM)	Government/ Non Government
1.	Kumpulan Wang Simpanan Pekerja	26	47,936.52	Non Government
2.	Biasiswa Kementerian Pengajian Tinggi	61	100,754.00	Government
3.	Yayasan Negeri Sembilan	25	61,600.00	Government
4.	Tabung Amanah Pendidikan Negeri Melaka	16	49,010.80	Government
5.	Yayasan Terengganu	12	33,650.00	Government
6.	Yayasan Pahang	12	49,000.00	Government
7.	Embassy Of The Republic Of Yemen Cultural Attache	13	74082.72	Government
8.	Kuok Foundation Berhad	7	38,500.00	Non Government
9.	Yayasan Kelantan Darulnaim	27	64,741.00	Government
10.	Perbadanan Tabung Pendidikan Tinggi Nasional	6477	8,549,166.12	Non Government
11.	Pertubuhan Keselamatan Sosial	3	2,400.00	Non Government
12.	Biasiswa Kerajaan Negeri Sabah	24	102,483.32	Government
13.	Majlis Agama Islam Wilayah Persekutuan	1	6,102.50	Government
14.	Biasiswa Pelajar OKU	5	4,050.00	Government
15.	Koperasi Kebangsaan Permodalan Tanah Berhad	1	4,000.00	Non Government
16.	Libyan People's Of Bureau	1	3,440.00	Non Government
17.	Tan Sri Lee Loy Seng Foundation	2	7,000.00	Non Government
18.	Yayasan Wilayah Persekutuan	1	6,838.00	Government
19.	Jabatan Perkhidmatan Awam	1	830.00	Government
20.	Lembaga Zakat Selangor	18	25,794.00	Government
21.	Benevolent Fund For Outstanding Student	60	304,760.00	Government
22.	Lembaga Pembangunan Industri Pembinaan Malaysia	1	2,090.00	Non Government
23.	Yayasan Wilayah Persekutuan	1	6,838.00	Government
24.	Yayasan Arshad Ayub	1	890.00	Non Government
25.	KEN Foundation	1	1,370.00	Non Government
26.	Yayasan Peneraju Pendidikan Bumiputera	4	7,472.00	Non Government
27.	Yayasan Telekom Malaysia	1	1,398.00	Non Government
28.	Honda Malaysia Sdn Bhd	2	3,238.00	Non Government
TOTAL		6,804	9,559,434.98	

Updated : June 2014
Source : Bursar

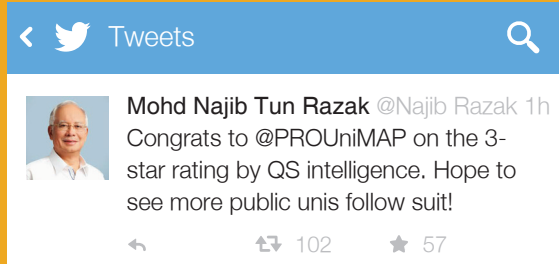


FINANCIAL ASSISTANCE / SPONSORSHIP

Table 23.2: Allocation and Expenditure From 2009 to April 2014

Allocation and Expenditure							
	2009	2010	2011	2012	2013	2014	TOTAL
Allocation from Government	176,157,000.00	145,925,089.00	177,000,000.00	196,800,000.00	185,096,852.00	221,348,900.00	1,473,810,841.00
Internal Funding	-	18,884,710.00	16,400,820.83	37,907,907.00	51,330,099.39	-	131,014,561.22
Total Allocation	176,157,000.00	164,809,799.00	193,400,820.83	234,707,907.00	236,426,951.39	221,348,900.00	1,826,174,302.22
Expenditure	172,326,910.59	164,590,636.14	193,034,142.88	234,640,543.80	236,426,951.39	124,599,217.84	1,713,917,260.16
% Expenditure	97.83	99.87	99.81	99.97	100.00	56.29	93.85

Updated : June 2014
Source : Bursar



Info UniMAP

Universiti Malaysia Perlis

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