



UNIVERSITI  
MALAYSIA  
PERLIS

# INFO 2017 UNIMAP

UNIVERSITI MALAYSIA PERLIS

[www.unimap.edu.my](http://www.unimap.edu.my)



## **MISSION**

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

## **VISION**

An internationally competitive academic and research



# CONTENTS

Administrative Structure	04
Centres Responsible for Academic Programmes	07
• Schools	
• Institutes	
• Centres of Academic Excellence	
Quality Control	26
Academic Infrastructure	32
Centre for Information and Communication	32
Library	34
Academic Staff	41
External Examiners and Academic Advisors	43
Visiting Lecturers	46
Academic Calendar	47
Students Enrolments	51
Students Enrolment Projection	55
UniMAP Campus	56
Graduate Employability Statistic 2006-2016	58
Recipients of the Honorary Doctorate Awards	59
Research and Innovation	62
Industry Network	80
International Network	82
Tuition Fees	95
Financial Assistance and Scholarship	109



01

# 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  
Honorary Doctorate in Management Science,  
Yala Rajabath University, Thailand  
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

## **BOARD OF DIRECTORS**

### **Chairman**

Yang Berbahagia Dato.' Dr. Mohd Sofi  
Osman  
D.S.P.N., P.K.T.  
Board Member  
MIMOS Semiconductor (M) Sdn. Bhd.

### **Member (Chief Executive Officer)**

Yang Berbahagia Dato' Prof. Dr. Zul Azhar  
Zahid Jamal  
D.P.S.J., S.M.P., P.M.P.  
Vice Chancellor of UniMAP

### **Members**

Yang Berhormat Jafperi bin Othman  
S.M.P., P.J.K.  
Member of State Legislative Assembly

Yang Berusaha Encik Abdul Hadi bin Omar  
K.M.N., A.M.T.  
Senior Private Secretary to Minister of Higher  
Education, Ministry of Higher Education

Yang Berusaha Tuan Abdul Rasid bin  
Sudin  
S.M.P.  
Chairman, Board of Advisor, Prime Minister  
Department

Yang Berbahagia Dato' Annuar Mohd  
Saffar  
D.S.D.K.  
President, Kulim Technology Park Corporation

Yang Berbahagia Encik Mohd Parid  
Sulaiman  
Director of Engineering, Strategic Program,  
Malaysia Design Center Intel

Yang Berusaha Puan Fikriah Binti Hj. Abd.  
Rahman  
Deputy Director of National Budget

### **Replacement Member**

Yang Berusaha Puan Norhazimah Che  
Hassan  
Director, Management Services Division,  
Department of Higher Education, Ministry of  
Higher Education

### **Secretary**

Yang Berusaha En. Zuber Hj. Mohamad  
Registrar UniMAP

## **PRINCIPAL OFFICERS**

**Dato' Professor. Dr. Zul Azhar Zahid Jamal**  
*Vice Chancellor*

**Professor. Ir. Dr. Rezuwan Kamaruddin**  
*Deputy Vice Chancellor (Academic and International)*

**Professor. Dr. Uda Hashim**  
*Deputy Vice Chancellor (Research and Innovation)*

**Associate Professor. Dr. Mohd Fo'ad Sakdan**  
*Deputy Vice Chancellor (Student Affairs and Alumni)*

**Mr. Zuber Hj. Mohamad**  
*Registrar*

**Madam Saodah Hassan**  
*Bursar*

**Madam Mazmin Mat Akhir**  
*Chief Librarian*

## **HEAD OF DEPARTMENT (ADMINISTRATIVE)**

**Professor. Dato' Wira Dr. Mohd Salleh Hj. Din**  
*Assistant Vice Chancellor (Entrepreneurship and Financial Sustainability)*

**Associate Professor. Abdul Aziz Mahmuddin**  
*Assistant Vice Chancellor (Quality Management and Corporate Development)*

**Professor. Ir. Dr. Anuar Mat Safar**  
*Dean, Academic Management*

**Professor. Dr. Syed Alwee Aljunid Syed Junid**  
*Dean, Research Management and Innovation Centre*

**Associate Professor. Dr. Hakimah Osman**  
*Dean, School of Diploma Programme*

**Associate Professor. Razli Ahmad**  
*Dean (Student Affairs and Alumni)*

**Professor. Datin Paduka Datuk Dr. Ramlah Adam**  
*Director, Institute of Royal Institution, Studies, Leadership and Community*

**Professor. Dr. Harshita Aini Haroon**  
*Director, Centre for International Language*

**Professor. Dr. Salleh Abd. Rashid**  
*Director, Centre for Sustainable Academic Leadership Development*

**Associate. Professor. Ir. Dr. Mohd Hafiz Fazalul Rahiman**  
*Director, UniMAP Press*

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

**Associate Professor. Dr. Khairul Nizar Ismail**  
*Director, Co-Curriculum Centre*

**Associate Professor. Dr. Vithyacharan a/l Retnasamy**  
*Director, Centre for Industrial and Government Collaboration*

**Associate Professor. Dr. Idris Md. Noor**  
*Director, Quality Management and Corporate Development*

**Dr. Noorhafiza Muhammad**  
*Director, Centre for International Affairs*

**Professor. Dr. Rosni Bakar**  
*Director, Centre for Entrepreneurship Development, Commercialization and Intellectual Properties Management*

**Dr. Ruslinda A. Rahim**  
*Director, Institute of Nano Electronic Engineering*

**Associate Professor. Dr. Mahmad Nor Jaafar**  
*Director, Institute of Sustainable Agrotechnology*

**Dr. Ku Mohd Nabil Ku Hamid @ Ku Ismail**  
*Director, Islamic Centre*

**Mr. Nasrudin Abd Shukor**  
*Director, Information and Communication Technology Centre*

**Mr. Suhizaz Sudin**  
*Director, Sport Centre*

**Associate Professor Mazelan Abdul Hamid**  
*Director, Development Department*

**Dato' Zull Aznam Haron**  
*Director, Security Department*

**Dr. Irnis Azura Zakarya**  
*Director, Occupational Safety and Health Unit*

**Dr. Mohamad Ezral Baharudin**  
*Director, Multimedia Unit*

**Madam Hasbalaila Alias**  
*Director, Internal Audit*

**Mr. Mohd Izwan Izhar Haris**  
*Director, Cultural and Recreation Unit*

**Mr. Mustaffa Ismail**  
*Director, Corporate Communication Unit*

**Associate Professor. Ir. Abdul Ghapar Ahmad**  
*Director, Property Management Unit*

**Mr. Hirwan Jasbir Jaafar**  
*Principal, Residential College*

**Dr. Wong Yee Shian**  
*Principal, Residential College*

**Madam Kartini Hj. Alir**  
*Principal, Residential College*

**Mr. Syed Akhmal Syed Jamali**  
*Principal, Residential College*

**Mr. Ismail Ibrahim**  
*Principal, Residential College*

**Dr. Sanna Taking**  
*Principal, Residential College*

### **DEANS/HEADS OF DEPARTMENT (ACADEMIC AFFAIRS)**

**Associate Professor. Dr. Azremi Abdullah Al Hadi**  
*Dean, School of Computer and Communication Engineering*

**Dr. Tunku Salha Tunku Ahmad**  
*Dean, School of Business Innovation and Technopreneurship*

**Professor. Dr. Zaliman Sauli**  
*Dean, Centre for Graduate Studies*

**Professor. Dr. Hazry Desa**  
*Dean, Faculty of Engineering Technology*

**Dr. Muhammad Zaini Ahmad**  
*Dean, Institute of Engineering Mathematics*

**Associate Professor. Dr. Nasrul Hamidin**  
*Dean, School of Environmental Engineering*

**Associate Professor. Dr. Khairul Rafezi Ahmad**  
*Dean, School of Material Engineering*

**Associate Professor. Dr. Muhammad Syarhabil Ahmad**  
*Dean, School of Bioprocess Engineering*

Associate Professor. Dr. Abu Hassan  
Abdullah  
Dean, School of Mechatronic Engineering

Associate Professor. Dr. Huzili Hussin  
Dean, School of Human Development and  
Technocommunication

Associate Professor. Ir. Dr. Rizalafande  
Che Ismail  
Dean, School of Microelectronic Engineering

Dr. Haziah Abdul Hamid  
Dean, School of Electrical System Engineering

Associate Professor. Dr. Khairul Azwan  
Ismail  
Dean, School of Manufacturing Engineering

## 02 CENTRES RESPONSIBLE FOR ACADEMIC PROGRAMMES

**Table 2.1: Academic Programmes By Schools**

School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Programmes	
			Research Mode	Mixed Mode/ Coursework
<b>Microelectronic Engineering</b>	Microelectronic Engineering	Microelectronic Engineering	Ph.D Msc (Microelectronic Engineering) (Electronic Engineering) (Photonic Engineering)	Master of Science (Microelectronic System design Engineering) -Mix Mode
	Electronic Engineering			
	Photonic Engineering			
<b>Computer and Communication Engineering</b>	Computer Engineering	Computer Engineering	Ph.D MSc (Computer Engineering) (Communication Engineering)	Master of Science Embedded System Design -Mixed Mode
	Communication Engineering			
	Computer Network Engineering			



School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Programmes	
			Research Mode	Mixed Mode/ Coursework
<b>Mechatronic Engineering</b>	Mechatronic Engineering	Mechatronic Engineering	Ph.D M.Sc (Mechatronic Engineering) (Mechanical Engineering) (Biomedical Electronic Engineering)	
	Mechanical Engineering			
	Biomedical Electronic Engineering			
<b>Electrical System Engineering</b>	Electrical System Engineering	Electrical Engineering	Ph.D MSc. (Electrical System Engineering)	Master of Science (Electrical Power Engineering) -Mixed Mode
	Industrial Electronic Engineering			
<b>Manufacturing Engineering</b>	Manufacturing Engineering	Manufacturing Engineering	Ph.D MSc. (Manufacturing Engineering) (Product Design Engineering) Ph.D	Master of Science (Manufacturing Systems Engineering) -Mixed Mode
	Product Design Engineering			
<b>Material Engineering</b>	Material Engineering	Metallurgical Engineering	Ph.D MSc. (Materials Engineering)	Master of Science (Polymer Engineering) -Mixed mood
	Metallurgical Engineering			
	Polymer Engineering			
<b>Bioprocess Engineering</b>	Bioprocess Engineering		Ph.D M.Sc (Bioprocess Engineering) (Biosystem Engineering)	
	Bio-system Engineering			
<b>Environmental Engineering</b>	Environmental Engineering		Ph.D M.Sc (Environmental Engineering) (Building Engineering) (Civil Engineering)	
	Civil Engineering			





School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Programmes	
			Research Mode	Mixed Mode/ Coursework
<b>Business Innovation and Technopreneurship</b>	Bachelor of Business (Hons.) (Entrepreneurship Engineering)		Ph.D MSc (Accounting) (Finance) (Economics) (Management) (Entrepreneurship and Technopreneurship) (Marketing)	Master of Business Administration (Engineering Management) -Coursework
	Bachelor of Business (Hons) (International Business)			
<b>Institute of Nanoelectronic Engineering</b>			Ph.D MSc (Nanoelectronic Engineering) (Nanomaterial Engineering) (Nanobiotechnology Engineering)	
<b>Institute Engineering Mathematics</b>			Ph.D M.Sc (Engineering Mathematics) (Applied Mathematics) (Pure Mathematics) (Statistics) (Operational Research) (Theoretical Physics)	Master of Science (Engineering Mathematics) -Mixed Mode
<b>School of Human Development &amp; Technocommunication</b>	Bachelor of New Media Communication		Ph.D M.Sc (Communication and Information Technology) (Education and Sport Science) (Social Entrepreneurship) (Psychology and Counselling)	



School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Programmes	
			Research Mode	Mixed Mode/ Coursework
Faculty Of Engineering Technology	Bachelor of Engineering Technology (Hons) (Industrial Biotechnology)		Ph.D MSc (Nanoelectronic Engineering) (Nanomaterial Engineering) (Nanobiotechnology Engineering)	
	Bachelor of Engineering Technology (Electrical) (Hons) (Industrial Power)		(Environmental Engineering) (Building Engineering) (Civil Engineering)	
	Bachelor of Electronic Engineering Technology (Hons) (Electronic Network Design)		(Bioprocess Engineering) (Biosystem Engineering) (Materials Engineering)	
	Bachelor of Electronic Engineering Technology (Hons) (Electronic Network Design)		(Manufacturing Engineering) (Product Design Engineering) (Electrical System Engineering) (Mechatronic Engineering)	
	Bachelor of Mechanical Engineering Technology (Hons) (Machining)		(Mechanical Engineering) (Biomedical Electronic Engineering) (Computer Engineering)	
	Bachelor of Mechanical Engineering Technology (Hons) (Agricultural Systems)		(Communication Engineering) (Microelectronic Engineering) (Electronic Engineering)	
	Bachelor of Civil Engineering Technology (Hons) (Construction)		(Photonic Engineering)	



School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Programmes	
			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)			

School	Academic Programmes			
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Postgraduate Programmes	
			Research Mode	Mixed Mode/ Coursework
Faculty Of Engineering Technology	Bachelor of Chemical Engineering Technology (Hons) (Industrial Chemical Process)			
Centre for International Languages			Ph.D M.Sc (Language Studies and Translation)	

**Table 2.2: New Under Graduate Academic Programmes Offered For September 2016, 2016/2017 Academic Session**

Schools	Academic Programmes
Faculty Of Engineering Technology	Bachelor of Chemical Engineering Technology (Hons) (Food Technology)

**Table 2.3: New Postgraduate Academic Programmes Offered For September 2016, 2016/2017 Academic Session**

Schools	Academic Programmes
School of Human Development & Technocommunication	M.A. (Religion)

## SCHOOL OF MICROELECTRONIC ENGINEERING

**Table 2.4: School of Microelectronic Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Bachelor of Engineering (Microelectronic)	254	Lectures	56	Expatriate - Overall 1:14
Bachelor of Engineering (Electronic)	313	Assistant Engineer	10	Local 56 Overall (Lecturer) 1:19
Bachelor of Engineering (Photonic)	166	Technicians	-	Bachelor 1:17
Master of Science (Microelectronic Eng. + Electronic Eng. + Photonic Eng.) Research Mode	63	Admin / Support Staff	8	M.Sc / Ph.D 1:3
Master of Science (Microelectronic System Design Engineering) Mix Mode	31	Study Leave (SLAB / SLAI)	-	
		• M.Sc	-	
		• Ph.D	10	
Doctor of Philosophy	38	Fellow	-	
<b>TOTAL</b>	<b>865</b>	<b>TOTAL</b>	<b>74</b>	<b>TOTAL</b> <b>56</b>
• Bachelor	733			M.Sc 9
• Master of Science	94			Ph.D 37
• Doctor of Philosophy	38			

**Updated:** 7<sup>th</sup> October 2016

**Source:** School of Microelectronic Engineering

## SCHOOL OF COMPUTER AND COMMUNICATION ENGINEERING

**Table 2.5: School of Computer and Communication Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Bachelor of Engineering (Computer Engineering)	328	Lectures	62	Expatriate 2 Overall 1:11
Bachelor of Engineering (Communication Engineering)	269	Assistant Engineer	15	Local 60 Overall (Lecturer) 1:17
Bachelor of Engineering (Computer Network Engineering)	299	Assistant Information Technology Officer	1	Bachelor 1:14
Master of Science (Embedded System Design Engineering)	8	Admin / Support Staff	7	M.Sc / Ph.D 1:3
Master of Science (Computer Engineering)	39	Study Leave (SLAB / SLAI)	8	
Master of Science (Communication Engineering)	52	Fellow	3	
Doctor of Philosophy	110			
<b>TOTAL</b>	<b>1105</b>	<b>TOTAL</b>	<b>96</b>	<b>TOTAL</b> 62
• Bachelor	896			M.Sc 16
• Master of Science	99			Ph.D 46
• Doctor of Philosophy	110			

## SCHOOL OF MECHATRONIC ENGINEERING

**Table 2.6: School of Mechatronic Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Bachelor of Engineering (Mechatronic)	369	Lectures 87	Expatriate -	Overall 1:10
Bachelor of Engineering (Mechanical)	417	PLV 11	Local 87	Overall (Lecturer) 1:15
Bachelor of Engineering (Biomedical Electronic)	348	Tech. Assistant 11		Bachelor 1:13
Master of Science (Mechatronic Engineering)	122	Technician 3		M.Sc / Ph.D 1:2
		Admin/ Support Staff 7		
		Carpentar K1 2		
Doctor of Philosophy	83	Study Leave (SLAB / SLAI)		
		• M.Sc -		
		• Ph.D 7		
		Fellow 3		
<b>TOTAL</b>	<b>1339</b>	<b>TOTAL 131</b>	<b>TOTAL 387</b>	
• Bachelor	1134		M.Sc 31	
• Master of Science	122		Ph.D 56	
• Doctor of Philosophy	83			

## SCHOOL OF ELECTRICAL SYSTEM ENGINEERING

**Table 2.7: School of Electrical System Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student			
Bachelor of Engineering (Electrical System)	441	Lectures	56	Expatriate	1	Overall	1:10
Bachelor of Engineering (Electronic Industry)	233	PLV	3	Local	55	Overall (Lecturer)	1:19
Bachelor of Engineering (Electrical Energy System)	282	Tech. Assistant	13			Bachelor	1:17
Master of Science (Electrical System)	25	Technician	-				
		Chargeman	2				
Master of Science (Mix-Mode) (Electrical Power)	28	Admin/ Support Staff	7				
Doctor of Philosophy	38	Study Leave (SLAI)					
		• Ph.D	21				
		Fellow (SLAB)					
		• Ph.D	1				
<b>TOTAL</b>	<b>1047</b>	<b>TOTAL</b>	<b>103</b>	<b>TOTAL</b>	<b>56</b>		

• Bachelor	956
• Master of Science	53
• Doctor of Philosophy	38



## SCHOOL OF MANUFACTURING ENGINEERING

**Table 2.8: School of Manufacturing Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Diploma of Engineering (Manufacturing)	-	Lectures 53	Expatriate -	Overall 1:8
Bachelor of Engineering (Manufacturing)	371	PLV -	Local 53	Overall (Lecturer) 1:14
Bachelor of Engineering (Product Design)	303	Tutor 3		Bachelor 1:13
		Tech. Assistant 11		Master 1:1
Bachelor of Engineering Technology (Machining)	-	Admin/ Support Staff 7		
Bachelor of Engineering Technology (Product Development)	-	Carpenter K1 1		
Master of Science (Manufacturing)	25	Study Leave (SLAI) • MS.c • Ph.D	- 13	
Master of Science (Product Design)	4	Fellow 3		
Master of Science (Mix-Mode) (Manufacturing Systems)	27			
Doctor of Philosophy (Manufacturing)	17			
Doctor of Philosophy (Product Design)	1			
<b>TOTAL</b>	<b>1047</b>	<b>TOTAL</b>	<b>91</b>	<b>TOTAL</b> <b>53</b>
• Bachelor	956		MS.c	25
• Master of Science	53		Ph.D	28
• Doctor of Philosophy	38			

## SCHOOL OF MATERIAL ENGINEERING

**Table 2.9: School of Material Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Bachelor of Engineering (Material)	304	Lectures	65	Expatriate 1 Overall (Lecturer) 1:13
Bachelor of Engineering (Polymer)	185	Tech. Assistant	11	Local 64 Bachelor 1:11
Master of Science (Material)	63	Technician/ Skills Assistant	1	
Master of Science (Polymer Engineering)	1	Admin/ Support Staff	7	
Doctor of Philosophy	81	Study Leave (SLAB/SLAI)		
		• MS.c	-	
		• Ph.D	11	

<b>TOTAL</b>	<b>843</b>	<b>TOTAL</b>	<b>102</b>
--------------	------------	--------------	------------

• Bachelor	698
• Master of Science	64
• Doctor of Philosophy	81

## SCHOOL OF BIOPROCESS ENGINEERING

**Table 2.10: School of Bioprocess Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Bachelor of Engineering (Bioprocess Engineering)	254	Lectures 39	Expatriate -	Overall 1:10
Bachelor of Engineering (Biosystems Engineering)	313	PLV 6	Local 56	Overall (Lecturer) 1:14
Master of Science (Bioprocess Engineering)	166	Technicians 6		Bachelor 1:14
Master of Science (Biosystems Engineering)	63	Admin / Support Staff 7		Diploma -
Doctor of Philosophy (Bioprocess Engineering)	31	Study Leave (SLAB / SLAI) • M.Sc - • Ph.D 8		M.Sc / Ph.D 1:2
Doctor of Philosophy (Biosystems Engineering)		Fellow 3		
<b>TOTAL</b>	<b>540</b>	<b>TOTAL 69</b>	<b>TOTAL 39</b>	
• Bachelor	484		M.Sc 16	
• Master of Science	29		Ph.D 23	
• Doctor of Philosophy	27			

## SCHOOL OF ENVIRONMENTAL ENGINEERING

**Table 2.11: School of Environmental Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Bachelor of Engineering (Environmental Engineering)	260	Lectures 43	Expatriate 1	Overall 1:9.2
Bachelor of Engineering (Civil Engineering)	370	PLV 6	Local 42	Overall (Lecturer) 1:15.7
Master of Science (Environmental Engineering)	18	Assistant Engineer 3		Bachelor 1:14.3
Master of Science(Civil Engineering)	12	Study Leave (SLAB / SLAI) • M.Sc - • Ph.D 15		M.Sc / Ph.D 1:1.4
Doctor of Philosophy (Environmental Engineering)	22	Fellow 1		
Doctor of Philosophy (Civil Engineering)	3			
Doctor of Philosophy (Building Engineering)	4			

<b>TOTAL</b>	<b>690</b>	<b>TOTAL</b>	<b>75</b>	<b>TOTAL</b>	<b>43</b>
--------------	------------	--------------	-----------	--------------	-----------

• Bachelor	630	M.Sc	12
• Master of Science	31	Ph.D	31
• Doctor of Philosophy	29		

## SCHOOL OF BUSINESS INNOVATION AND TECHNOPRENEUSHIP

**Table 2.12: School of Business Innovation and Technopreneuship**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Bachelor of Business (Hons) (International Business)	816	Lectures 58	Expatriate 3	Overall (Lecturer) 1:33
Bachelor of Business (Hons) (Engineering Entrepreneurship)	785	Admin/ Support Staff 8	Local 55	Bachelor 1:28
Master of Business Administration (Engineering Management)	156	Study Leave (SLAB / SLAI) • Ph.D 5		Master 1:10
M.Sc	38	Fellow 4		Doctor of Philosophy 1:5
Ph.D	97			
<b>TOTAL</b>	<b>1892</b>	<b>TOTAL 75</b>	<b>TOTAL 58</b>	

• Bachelor	1601	M.Sc	39
• Master of Management	156	Ph.D	19
• M.Sc	38		
• Ph.D	97		

## INSTITUTE OF NANO ELECTRONIC ENGINEERING (INEE)

**Table 2.13: Institute Of Nano Electronic Engineering**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student
Master of Science	18	Lectures 10	Expatriate 1	
Doctor of Philosophy	14	Admin/ Support Staff 5	Local 9	
	12	Study Leave (SLAB / SLAI) 2		
	22	Technical 4		
<b>TOTAL</b>	<b>32</b>	<b>TOTAL 21</b>	<b>TOTAL 10</b>	

## SCHOOL OF HUMAN DEVELOPMENT AND TECHNO-COMMUNICATION (iKOM)

**Table 2.14: School Of Human Development And Techno-Communication (iKOM)**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student			
Bachelor of New Media Communication	480	Academic	10	Expatriate	1	Overall (Lacturer)	1:13
Master of Science	13	Admin/ Support Staff	14	Local	39	Bachelor	1:11
Doctor of Philosophy	40	Study Leave (SLAB / SLAI)	9				
<b>TOTAL</b>	<b>533</b>	<b>TOTAL</b>	<b>63</b>	<b>TOTAL</b>	<b>40</b>		

## INSTITUTE OF ENGINEERING MATHEMATICS

**Table 5.15: Institute Of Engineering Mathematichs**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student			
Master of Science (Mixed Mode)	49	Academic	48	Expatriate	-		
Master of Science (Mixed Mode)	18	Tutor	1				
		Admin/ Support Staff	7	Local	53		
Doctor of Philosophy	23	Study Leave (SLAB / SLAI)	9				
		Fellow	4				
<b>TOTAL</b>	<b>533</b>	<b>TOTAL</b>	<b>63</b>	<b>TOTAL</b>	<b>40</b>		

## FACULTY OF ENGINEERING TECHNOLOGY

**Table 5.16: Faculty Of Engineering Technology**

Programmes	Enrolment (Total)	Staff (Total)	Lecturer (Total)	Ratio Staff & Student			
		<b>Academic</b>	43	Expatriate	1	Lecturer Student	1:17
		1. Professor					
		2. Assoc Prof	6	Local	42		
		3. Senior Lecturer	3				
		4. Lecturer					
		5. Teaching Lecturer	1				
		<b>Non Academic</b>					
		1. Assistant Registrar	5				
		<b>Support Group</b>					
		1. Secretary	1				
		2. Asst Admin Officer	1				
		3. Chief Clark	1				
		4. Clerk	6				
		5. Assistant Engineer	27				
		6. Technician	8				
		7. Handyman K1	1				
		8. Assistant Operation	2				
		9. Driver	1				

**TOTAL 249**

Programmes	Enrolment (Total)
1. Bachelor of Civil Engineering Technology (Hons) (Construction) -RY11	1 <sup>st</sup> Year -67 2 <sup>nd</sup> Year -59 3 <sup>rd</sup> Year - 77 4 <sup>th</sup> Year - 55 <b>TOTAL = 258</b>
2. Bachelor of Chemical Engineering Technology (Hons) (Food Technology) - RY01	1 <sup>st</sup> Year - 54 2 <sup>nd</sup> Year - 44 3 <sup>rd</sup> Year - 0 4 <sup>th</sup> Year - 0 <b>TOTAL = 98</b>

Programmes	Enrolment (Total)
3. Bachelor of Chemical Engineering Technology (Hons) (Industry Chemical Process) - RY20	1 <sup>st</sup> Year - 50 2 <sup>nd</sup> Year - 57 3 <sup>rd</sup> Year - 56 4 <sup>th</sup> Year - 61 <b>TOTAL = 224</b>
4. Bachelor of Engineering Technology (Hons) (Industrial Biotechnology) - RY21	1 <sup>st</sup> Year - 71 2 <sup>nd</sup> Year - 53 3 <sup>rd</sup> Year - 56 4 <sup>th</sup> Year - 59 <b>TOTAL = 239</b>
5. Bachelor of Engineering Technology (Electrical) (Hons) (Industrial Power) - RY31	1 <sup>st</sup> Year - 38 2 <sup>nd</sup> Year - 44 3 <sup>rd</sup> Year - 52 4 <sup>th</sup> Year - 58 <b>TOTAL = 192</b>
6. Bachelor of Electrical Engineering (Hons) (Robotics and Automation Technology) - RY32	1 <sup>st</sup> Year - 38 2 <sup>nd</sup> Year - 43 3 <sup>rd</sup> Year - 53 4 <sup>th</sup> Year - 61 <b>TOTAL = 195</b>
7. Bachelor of Electronic Engineering Technology (Hons) (Electronic System) - RY40	1 <sup>st</sup> Year - 36 2 <sup>nd</sup> Year - 22 3 <sup>rd</sup> Year - 40 4 <sup>th</sup> Year - 42 <b>TOTAL = 140</b>
8. Bachelor of Electronic Engineering Technology (Hons) (Electronic Telecommunication Design) - RY41	1 <sup>st</sup> Year - 28 2 <sup>nd</sup> Year - 19 3 <sup>rd</sup> Year - 38 4 <sup>th</sup> Year - 48 <b>TOTAL = 133</b>
9. Bachelor of Electronic Engineering Technology (Hons) (Electronic Network Design) - RY44	1 <sup>st</sup> Year - 32 2 <sup>nd</sup> Year - 25 3 <sup>rd</sup> Year - 38 4 <sup>th</sup> Year - 46 <b>TOTAL = 141</b>
10. Bachelor of Electronic Engineering Technology (Hons) (Integrated Electronic) - RY44	1 <sup>st</sup> Year - 28 2 <sup>nd</sup> Year - 21 3 <sup>rd</sup> Year - 36 4 <sup>th</sup> Year - 32 <b>TOTAL = 117</b>
11. Bachelor of Mechanical Engineering Technology (Hons) (Machining) - RY55	1 <sup>st</sup> Year - 52 2 <sup>nd</sup> Year - 44 3 <sup>rd</sup> Year - 71 4 <sup>th</sup> Year - 51 <b>TOTAL = 218</b>
12. Bachelor of Mechanical Engineering Technology (Hons) (Agricultural Systems) - RY56	1 <sup>st</sup> Year - 28 2 <sup>nd</sup> Year - 38 3 <sup>rd</sup> Year - 45 4 <sup>th</sup> Year - 47 <b>TOTAL = 158</b>





Programmes	Enrolment (Total)
13. Bachelor of Mechanical Engineering Technology (Hons) (Product Development) - RY57	1 <sup>st</sup> Year - 27 2 <sup>nd</sup> Year - 29 3 <sup>rd</sup> Year - 50 4 <sup>th</sup> Year - 43 <b>TOTAL = 149</b>
14. Bachelor of Mechanical Engineering Technology (Hons) (Materials Processing) - RY58	1 <sup>st</sup> Year - 37 2 <sup>nd</sup> Year - 59 3 <sup>rd</sup> Year - 45 4 <sup>th</sup> Year - 44 <b>TOTAL = 176</b>

## INSTITUTES

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

## ACADEMIC SUPPORT CENTRE

- Centre for Communication Skills and Entrepreneurship
- Center for Industrial and Governmental Collaboration (CIGC)
- Centre for Engineering
- Centre for Co-Curriculum
- Centre for International Affairs
- Centre for Information and Communication Technology
- Library
- Centre For Sustainable Academic Leadership Development (LEAD)

## CENTRES OF EXCELLENCE (CoE)

- Centre of Excellence for Advanced Sensor technology (CEASTech)
- Center of Excellence for Geopolymer and Green Technology (CEGeoGTech)
- Centre of Excellence for Renewable Energy (CERE)
- Centre of Excellence for Advanced Communication Engineering Centre (ACE)
- Centre of Excellence for Advanced Multi-Disciplinary MEMS –Based Integrated Electronics NCER (AMBIENCE)
- Centre of Excellence for Unmanned Aerial Systems (UAS)
- Centre of Excellence for Biological Mass Utilization (CEBU)
- Centre of Excellence for Frontier Materials Research
- Motorsport Technology Research Unit and UniMAP Racing Circuit (MoTECH)

## INDUSTRY CENTRE OF EXCELLENCE (ICoE)

- Industry Centre of Excellence (ICoE) Healthcare Cluster

# 03 QUALITY CONTROL

## CERTIFICATION FOR BACHELOR OF ENGINEERING PROGRAMMES

**Table 3.1: Accreditation Certification for Bachelor of Engineering Programme by the Board of Engineers, Malaysia (BEM)**

No	Programme	Accreditation (Year of Accredited)	EAC Reference No	Certificate No
1	Bachelor of Engineering (Hons) (Computer Engineering)	2002-2006 2011-2012 2013-2015 <b>2016-2018</b>	BEM/041/0 461/M/2005/2002(0540) BEM/041/0460/M (002) BEM/041/0460/M (003) <b>BEM/041/0460/M (004)</b>	185 424 753 <b>965</b>
2	Bachelor of Engineering (Hons) (Microelectronic Engineering)	2002-2006 2011-2012 2013 2014-2015 <b>2016-2018</b>	BEM/041/0471/M/2005/2002 (0539) BEM/041/0400/M (002) BEM/041/0400/M (003) BEM/041/0400/M (004) <b>BEM/041/0400/M (005)</b>	184 425 658 826 <b>1023</b>
3	Bachelor of Engineering (Hons) (Product Design Engineering)	2010-2011 2012-2013 2014-2015 <b>2016-2018</b>	BEM/041/0620/M (003) BEM/041/0620/M (004) BEM/041/0620/M (005) <b>BEM/041/0620/M (006)</b>	426 607 800 <b>1021</b>
4	Bachelor of Engineering (Hons) (Mechanical Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0620/M (003) BEM/041/0620/M (004) BEM/041/0600/M (005) <b>BEM/041/0600/M (006)</b>	427 605 798 <b>1142</b>
5	Bachelor of Engineering (Hons) (Biomedical Electronic Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0721/M (001) BEM/041/0721/M (002) BEM/041/0721/M (003) <b>BEM/041/0721/M (004)</b>	428 621 789 <b>1143</b>
6	Bachelor of Engineering (Hons) (Bioprocess Engineering)	2010-2011 2012-2013 <b>2014-2018</b>	BEM/041/0700/M (001) BEM/041/0700/M (002) <b>BEM/041/0700/M (003)</b>	431 603 <b>790</b>
7	Bachelor of Engineering (Hons) (Environmental Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0111/M (001) BEM/041/0111/M (002) BEM/041/0111/M (003) <b>BEM/041/0111/M (004)</b>	454 604 792 <b>1104</b>
8	Bachelor of Engineering (Honours) (Manufacturing Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0630/M (002) BEM/041/0630/M (003) BEM/041/0630/M (004) <b>BEM/041/0630/M (005)</b>	455 606 796 <b>1159</b>

No	Programme	Accreditation (Year of Accredited)	EAC Reference No	Certificate No
9	Bachelor of Engineering (Hons) (Materials Engineering)	2010-2011 2012-2013 2014-2015 <b>2016-2018</b>	BEM/041/0740/M (002) BEM/041/0740/M (003) BEM/041/0740/M (004) <b>BEM/041/0740/M (005)</b>	432 610 797 <b>1022</b>
10	Bachelor of Engineering (Hons) (Mechatronic Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0520/M (002) BEM/041/0520/M (003) BEM/041/0520/M (004) <b>BEM/041/0520/M (005)</b>	433 608 799 <b>1141</b>
11	Bachelor of Engineering (Hons) (Metallurgical Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0730/M (002) BEM/041/0730/M (003) BEM/041/0730/M (004) <b>BEM/041/0730/M (005)</b>	434 609 801 <b>1158</b>
12	Bachelor of Engineering (Hons) (Communication Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0440/M (002) BEM/041/0440/M (003) BEM/041/0440/M (004) <b>BEM/041/0440/M (005)</b>	435 602 791 <b>1103</b>
13	Bachelor of Engineering (Hons) (Electrical System Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0300/M (002) BEM/041/0300/M (003) BEM/041/0300/M (004) <b>BEM/041/0300/M (005)</b>	436 598 793 <b>1101</b>
14	Bachelor of Engineering (Hons) (Electronic Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0400/M (002) BEM/041/0400/M (003) BEM/041/0400/M (004) <b>BEM/041/0400/M (005)</b>	429 599 794 <b>1140</b>
15	Bachelor of Engineering (Hons) (Industrial Electronic Engineering)	2010-2011 2012-2013 2014-2016 <b>2017-2018</b>	BEM/041/0640/M (002) BEM/041/0640/M (003) BEM/041/0640/M (004) <b>BEM/041/0640/M (005)</b>	430 600 795 <b>1102</b>
16	Bachelor of Engineering (Hons) (Polymer Engineering)	2011-2012 2013 2014-2015 <b>2016-2018</b>	BEM/041/0750/M (001) BEM/041/0750/M (002) BEM/041/0750/M (003) <b>BEM/041/0750/M (004)</b>	526 659 825 <b>1024</b>
17	Bachelor of Engineering (Hons) (Civil Engineering)	2012-2013 2014-2016 <b>2017-2019</b>	BEM/041/0100/M (001) BEM/041/0100/M (002) <b>BEM/041/0100/M (003)</b>	657 827 <b>1139</b>
18	Bachelor of Engineering (Hons) (Computer Network Engineering)	2013-2014 <b>2015-2017</b>	BEM/041/0460/M (001) <b>BEM/041/0460/M (002)</b>	750 <b>965</b>
19	Bachelor of Engineering (Hons) (Biosystems Engineering)	2012-2014 2015-2016 <b>2017-2021</b>	BEM/041/0700/M (001) BEM/041/0700/M (002) <b>BEM/041/0700/M (003)</b>	751 964 <b>1156</b>
20	Bachelor of Engineering (Hons) (Photonics Engineering)	2012-2013 2014-2016 <b>2017-2019</b>	BEM/041/0400/M (001) BEM/041/0400/M (002) <b>BEM/041/0400/M (003)</b>	752 828 <b>1155</b>
21	Bachelor of Engineering (Hons) (Electrical Energy System Engineering)	2014-2016 <b>2017-2018</b>	BEM/041/0330/M (001) <b>BEM/041/0330/M (002)</b>	913 <b>1157</b>

**Table 3.2: 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 (Honours) (Materials Engineering)	2007-2009	04711	AA0 010
		2010-2011	04672	AA0362
2.	Bachelor of Engineering (Honours) (Industrial Electronic Engineering)	2007-2009	04710	AA0006
		2010-2011	04670	AA0360
3.	Bachelor of Engineering (Honours) (Electronic Engineering)	2007-2009	04706	AA0005
		2010-2011	04667	AA0357
4.	Bachelor of Engineering (Honours) (Mechanical Engineering)	2007-2009	04714	AA0367
		2010-2011	04675	AA0365
5.	Bachelor of Engineering (Honours) (Mechatronic Engineering)	2007-2009	04707	AA0008
		2010-2011	04668	AA0358
6.	Bachelor of Engineering (Honours) (Metallurgical Engineering)	2007-2009	04730	AA0011
		2010-2011	04673	AA0363
7.	Bachelor of Engineering (Honours) (Manufacturing Engineering)	2007-2009	04709	AA0009
		2010-2011	04671	AA0361
8.	Bachelor of Engineering (Honours) (Communication Engineering)	2007-2009	04705	AA0004
		2010-2011	04666	AA0356
9.	Bachelor of Engineering (Honours) (Product Design Engineering)	2007-2009	04713	AA0366
		2010-2011	04674	AA0364
10.	Bachelor of Engineering (Honours) (Electrical System Engineering)	2007-2009	04708	AA0007
		2010-2011	04669	AA0359
11.	Bachelor of Engineering (Honours) (Microelectronic Engineering)	2010-2011	04742	AA0346
12.	Bachelor of Engineering (Honours) (Bioprocess Engineering)	2010-2011	04737	AA0344
13.	Bachelor of Engineering (Honours) (Environmental Engineering)	2010-2011	04736	AA0343
14.	Bachelor of Engineering (Honours) (Computer Engineering)	2010-2011	04676	AA0347
15.	Bachelor of Engineering (Honours) (Biomedical Electronic Engineering)	2010-2011	04736	AA0345

## CERTIFICATION FOR DIPLOMA OF ENGINEERING PROGRAMMES

**Table 3.3: 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
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 ENGINEERING TECHNOLOGY PROGRAMME

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

No	Programmes	Certificate of Accreditation (Year)	Serial No.	Registration No.
1.	Bachelor of Chemical Engineering Technology (Honours) (Industrial Biotechnology)	2015	12283	MQA/FA1441
2.	Bachelor of Electronic Engineering Technology (Honours) (Electronic Network Design)	2016	14121	MQA/FA2689
3.	Bachelor of Electrical Engineering Technology (Honours) (Industrial Power)	2016	13287	MQA/FA2690
4.	Bachelor of Mechanical Engineering Technology (Honours) (Machining)	2016	13293	MQA/FA2690
5	Bachelor of Mechanical Engineering Technology (Honours) (Agricultural System)	2016	13523	MQA/FA2968

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

## CERTIFICATION FOR BACHELOR OF BUSINESS PROGRAMMES

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

No.	Programme	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 POSTGRADUATE (BY RESEARCH) PROGRAMMES

**Table 6.7: Certification for Postgraduate (by Research) Programme by the Malaysian Qualifications Agency (MQA)**

No.	Programme	Programme Field [National Education Code (NEC)]	Certificate of Accreditation (Year)	Serial No.	Registration No.
<b>Engineering</b>					
1.	Master of Science	520	2013	10599	MQA/FA 6523
2.	Doctor of Philosophy	520	2013	10600	MQA/FA 6524
<b>Mathematic</b>					
3.	Master of Science	461	2013	10602	MQA/FA 6526
4.	Doctor of Philosophy	461	2013	10603	MQA/FA 6527
<b>Business</b>					
5.	Master of Science	340	2013	10270	MQA/FA 6224
6.	Doctor of Philosophy	340	2013	10271	MQA/FA 6225
<b>Social Science</b>					
7.	Master of Science	310	2013	10272	MQA/FA 6226
8.	Doctor of Philosophy	310	2013	10273	MQA/FA 6227

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



## **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
- Electrical Energy System Engineering

## **PROCESS OF QUALITY REVIEW PERIODICALLY BY THE MALAYSIAN QUALIFICATIONS AGENCY (MQA) FOR DIPLOMA IN ENGINEERING PROGRAMMES, UNIMAP**

- Electrical Engineering
- Computer Engineering
- Mechatronic Engineering
- Metallurgical Engineering
- Microelectronic Engineering
- Manufacturing Engineering

# 04 ACADEMIC INFRASTRUCTURE

**Table 4.1: Facilities Provided**

Types of Facilities	Total
Laboratories (Teaching and Research Lab)	180
Engineering Centre	1
Semiconductor Clean Room	1
Agro Technology Research Station	1
Lecture Halls/Classrooms	117

# 05 CENTRE FOR INFORMATION AND COMMUNICATION

**Table 5.1: Facilities Provided**

No.	Facilities	Speed/ Total
1.	Access to internet from Data Centre, Kubang Gajah Campus	1000 Mbps
2.	Number of location connected internet to Data Centre, Kubang Gajah Campus	15 premises
3.	Access internet from Data Centre ICT, Pauh Putra Campus	1000 Mbps + 1000 Mbps
4.	Number of location connected internet to Data Centre ICT, Pauh Putra Campus	15 premises
5.	Access from premises to ICT Centre, Kubang Gajah Campus & Data Centre ICT, Pauh Putra Campus	1.5 Mbps = 1 premises 2 Mbps = 3 premises 4 Mbps = 2 premises 6 Mbps = 1 premises 10 Mbps = 2 premises  16 Mbps = 1 premises 50Mbps = 1 premises  250Mbps = 3 premises  800 Mbps = 4 premises
6.	Number of users	14,638 students 2,097 staff
7.	Number of UTP data source	10,465 units



No.	Facilities	Speed/ Total
8.	Number of Wireless Access Point	200 units
9.	Storage attached network capacity	6 Terabyte
10.	Number of staffs email accounts– Zimbra Mail	2,097 users
11.	Number of students email accounts – Zimbra Mail	14,638 users
12.	Number of Smart Card and Biometric Readers for Access Control System/Time Management System	107 units
13.	Number of locations for IP cameras	107 locations

## UniMAP INFORMATION SYSTEM

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

- **University Portal:** <http://portal.unimap.edu.my>
- **Academic Management Information System:** <https://amis.unimap.edu.my>
- **Graduate Academic Management Information System:** <https://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:** <https://attendance.unimap.edu.my>
- **Learning Management System:** <http://elearning.unimap.edu.my>
- **Health Centre Management System:** <http://klinik.unimap.edu.my>
- **Research Grant Info System (Financial):** <https://rnd.unimap.edu.my>
- **Advance Learning Information System:** <https://spl.unimap.edu.my/>
- **Hostel Management System:** <https://homes.unimap.edu.my>
- **Online System Requirement Specification:** <https://espec.unimap.edu.my>
- **Online Student Information:** <https://osi.unimap.edu.my>
- **Online Financial Info System:** <https://ofis.unimap.edu.my>
- **Online Offer Letter:** <https://offer.unimap.edu.my>
- **Student's Convocation Information System:** <https://econvo.unimap.edu.my>
- **Online Course Registration (Degree):** <http://courseregdeg.unimap.edu.my>
- **Online Course Registration (Diploma):** <http://courseregdeg.unimap.edu.my>
- **Student Affairs Information System:** <https://ehpa.unimap.edu.my>
- **Relief Fund Application System:** <https://etabung.unimap.edu.my>
- **Alumni Information System:** <https://ealumni.unimap.edu.my>
- **Utility Information System:** <https://utility.unimap.edu.my>
- **Career Information System:** <https://ecareer.unimap.edu.my>
- **Human Capital Development System:** <https://sismi.unimap.edu.my>
- **Online Postgraduate Information:** <https://opi.unimap.edu.my>
- **Online Extension Study Information:** <https://opl.unimap.edu.my>
- **Purchase Order Issuing Apps System :** <https://epohonpo.unimap.edu.my>
- **Programme Outcome Info System:** <https://epo.unimap.edu.my>

- **Research Grant Info System (Publishing):** <https://rnd.unimap.edu.my>
- **Promotion Activity Info System:** <https://epro.unimap.edu.my>
- **Safety, Health & Environment Management System :** <https://she.unimap.edu.my>
- **Lecture Room Booking System:** <https://eroom.unimap.edu.my>
- **Lecture Room Booking System for FTK:** <https://eroomftk.unimap.edu.my>
- **IMS Islamic Center:** <https://imsic.unimap.edu.my/>

Updated: 08<sup>th</sup> November 2017

Centre of Information and Communication Technology (CICT)

## 06 LIBRARY

**Table 6.1: Seating Capacity**

No.	Facilities	Total
1.	Auditorium	184 seats
2.	Discussion Rooms	88 seats
3.	Ind-E-Zone Lounge	27 seats
4.	Communication Room	15 seats
5.	Ind-E-Zone Meeting Room	8 seats
6.	Main Library Meeting Room	22 seats
7.	Interactive Learning Rooms	37 seats
8.	E-Newspaper	3 seats
9.	Library Cafe	61 seats
10.	Wired Carrels	180 seats
11.	Carrel Rooms	12 seats
12.	Multimedia Collection	6 seats
13.	Online Reference Zone	24 seats
14.	Laptop Zone	39 seats
15.	Infoaccess Lab	66 seats
16.	Learning Pod	42 seats
17.	Reading Area	716 seats
18.	Leisure Area (Newspaper Reading Area)	11 seats
19.	Leisure Area (Viewing Area)	35 seats
20.	Leisure Area (UniCITI ALAM)	12 seats
21.	Male & Female Prayer Room	60 person

**Table 6.2: Library Facilities**

No.	Facilities	Total
1.	Wireless Internet Access	Available
2.	Digital Signage	9 units
3.	Email Express	2 units
4.	E-Newspaper	3 units
5.	Game Station	2 units
6.	Institutional Repository	4 unit
7.	Wired Carrels	180 units
8.	Kindle E-Book Reader	6 units
9.	Lockers with Keylock	262 units
10.	Lockers	230 units
11.	Photocopying Machine and Network Printing Stations	2 units
12.	Vending Machine	2 units
13.	Selfcheck Stations	6 units
14.	Book Drop Stations	3 units
15.	Water Dispenser	2 unit
16.	Multimedia Digital Kiosk	1 unit
17.	Multimedia Station	2 units
18.	Online Public Access Catalog (OPAC)	20 units
19.	Tablet Zone	8 units

**Table 6.3: Library Collections**

No.	Facilities	Total
1.	Printed Books and Bound Journals ( <i>Oct 2017</i> )	53,224 copies
2.	Electronic Books ( <i>e-Books</i> )	2,340,773 titles
3.	Electronic Journal ( <i>e-Journals</i> )	14,456 titles
4.	Printed Journals	39 titles
5.	Media Items ( <i>Oct 2017</i> )	8,742 item
<b>TOTAL</b>		<b>2,417,234</b>

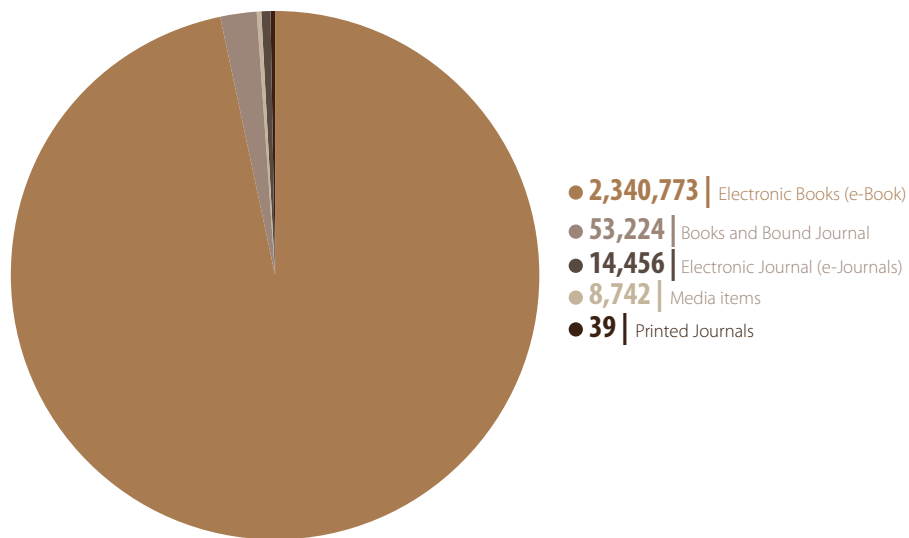


Figure 6.1: Library Collections Pai Chart (Until October 2017)

Table 6.4 : Electronic Resources

No.	Facilities	Areas
1	ACM Digital Library	Information Technology
2	ASME (Association of Mechanical Engineers) Digital Library	Engineering
3	Britannica Online	General
4	CLJLAW	Law
5	Ebrary e-books	Engineering
6	EBSCOHost e-books	General
7	Emerald e-books	Business, Management, Economy
8	Emerald Emerging Market Case Studies	Engineering and Management
9	Emerald Management 175	Engineering and Management
10	EndNote	Citation Management
11	e-Newspaper	General
12	Gale Virtual Reference Library	Asian Studies
13	IEEE Xplore	Engineering
14	International Journal of Industrial Engineering : Theory, Application and Practice	Engineering
15	IOP Science	Physics
16	JSTOR	Business
17	Knovel	Engineering
18	Libguides	General
19	MaIREP	Malaysian Repository
20	Malaysian Standards Online	General
21	MALCAT	Search Engine

No.	Facilities	Areas
22	McGraw Hill Access Engineering	Engineering
23	MyiLibrary	General
24	Proquest Dissertation & Theses	Science and Engineering
25	SAE International Journal of Engines	Engineering
26	SAE International Journal of Fuel and Lubricants	Engineering
27	SAGE Knowledge	Social Science
28	ScienceDirect	Science and Technology
29	SciVerse Scopus	Citation Database
30	Sensor & Transducers	Engineering
31	SIAM Locus	Mathematic
32	SPIE Digital Library	Engineering
33	SpringerLink e-books	Science and Technology, Social Science and Humanities
34	SpringerLink e-journals	Science and Technology, Social Science and Humanities
35	Wiley Online Library	Engineering and Mathematics
36	Wizfolio	Citation Management
37	World Scientific	General
38	Worldcat Local	Search Engine

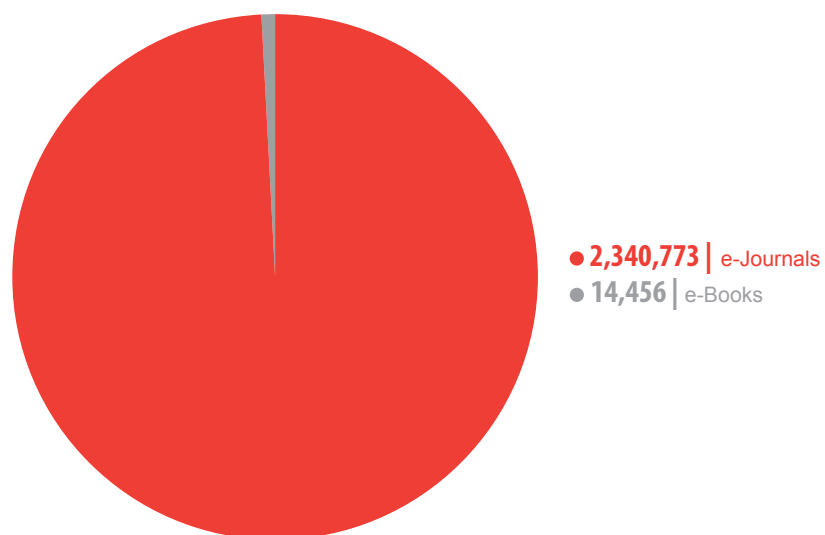
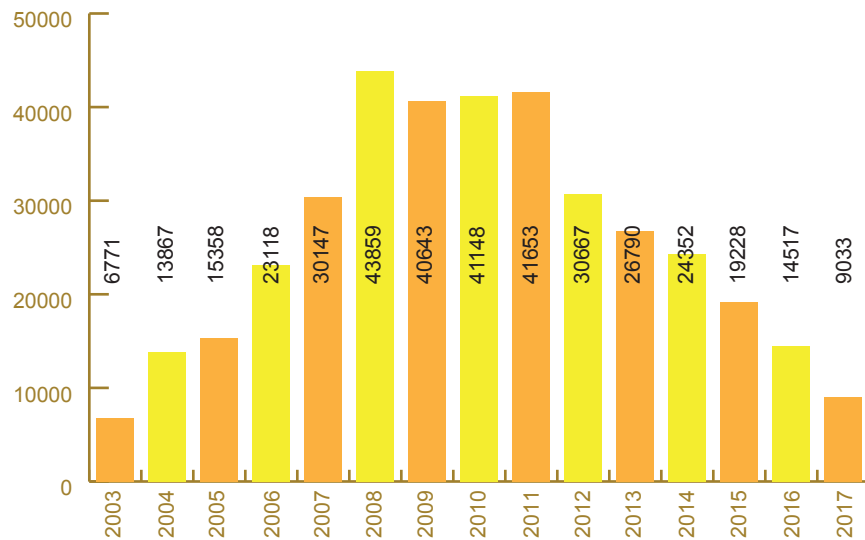


Figure 6.2 : Electronic Resources by Categories  
(Until October 2017)

**Table 6.5 : Basic Circulations By Year**

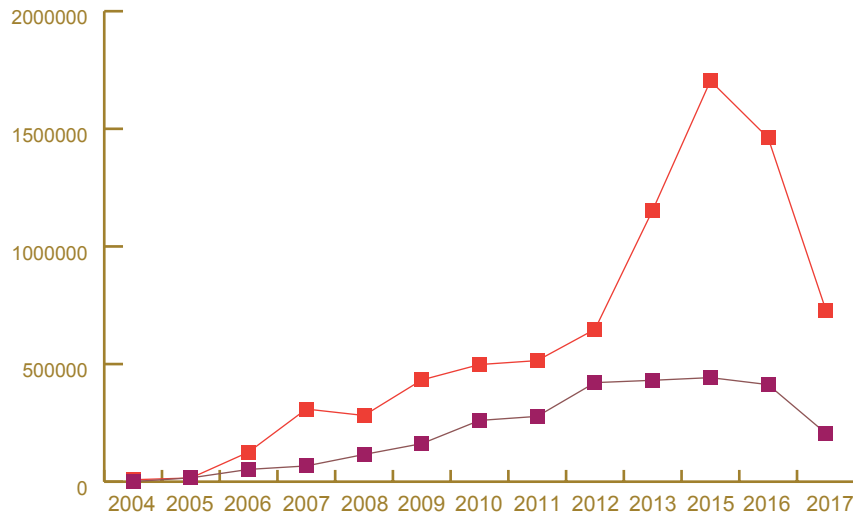
Year	Total
2003	6,771
2004	13,867
2005	15,358
2006	23,118
2007	30,417
2008	43,859
2009	40,643
2010	41,148
2011	41,653
2012	30,667
2013	26,790
2014	24,352
2015	19,228
2016	14,517
Until Oct 2017	9,033
<b>TOTAL</b>	<b>381,421</b>



**Figure 6.3 : Basic Circulations By Year (2003- October 2017)**

**Table 6.6: Access to Licensed Electronic Resources By Year**

Year	Number of Searches	Number of Downloads
2004	663	8,336
2005	16,252	15,863
2006	52,233	125,733
2007	66,955	308,758
2008	84,416	250,967
2009	115,689	281,455
2010	161,819	432,517
2011	260,406	497,938
2012	277,622	514,708
2013	421,101	647,823
2014	431,016	1,154,431
2015	442,358	1,704,184
2016	412,625	1,461,137
Until Oct 2017	205,509	729,513
<b>TOTAL</b>	<b>2,948,664</b>	<b>8,133,363</b>



**Figure 6.4 : Access to E-Resources By Year (2004-October 2017)**

**Table 6.7: Number of Digital Items (Institutional Repository and Fingertips Database)**

No.	Collections	Total
1.	Final Year Project Papers & Reports	1,788
2.	Journal Articles	2,670
3.	Monograph & Chapter In Books	12
4.	Research & Innovations	482
5.	Theses & Dissertations	312
6.	Conference Papers	2,496
7.	Digital Images	432
8.	Document Delivery	22
9.	Newspaper Articles	26,566
10.	Past Year Exam Papers	5,713
11.	References Bank	1
12.	Library Conference	13
13.	Malaysiana Collection	7,934
<b>TOTAL</b>		<b>48,441</b>

**Table 6.8 : Perpustakaan Tuanku Syed Faizuddin Putra (PTSFP) Universiti Malaysia Perlis in Ranking of World Repositories**

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
July 2014	594	13
Jan 2015	306	4
July 2015	269	4
Jan 2016	451	7
July 2016	574	7
Jan 2017	591	7
July 2017	669	8



## Resource Sharing At Perpun, Local And International

- **Malaysian Thesis Online (MyTO)** : <http://perpun.upm.edu.my/myTO>
- **Malaysian Union List Of Serial (MyULIS)** : <http://perpun.upm.edu.my/myULIS>
- **Katalog Induk Kebangsaan (KIK)** : <http://kik.pnm.my/>
- **Registry of Open Access Repositories (ROAR)** : <http://roar.eprints.org/>
- **Directory of Open Access Repositories (DOAR)** : <http://www.openoar.org/>
- **OCLC Open Worldcat**
- **Malaysian Online E-Resources Consortium (MOLEC)**
- **Malaysian Academic Library Union Catalog (MALCat)**

Updated : Nov 2017

Source: Perpustakaan Tuanku Syed Faizuddin Putra (PTSFP) Universiti Malaysia Perlis



**Table 7.1: Total Number of Academic Staff**

Lecturers (895)		Language Instructors, Tutors & Teaching Engineers (PLV)
Ph.D	Masters	Degree
411 (38.7%)	484 (45.5%)	(45.5%) (15.8%)

**Table 7.2: Designation and Number of Academic Staff \***

Designation	Total
Professors	22
Associate Professors	53
Visiting Associate Professors	3
Senior Lecturers	372
Visiting Senior Lecturers	1
Lecturers	439
Visiting Lecturers	5
Language Instructors	27

Designation	Total
Tutors	4
Visiting Tutors	1
Teaching Engineers	134
Visiting Teaching Engineers	2

\* Total of Academic Staff is 1,063 or 50.5% from overall Staff

**Adjunct Professors (18)    Certified Engineers (38)**

**Table 10.3: Total Number of Non-Academic Staff \***

Level	Total
Officers (Grade 41 and above )	214
Technical Staff (in Learning Centres)	123
Technical Staff (other departments)	52
Others	655

\* Total of Non-Academic Staff is 1,044 or 49.5% from overall Staff

**Table 10.4: Number of Staff According to Category**

Category	Total
Permanent	1,588
Contract	497
Part-Time	9
Special Schemes University	13
<b>TOTAL</b>	<b>2,107</b>

**Table 10.5 : Lecturers Qualification By School and Department**

No.	School/Department	Ph.D	Masters	Total	%
1.	School of Environmental Engineering	32	20	52	61.5
2.	School of Material Engineering	48	28	76	63.2
3.	School of Bioprocess Engineering	23	24	47	49.0
4.	School of Computer and Communication Engineering	42	30	72	58.3
5.	School of Mechatronic Engineering	56	31	87	64.4
6.	School of Microelectronic Engineering	34	21	55	61.8
7.	School of Manufacturing Engineering	29	38	67	43.3
8.	School of Electrical System Engineering	22	55	77	28.6
9.	School of Business Innovation and Technopreneurship	17	46	63	27.0

No.	School/Department	Ph.D	Masters	Total	%
10.	Centre for Communication Technology and Human Development	14	30	44	31.8
11.	School of Diploma Programme	5	4	9	55.6
12.	Faculty of Engineering Technology	57	103	160	35.6
13.	Institute of Engineering Mathematics	16	37	53	30.2
14.	Institute of Nano Electronic Engineering	8	0	8	100.0
15.	Centre for International Languages	6	16	22	27.3
16.	Vice Chancellor's Office	0	1	1	0.0
17.	Institute of Sustainable Agrotechnology	1	0	1	100.0
18.	Student Affairs and Alumni Department	1	0	1	100.0
<b>TOTAL</b>		<b>411</b>	<b>484</b>	<b>895</b>	<b>45.9%</b>

Updated: November 7, 2017  
Source: Personnel Unit

## 08 EXTERNAL EXAMINERS & ACADEMIC ADVISORS

**Table 8.1: List Local and Foreign Experts and Academic Advisors by Schools**

Schols/ Bachelor of Engineering (Hons)	EE	AA	Name/ Organizations
Microelectronic Engineering	•		<b>Prof. Dr. Razali Ismail</b> Universiti Teknologi Malaysia
	•		<b>Prof. Widad Ismail</b> Universiti Sains Malaysia
	•		<b>Prof. Dr. Ibrahim Ahmad</b> UNITEN
	•		<b>Prof. Ir. Dr. Hin Yong Wong</b> Multimedia Universiti (MMU)
	•		<b>Prof. Madya Ir. Sharul Kamal Abdul Rahim</b>
	•		<b>Prof. Ir. Dr. Abu Sahmah Mohd Supa'at</b> Universiti Teknologi Malaysia
Computer & Communications Engineering	•		<b>Prof. Dr. Kaharudin Dimyati</b> Universiti Pertahanan Nasional Malaysia
	•		<b>Prof. Mohd Adzir Mahdi</b> Universiti Putra Malaysia
	•		<b>Prof. Madya Ir. Dr. Sharifah Hafizah Syed Ariffin</b> Universiti Teknologi Malaysia
	•		<b>Prof. Ir. Dr. Mohd Fadzil Ain</b> Universiti Sains Malaysia

Schols/ Bachelor of Engineering (Hons)	EE	AA	Name/ Organizations
Material Engineering	•		<b>Prof. Ir. Dr. Mohamad Nor Berhan</b> Universiti Teknologi Malaysia
	•		<b>Prof. Ir. Dr. Mariatti Jaafar @ Mustapha</b> Universiti Sains Malaysia
	•		<b>Prof. Dr. Hanafi Ismail</b> Universiti Sains Malaysia
Mechatronic Engineering	•		<b>Prof. Dr. Ahmad Kamal Mohd Ihsan</b> Universiti Kebangsaan Malaysia
	•		<b>Prof. Dr. Jasmy Yunus</b> Universiti Teknologi Malaysia
	•		<b>Prof. Dr. Mohd Rizal Arshad</b> Universiti Sains Malaysia
	•		<b>Prof. Ir. Dr. Shahrum Abdullah</b> Universiti Kebangsaan Malaysia
	•		<b>Prof. Ir. Sheikh Hussain Sheikh Salleh</b> Universiti Kebangsaan Malaysia
Manufacturing Engineering	•		<b>Prof. Dr. Zahari Taha</b> Universiti Malaysia Pahang
	•		<b>Professor Datin Dr Napsiah Ismail</b> Universiti Putra Malaysia
	•		<b>Prof. Dr. Safian Sharif</b> Universiti Teknologi Malaysia
	•		<b>Prof. Dr. Izman Sudin</b> Universiti Teknologi Malaysia
Electrical System Engineering	•		<b>Dr. Ismail Musirin</b> Universiti Teknologi Mara
	•		<b>Prof. Dr. Zainal Salam</b> Universiti Teknologi Malaysia
	•		<b>Prof. Dr. Marizan Sulaiman</b> Universiti Teknikal Malaysia Melaka (UTeM)
	•		<b>Prof. Ir. Dr. Abdul Aziz Abdul Rahman</b> Universiti Malaya
	•		<b>Prof. Ir. Dr. Hj. Md. Azlin Hj. Md. Said</b> Universiti Sains Malaysia
Environmental Engineering	•		<b>Prof. Madya Ir. Dr. Marlinda Abdul Malek</b> UNITEN
Institute of Mathematic Engineering	•		<b>Prof. Dr. Ahmad Izani Md. Ismail</b> Universiti Sains Malaysia

Schols/ Bachelor of Engineering (Hons)	EE	AA	Name/ Organizations
Faculty of Technology Engineering	•		<b>Prof. Dr. Abu Khari Aain</b> Universiti Teknologi Malaysia
	•		<b>Prof. Dr. Ahmad Zuhairi Abdullah</b> Universiti Sains Islam Malaysia
	•		<b>Prof. Dr. Hj Khairul Aidil Azlin Abd Rahman</b> Universiti Putra Malaysia
	•		<b>Prof. Madya Dr. Baharin Azahari</b> Universiti Sains Malaysia
	•		<b>Prof. Engr. Dr. Ishkandar Baharin</b> UniKL-MFI (Malaysian France Institute)
	•		<b>Prof. Dr. Nor Kamariah Noordin</b> Universiti Putra Malaysia
	•		<b>Prof. Dr. Wan Mohammad Haji Wan Abdullah</b> UniKL
	•		<b>Prof. Kaharudin Dimyati</b> Universiti Malaya
Faculty of Technology Engineering	•		<b>Prof. Dr. Razali Ismail</b> Universiti Teknologi Malaysia
	•		<b>Prof. Ir Dr. Abdullah Asuhaimi Mohd Zain</b> Universiti Teknologi Malaysia
	•		<b>Prof. Dr. Haji Wan Mansor Wan Muhamad</b> UniKL
iKOM	•		<b>Prof. Dr. Mohammed Zin Nordin</b>
	•		<b>Prof. Dr. Asyraf bin Haji Abd. Rahman</b> Universiti Malaysia Terengganu
Diploma Programme	•		<b>Prof. Dato' Ahmad Mujahid Ahmad Zaidi</b> Universiti Pertahanan Nasional Malaysia
	•		<b>Prof. Madya Dr. Mohd Khairul Ahmad Ahmad</b> Universiti Tun Hussein Onn
	•		<b>Prof. Amir Akramin Idrus</b> Universiti Islam Antarabangsa

### Adjunct Professor

School of Business Innovation and Technopreneuship	<b>Prof. Dato' Dr. Haji Ahmad Sabirin Dato' Arshad</b>
	<b>Profesor Dr. Teng –Kee Tan</b>
	<b>YBhg. Dato Ismail Bakar</b>
	<b>YBhg. Dato Yusof Jusoh</b>
	<b>En. Baharudin Abd. Majid</b>
	<b>Professor Dr. Li Choy Chong</b>
	<b>YBhg. Dato' Seri Dr. Md Isa Sabu</b>

Schols/ Bachelor of Engineering (Hons)	EE	AA	Name/ Organizations
School of Human Development and Technolooogy			<b>Tan Sri Dato' Seri (Dr.) Aseh Haji Che Mat</b>
			<b>YBhg. Dato' Sri Jamil Salleh</b>
Vice Chancellor Office			<b>Ms. Anna Maria Braun</b>
			<b>YBhg. Ibu Marniati, SE, M.Kes</b>
School of Manufacturing Engineering			<b>En. Badrul Feisal Abdul Rahim</b>
School of Mechatronic Engineering			<b>Dr. Khaled Mohamed Helmy Abdelaziz</b>
			<b>Dato' Ir. Haji Mohamad Dalib</b>
Faculty of Technology Engineering			<b>Tan Sri Dato' Paduka Profesor Dr. Fng Ah Feng</b>
			<b>Dato' Amir Md. Noor</b>
School of Computer and Communications Engineering			<b>Tuan Haji Aisharuddin Nuruddin</b>

**EE External Examiners**

**AA Academic Advisors**

## 09 VISITING LECTURES

**Table 9.1: List of Visiting Lecturer for Semester 2 2016/2017**

No	Names	Organizations
1.	Noor Hisyam Ahmad	Aerospace Composities Malaysia Sdn. Bhd
2.	Thong Sze Yee	Flextonics Malaysia
3.	Chin Chee Hui	Funfiek Technology Sdn. Bhd
4.	Mohamed Mokhtar Ishak	SIRIM Standars Technology Sdn. Bhd
5.	Ir. Lee Chang Quan	Petronas Gas Berhad
6.	Ir. Muhd Aiman Afiq Abu Bakar	ExxonMobil Business Support Centre Sdn.Bhd
7.	Dr. Ilham Mukriz Zainal Abidin	Malaysian Nuclear Agency
8.	Ir. Mohamed Azly Abdul Aziz	Cawangan Kejuruteraan Mekanikal, Ibu Pejabat JKR
9.	Muhammad Hafiz Mohamed Khalil	E & P O & M Service Sdn. Bhd
10.	Muhammad 'Affan Haji Mohamoud	Aerospace Composite Malaysia (ACM)



# 10 ACADEMIC CALENDAR

## DIPLOMA PROGRAMME

ACTIVITIES	SEMESTER 1 05 June 2017 -15 October 2017 (19 weeks)		
	DATE	PERIOD	NOTE
New Intake Registration / Orientation	28 May - 04 June 2017	8 Days	<b>Orientation</b> 28 May 2017 - 04 June 2017
Lecture	05 June - 25 June 2017	3 Weeks	<b>Nuzul Al-Quran</b> 12 June 2017
Mid Semester Break	26 June - 02 July 2017	1 Week	<b>Eid Al- Fitri</b> 25 & 27 June 2017
Lecture	03 July -17 September 2017	11 Weeks	<b>National Day</b> 31 August 2017
			<b>Eid Al-Adha</b> 01 & 02 September 2017
			<b>Malaysia Day</b> 16 September 2017
Study Week	18 - 24 September 2017	1 Week	
Examination	25 September - 15 October 2017	3 Weeks	<b>Maal Hijrah</b> 22 September 2017
Semester Break	16 October - 12 November 2017	4 Weeks	<b>Deepavali</b> 18 October 2017

ACTIVITIES	SEMESTER 2 13 November 2017 - 25 Mac 2018 (19 Weeks)		
	DATE	PERIOD	NOTE
Lecture	13 November - 31 December 2017	7 Weeks	<b>Birthday of Prophet Muhammad S.A.W</b> 01 December 2017  <b>Christmas Day</b> 25 December 2017
Mid Semester Break	01 - 07 January 2018	1 Weeks	-
Lecture	08 January - 25 February 2018	7 Weeks	<b>Chinese New Year</b> 16 & 17 February 2018
Study Week	26 February - 4 Mac 2018	1 Week	-
Examination	05 - 25 Mac 2018	3 Weeks	-
Semester Break	26 Mac - 03 June 2018	10 Weeks	<b>Israk Mikraj</b> 13 April 2018  <b>Labour Day</b> 01 May 2018  <b>Wesak</b> 29 May 2018  <b>Birthday of DYMM Tuanku Raja Perlis</b> 17 May2018  <b>Nuzul Al- Quran</b> 01 June 2018  <b>Birthday of SPB Yang Di-Pertuan Agung</b> 02 June 2018



## DEGREE PROGRAMME

ACTIVITIES	SEMESTER 1 4 September 2017 – 14 January 2018 (19 Weeks)			
	DATE		PERIOD	NOTE
New Intake Registration / Orientation	26 August 2017	2 September 2017	5 Days	<b>Orientation</b> 26 - 30 August 2017  <b>National Day</b> 31 August 2017  <b>Hari Raya Aidiladha</b> 01 September & 02 September 2017
Lecture	4 September 2017	15 October 2017	6 Weeks	<b>Malaysia Day</b> 16 September 2017  <b>Awal Muharam</b> 22 September 2017
Mid Semester Break	16 October 2017	22 October 2017	1 Week	<b>Deepavali</b> 18 October 2017
Lecture	23 October 2017	17 December 2017	8 Weeks	<b>Convocation</b> 28 -30 October 2017  <b>Maulidur Rasul</b> 01 December 2017
Study Week	18 December 2017	24 December 2017	1 Week	-
Examination	25 December 2017	14 January 2018	3 Weeks	<b>Christmas</b> 25 December 2017
Semester Break	15 January 2018	11 February 2018	4 Weeks	-

ACTIVITIES	SEMESTER 2 12 February 2018 – 24 June 2018 (19 Weeks)			
	DATE		PERIOD	NOTE
Lecture	12 February 2018	01 April 2018	7 Weeks	<b>Chinese New Year</b> 16 February & 17 February 2018
Mid Semester Break	02 April 2018	8 April 2018	1 Week	-
Lecture	09 April 2018	27 May 2018	7 Weeks	<b>Israk Mikraj</b> 14 April 2018  <b>Labour Day</b> 1 May 2018  <b>Birthday of DYMM Tuanku Raja Perlis</b> 17th May 2018
Study Week	28 <sup>th</sup> May 2018	03 <sup>th</sup> June 2018	1 Week	<b>Wesak Day</b> 29 <sup>th</sup> May 2018
Examination Week	04 <sup>th</sup> June 2018	24 <sup>th</sup> June 2018	3 Weeks	<b>Nuzul Al-Quran</b> 02 <sup>th</sup> June 2018  <b>Hari Raya Aidilfitri</b> 15 <sup>th</sup> & 16 <sup>th</sup> June 2018
Semester Break / Industrial Training	25 <sup>th</sup> June 2018	02 <sup>nd</sup> September 2018	10 Weeks * Industrial Training	<b>Birthday of SPB Yang Di-Pertuan Agung</b> 28 July 2018  <b>Hari Raya Aidiladha</b> 22 <sup>nd</sup> & 23 <sup>rd</sup> August 2018  <b>National Day</b> 31 <sup>st</sup> August 2018

\* Industrial Training for 3<sup>rd</sup> year students of Bachelor Of Engineering, students of Bachelor Of New Media Communication and 2<sup>nd</sup> year students of Bachelor of Business (Entrepreneurship Engineering) will start from 26<sup>th</sup> June until 3<sup>rd</sup> September 2018 (10 weeks)

\* Industrial training for 4<sup>th</sup> year student of Bachelor of Engineering Technology will start from 16<sup>th</sup> January until 30<sup>th</sup> Jun 2018 (24 Week)



# **11** STUDENTS ENROLMENTS

## **Number Of Students Registered For Degree And Diploma Programmes 2017/2018 Academic Session And Student Enrolment**

### LOCAL STUDENT

#### **YEAR 2017**

<b>38</b> Degree Programmes	(Total: <b>2,764</b> students) STPM Leavers: <b>824</b> students Matriculation Leavers: <b>685</b> students Diploma Holders: <b>1,255</b> students
<b>6</b> Diploma Programmes	(Total: <b>308</b> students) SPM Leavers: <b>308</b> students

### TOTAL

**3,072** students (Degree and Diploma Programme)

## **Number of Students Registered For Degree and Preparatory Programmes 2017/2018 Academic Session**

#### **YEAR 2017**

<b>38</b> Degree Programmes	Total: <b>437</b> students
<b>1</b> Preparatory Programmes	English Courses Total: <b>17</b> students

### TOTAL

**454** Students Degree and Preparatory Programme

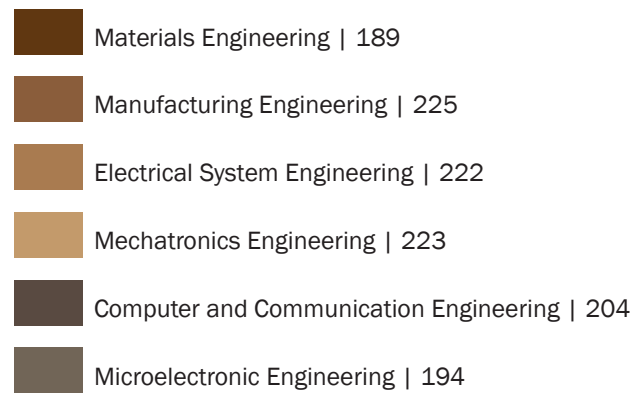
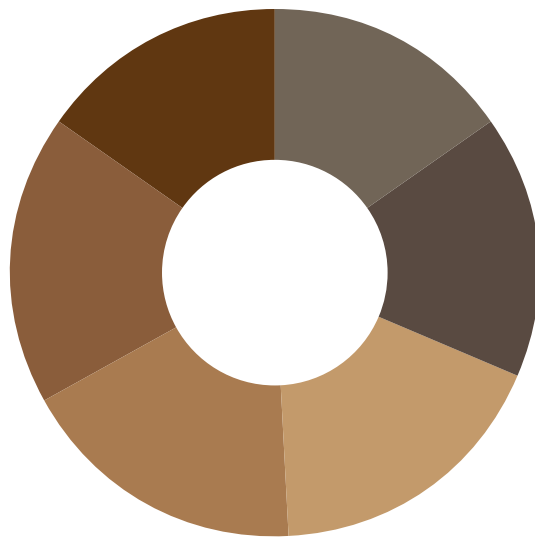
## **Number of Students Registered For Degree and Preparatory Programmes 2017/2018 Academic Session**

#### **YEAR 2017**

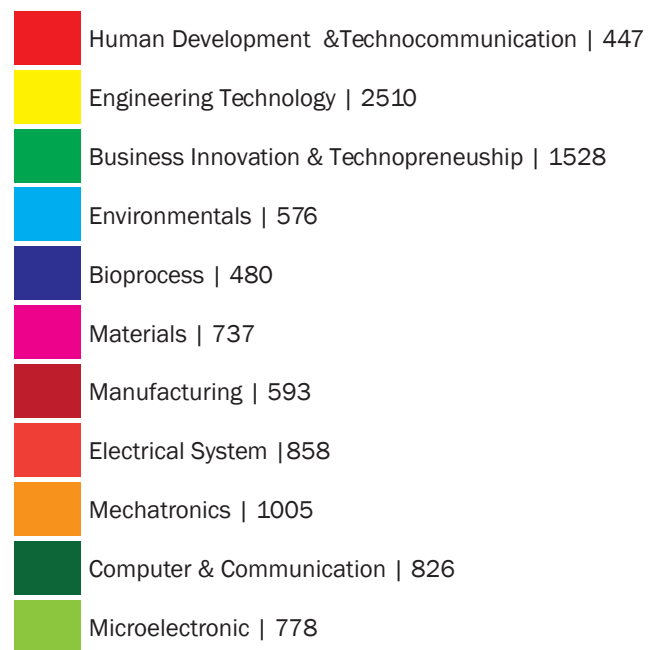
<b>38</b> Degree Programmes	Total: <b>437</b> students
<b>1</b> Preparatory Programmes	English Courses Total: <b>17</b> students

### TOTAL

**454** Students Degree and Preparatory Programme



**Figure 11.1 :** Enrolment of Undergraduate Students (Diploma) According to Schools (Academic Session 2016/2017)

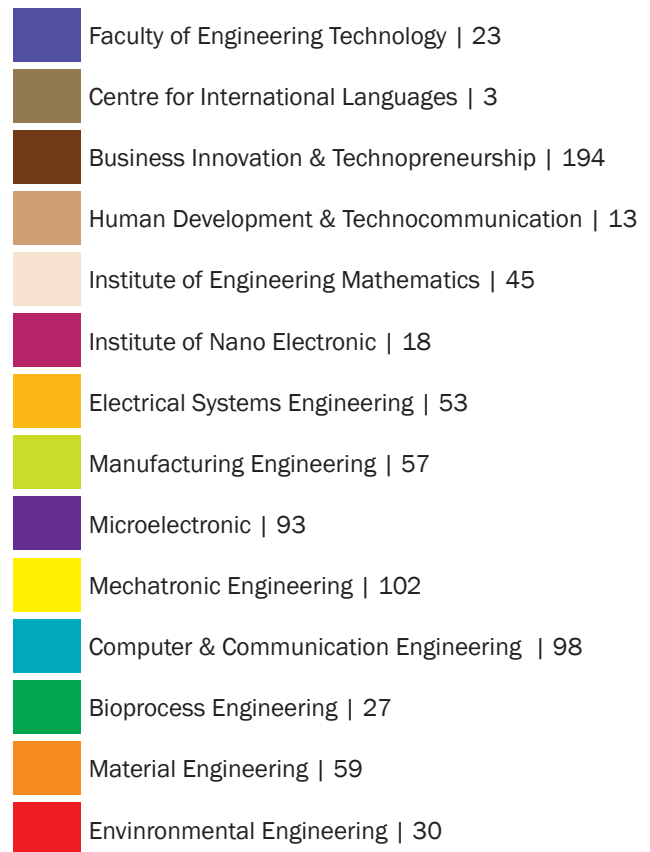


**Figure 11.2 :** Enrolment of Undergraduate Students (Degree) According to Schools (Academic Session 2016/2017)

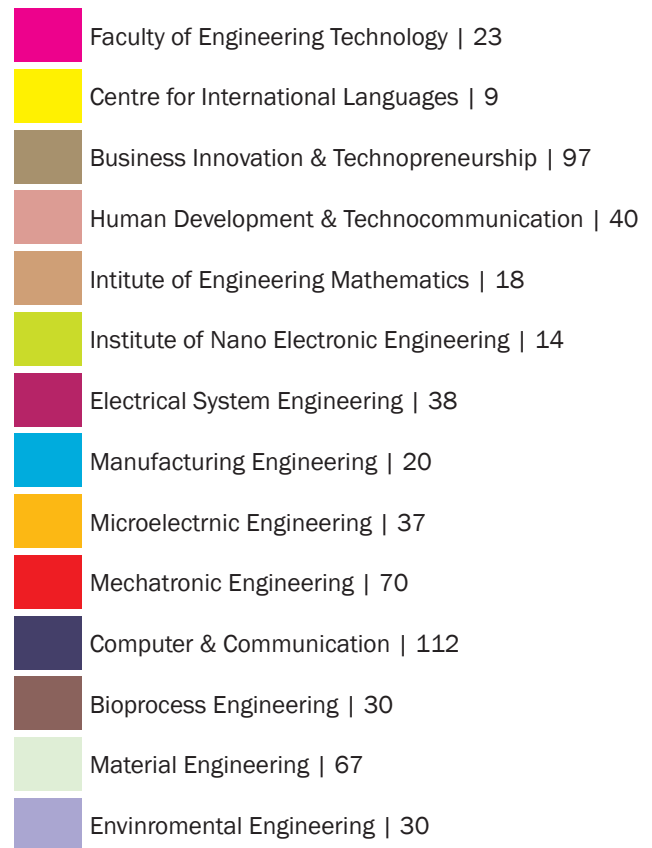
## ENROLMENTS OF INTERNATIONAL (BACHELOR'S DEGREE) STUDENTS ACCORDING TO SCHOOL : 437 STUDENTS



## ENROLMENTS OF DEGREE STUDENTS ACCORDING TO SCHOOL : 740 STUDENTS

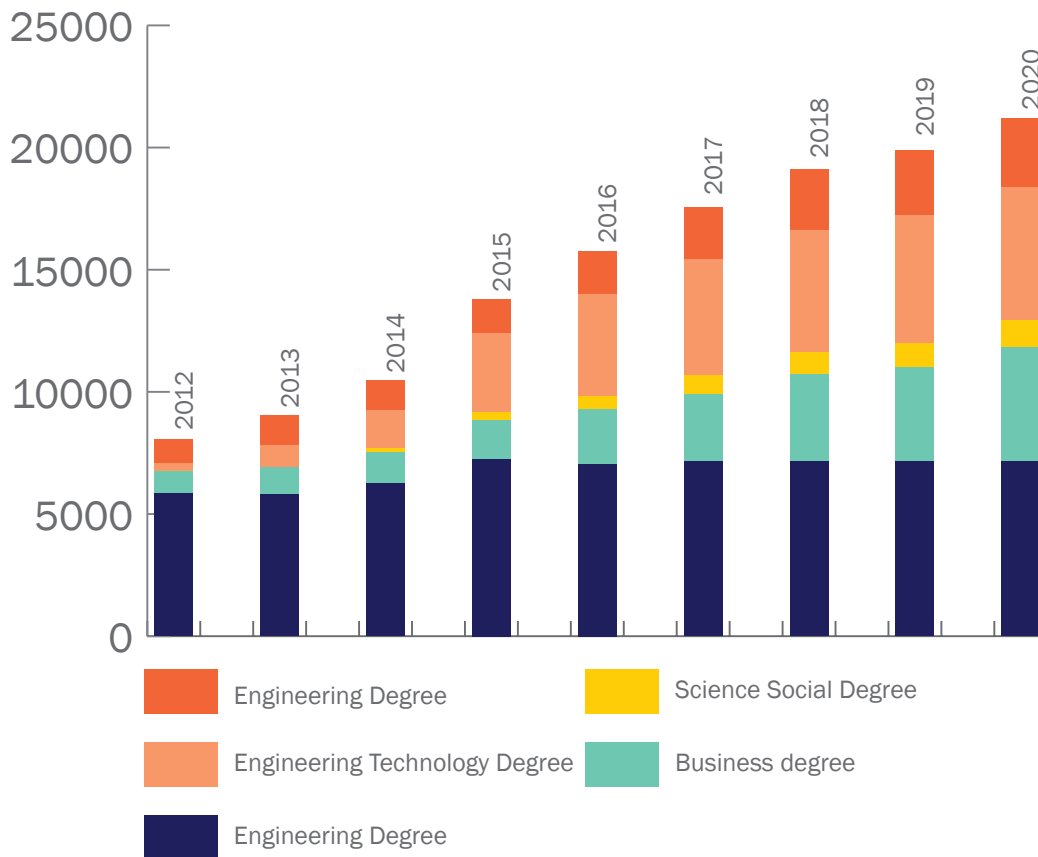


## ENROLMENTS OF DOCTOR PHILOSOPHY (Ph.D) ACCORDING TO SCHOOL : 534 STUDENTS



# 12

# STUDENTS ENROLMENTS PROJECTIONS



	2012	2013	2014	2015	2016	2017	2018	2019	2020
Engineering Degree	5838	5807	6275	7246	7055	7139	7139	7139	7139
Business Degree	937	1092	1279	1605	2212	2762	3587	3862	4687
Science Social Degree	-	-	142	325	545	770	880	990	1100
Engineering Technology Degree	296	932	1585	3223	4195	4779	4999	5220	5440
Engineering Diploma	987	1206	1225	1396	2124	2124	2524	2684	2844

**Table 13.1 : UniMAP Main Campus Location by Department**

Location	Department
Pauh Putra UniMAP Nature Campus	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, Tuanku Syed Faizuddin Putra Library, Syed Sirajuddin Areeb Putra Sports Complex, Lecture Halls Complex, Institute of Mathematic Engineering, Engineering & Innovation Centre, Teaching Factory Labs, Centre for Industrial Collaboration & Governmental Collaboration (CIGC), Store (Development Department), Motorsport Technology Research Unit, UniMAP Circuit (Go-Cart), Health Centre, Ilmu Hall (Exam), ICT Data Centre, Surau, Security Department, UniMAP FM, Islamic Centre, Centre for International Affairs, Centre of Excellence Renewable Energy (CERE), Tunku Abdul Rahman Residential College (KKA – PF11), Residential Principal Office (RPO) and Tun Abdul Razak Residential College (KKB - PFI 2)
Sungai Chuchuh UniMAP Green Campus	Institute of Sustainable Agrotechnology (INSAT) Office, Labs and Lecture Halls, 14 acres of land for Agrotechnology Station

**Table 16.2 : 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, Registrar Department, Internal Audit Unit, Legal & Integrity Unit, Library, Centre for Research Management & Development, Property Management Unit, Centre For Sustainable Academic Leadership Development and Seminar Room
TNB Building, Kangar	Bursary Department
Jalan Bukit Lagi, Kangar	Development Department, Store (Registrar Department)
Pengkalan Indah Building, Kangar	Cultural and Recreation Unit
KIK Building, Kangar	Security Department
Jln. Raja Syed Alwi, Kangar	Properties Management Unit and Mechanical Unit (Development Department)

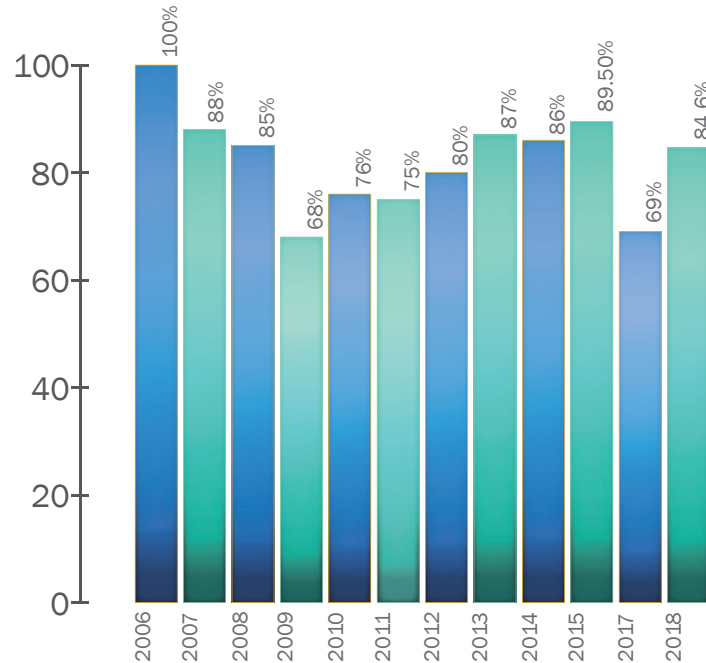


Location	Department
Taman Mewah, Kangar	Pewaris Generasi Nursery and Kindergarten UniMAP
Taman Pertiwi Indah, Seriab, Kangar	Multimedia Unit, Centre for Graduate Studies, Occupational Safety and Health Unit, Institute of Royal Institution, Studies, Leadership & Community, Centre for Corporate Development and Quality Management, Institute of Nanoelectronic Engineering, Centre for Publication, Centre Of Excellence and Seminar Rooms
Pusat Perniagaan Pengkalan Jaya, Kangar	School of Business Innovation and Technopreneurship (PPIPT), Centre Of Excellence Advanced Communication Engineering Centre (ACE), Centre Of Excellence Unmanned Aerial System (UAS) and UC Clinic
Taman Aman	International Residential College
Wang Ulu, Bintong	Tan Sri Aishah Ghani Residential College (KKG) and Clinic
Kubang Gajah	Deputy Vice Chancellor (Student Affairs and Alumni) Office, Centre for Information and Communication Technology, University House, UniMAP Gallery, Corporate Communication Unit, PALAPES Office, SUKSIS Office, RELASIS Office, Labs, Halls and Lecture Rooms
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), Labs, Halls and Lecture Rooms.
Education Centre Complex Jejawi III	School of Bioprocess Engineering, School of Environmental Engineering, Labs, Halls and Lecture Rooms
Education Centre Complex Jejawi IV	Centre for Entrepreneurship Development, Commercialisation and Intellectual Properties Management, Centre for Co-curriculum, Professor's Council Office, Office of Assistant Vice Chancellor (Entrepreneurship and Financial Sustainability), Lecture Room and Labs
Kuarters Institusi Pendidikan Simpang Empat	Tun Abdullah Ahmad Badawi Residential College (KKI)
Automart, Kuala Perlis	AMBIENCE Industry Centre of Excellence
Chalet Mukim Kurong Tengah	Guest House
Workers' Hostels Pauh	Centre for International Languages
Medan Universiti Apartments, Pauh Putra	Pauh Putra Residential College & Student Affairs and Alumni Department.
UniCITI Alam Campus	Faculty of Engineering Technology, UNICITI Alam Residential College, Centre of Diploma Studies, Clinic, Labs, Halls and Lecture Rooms
Suite 1.10, 1st Floor KHTP Business Centre Kulim Hi-Tech Park	Anjung UniMAP Kulim
Floor 26, Menara Dato' Onn (PWTC), Jalan Tun Ismail, 50480 Kuala Lumpur	Anjung UniMAP Kuala Lumpur

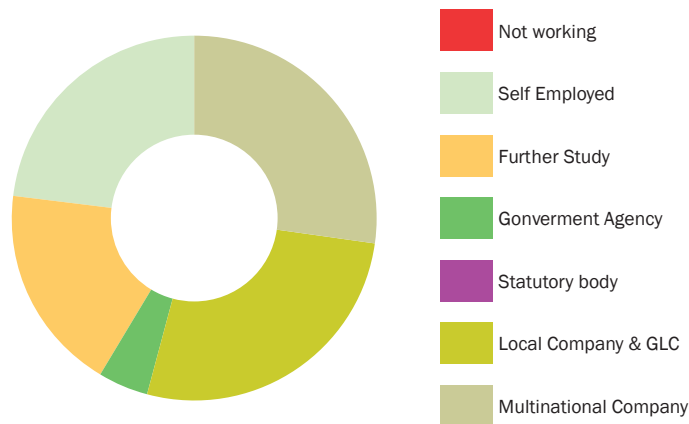
Updated : 1 November 2017  
Source : Development Department

# 14 ALUMNI YEAR'S 2006 - 2017

## PERCENTAGE EMPLOYMENT STATUS WITHIN 6 MONTHS AFTER GRADUATION YEAR 2006-2017



## PERCENTAGE OF GRADUATE EMPLOYABILITY WITHIN 6 MONTHS AFTER GRADUATION YEAR 2006-2017



# 15 RECIPIENTS OF THE HONORARY DOCTORATE AWARDS

Convocation Ceremony	Names of Recipients	Date of Conferment
Commemorative Convocation	Dato' Seri Dr. Shahidan Kassim Honorary Doctorate of Management (Hon.D.Mgt.)	17 July 2004
First Convocation	Tan Sri Dato' Musa Mohamad Honorary Doctorate of Sciences (Hon.D.Sc.)	22 July 2006
Second Convocation	Dato' Ramli Abbas Honorary Doctorate of Management (Hon.D.Mgt.)	18 August 2007
Third Convocation	Prof. Emeritus Tan Sri Dato' Dr. Syed Jalaludin Syed Salim Honorary Doctorate of Engineering (Hon.D.Eng.)	16 August 2008
Fourth Convocation	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)	
Fifth Convocation	-	-
Special Convocation	Tun Dr. Mahathir Mohamad Distinguished Honorary Doctorate of Engineering (Hon.D.Eng)	17 March 2011
	Tun Dr. Siti Hasmah Mohd Ali Distinguished Honorary Doctorate of Sciences (Hon.D.Sc.)	
Sixth Convocation	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)	

Convocation Ceremony	Names of Recipients	Date of Conferment
Seventh Convocation	Tan Sri Profesor Emeritus Datuk Dr Augustine Ong Soon Hock Honorary Doctorate of Sciences (Hon.D.Sc.)	29 September 2012
	Tun Ahmad Sarji Abdul Hamid Honorary Doctorate of Management (Hon.D.Mgt.)	
	Professor Ciarán Ó Catháin Honorary Doctorate of Management (Hon.D.Mgt.)	
	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	Tan Sri Dato Haji Zainul Ariff bin Haji Hussain Honorary Doctorate of Management (Hon.D.Mgt.)	21 September 2013
	Dato Yusof Jusoh Honorary Doctorate of Engineering (Hon.D.Eng)	
	Datuk Zakiah Hanum binti 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
Ninth Convocation	Tun Daim Zainuddin Honorary Doctorate of Economics (Hon.D.Econ.)	27 September 2014
	Dato Seri Paduka Dr. Haji Shafie bin Haji Mohd Salleh Honorary Doctorate of Management (Hon.D.Mgt)	
	Prof. Mohammed A Bin Hussain Honorary Doctorate of Science (Hon.D.Sc.)	
	Prof. Dr Ali Hussain Reshak Al-Jaary Honorary Doctorate of Engineering (Hon.D.Eng)	

Convocation Ceremony	Names of Recipients	Date of Conferment
The Tenth Convocation	Haji Tahiruddin Bin Haji Hamdan Honorary Master of Sciences (Hon.M.Sc)	25 July 2015
	Prof. Dato Dr. Ahmad Sabirin bin Arshad Honorary Doctorate of Engineering (Hon.D.Eng)	19 September 2015
	Datuk Redza Rafiq bin Abdul Razak Honorary Doktorate of Economics (Hon.D.Econ)	
	Prof. Dr. Burhanettin Uysal Honorary Doctorate of Management (Hon. D. Mgt)	
Eleventh Convocation	Tan Sri Datuk Dr. Ir. Ahmad Tajuddin Ali Honorary Doctorate of Management (Hon.D.Mgt)	22 October 2016
	Tetsuro Nishimura Honorary Doctorate of Engineering (Hon.D.Eng)	
	Jariyah binti Hashim Honorary Master of Economics (Hon.M.Econ)	
Twelve Convocation	Tun Abdullah Ahmad Badawi Honorary Doctorate of Engineering (Hon.D.Eng)	28 October 2017
	Shaharizal Haji Ariffadillah Honorary Master of Engineering (Hon.M.Eng)	

# 16 RESEARCH AND INNOVATION

**Table 16.1 : Source And Type Of Research Grants For The Period Of 2003-November 2017**

Year	2003-2010	2011	2012	2013	2014	2015	2016	2017	2003-2016	No. of Project
Type of Grant	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	
FRGS	12,220,510	1,903,213	2,975,000	4,943,505	9,289,806	6,023,015	3,279,955	2,143,300	42,778,304	625
ERGS		925,200	1,158,635	992,800					3,076,635	37
PRGS		822,700	696,000	912,000	933,000	964,400	440,000	139,000	4,907,100	32
LRGS		450,000				97,500		1,000,000	1,547,500	3
RACE			271,350		975,280.00				1,246,630	26
RAGS			1,800,000	1,799,972	528,000	943,000			5,070,972	92
Sciencefund	9,121,418	610,000	997,910	1,020,917	741,400	1,754,084			14,245,729	
Nanofund		921,000							921,000	2
Short Term Grant	3,465,252	1,138,050	32,200			239,000	1,510,000		6,384,502	568
KTP		418,160	1,235,782	939,000	681,318	105,575		197,092	3,576,927	29
MOA	1,456,820								1,456,820	10
IRPA	3,058,890								3,058,890	3
PNB	59,980								59,980	2
Special KPT Grant	547,300	160,000		1,900,000	150,000	70,000	220,000		3,047,300	11
Bio Nexus	399,000								399,000	1
Yayasan FELDA	209,000								209,000	1
Astronautic	61,500								61,500	1
Unisel (MOSTI)	90,000								90,000	1
USM-UniMAP (MOSTI)	150,000								150,000	1
Pusat Zakat P. Pinang	25,000								25,000	1
Special Research Fund (UniMAP)	309,360	255,238		215,700	30,000				810,298	25

Year	2003 -2010	2011	2012	2013	2014	2015	2016	2017	2003 -2016	No. of Project
Type of Grant	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	
Jurnal Grant Incentive (UniMAP)	135,000	165,000	180,000	445,000	825,000	1,040,000			2,790,000	257
SLAB / SLAI Incentive (UniMAP)		20,000		40,000	120,000	160,000	80,000	70,000	490,000	49
SEED Money (UniMAP)			885,000						885,000	59
KACST	1,500,000			1,784,420					3,284,420	4
UNESCO	25,000								25,000	1
MOA Technofund	432,500	823,362							1,255,862	3
Cradle Fund		150,000							150,000	1
L'Oreal		20,000	20,000	20,000	30,000				90,000	4
MTSF (Toray)		20,000	15,000		18,000				53,000	3
Siltera NCIA		2,270,000							2,270,000	1
Malaysian Communications and Multimedia Commission		421,500				497,027			918,527	3
Chief Minister's Department, Sarawak		951,799							951,799	1
National Instrument			50,000						50,000	1
MTUN COE			1,184,600		79,922				1,264,522	14
Swiftlet COE			100,700						100,700	1
Victoria University			10,000						10,000	1
Sports Grant KPT				295,000					295,000	3
Fundamental (Top Down)				597,000					597,000	4
CIMB Foundation				47,500					47,500	1
NCIA				2,900,000					2,900,000	1
Nihon Superior Japan				120,000					120,000	1
Funfiek Technology				30,000					30,000	1
I-Zest Technology				35,000					35,000	1
Perlis State Government			500,000						500,000	1
National Service Training Department			44,600						44,600	1
CREST					422,540	51,884		971,240	1,445,664	6
SME Bank				40,000					40,000	1

Year	2003 -2010	2011	2012	2013	2014	2015	2016	2017	2003 -2016	No. of Project
Type of Grant	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	Amount (RM)	
Special Grant MTUN Showcase				20,000					20,000	2
KOBE Precision				200,000					200,000	1
Aneka, Indonesia					80,000				80,000	1
B. Braun Medical Industries Sdn. Bhd.					121,942				121,942	1
Geran Sanjungan Penyelidikan (GSP)					84,660				84,660	1
FRGS Geran Khas Banjir						251,800			251,800	4
PRGS Geran Khas Banjir						38,500			38,500	1
EU Grant						2,458,525.62			2,458,525.62	1
KSB						15,000			15,000	1
Newton Fund						79,283	36,257	347,601.40	463,141.40	6
PPRN						197,700	397,965	260,712.10	865,377.10	27
European Comission REA							501,000		501,000	1
FRGS (Khas UPM)							15,000		15,000	1
Foundation for Research on Information Technologies Society (IT <sup>2</sup> S)							34,576		34,576	1
Gheorghe Asachi Technical University of Iasi								20,592	20,592	1
MOTEC GERAN (KHAS UPM)								20,000	20,000	1
Special Research Grant UniMAP							187,050	223,000	410,050	8
<b>TOTAL</b>	<b>33,266,530</b>	<b>12,445,222</b>	<b>12,156,777</b>	<b>19,297,814</b>	<b>15,110,868</b>	<b>14,986,294</b>	<b>6,701,803</b>	<b>5,392,537.5</b>	<b>119,366,845</b>	<b>2027</b>



**Table 16.2: UniMAP - Research Centre of Excellence**

No.	Name	Head/ Director	Manager	Year Establishment
1.	Centre of Excellent Geopolymer & Green Technology (CEGoeGTech)	Brig. Jen. Datuk Prof. Emeritus Dr. Kamarudin Hussin	Associate Prof. Dr. Mohd Mustapha Al-Bakri Abdullah	2010
2.	Centre of Excellent Renewable Energy (CERE)	Dr. Haziah Abdul Hamid	Dr. Baharuddin Ismail	2011
3.	Centre of Excellent Advanced Sensor Technology (CEASTech)	Dato' Prof. Dr. Ali Yeon Md. Shakaff	Dr. Ammar Zakaria	2012
4.	Centre of Excellent Advanced Communication Engineering Centre (ACE)	Prof. Dr. Syed Alwee Aljunid Syed Junid	Prof. Madya Ir. Dr. Dr. Mohd Faizal Bin Jamlos	2012
5.	Pusat Kecemerlangan Advanced Multi-Disciplinary MEMS-Based Integrated Electronics NCER (AMBIENCE)	Dato' Prof. Dr. Zul Azhar Zahid Jamal	Prof. Madya Dr. Yufridin Wahab	2012
6.	Pusat Kecemerlangan Unmanned Aerial Systems (UAS)	Prof. Dr. Hazry Desa	Dr. Zuradzman bin Mohd Razlan	2013
7.	Centre of Excellent Frontier Materials Research (CFMR)	Dato' Prof. Dr. Zul Azhar Zahid Jamal	Dr. Mohd Sobri Idris	2015
8.	Centre of Excellent Biomass Utilization	Associate Prof. Dr. Muhammad Syarhabil Ahmad	Dr. Ku Syahidah Ku Ismail	2015

**Table 16.3: Industry Centre of Excellence (ICoE)**

No.	Name	Head/ Director	Year Establishment
1.	Industry Centre Of Excellence (ICoE) Healthcare Cluster	Ir. Associate Prof. Mohabattul Zaman Bukhari	2014

**Table 19.4 : UniMAP - Institute of Engineering**

No.	Name	Head/ Director	Year Establishment
1.	Institute Of Nano Electronic Engineering (INEE)	Dr. Ruslinda A. Rahim	2008
2.	Institute of Sustainable Agro-technology (INSAT)	Associate Prof. Dr. Mahmad Nor Jaafar	2013
3.	Institute of Engineering Mathematics	Dr. Muhammad Zaini Ahmad	2007

**Table 16.5: Participation Status of National and International Design and Innovation Competition for Period January – November 2017**

Level	No	Competition/ Exhibition	Date	Place	Medal			Special Award
					Gold	Silver	Bronze	
National	1.	Malaysia Technology Expo (MTE) Award 2017	16-18 February 2017	Putra World Trade Centre (PWTC), Kuala Lumpur	3	8	8	4
	2.	International Innovation & Technology Exhibition (ITEX) 2017	11-13 May 2017	Kuala Lumpur Convention Centre (KLCC), Kuala Lumpur	10	5	-	3
	3.	The International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA) 2017	7-9 October 2017	Stadium Tertutup Kompleks Sukan Negeri Gong Badak, Kuala Nerus, Terengganu	2	-	7	-
International	1	International Trade Fair Ideas Inventions Ne Products (iENA) 2017	2-5 November 2017	Nuremberg, Jerman	2	1	-	2

**Table 16.6: Number of Published Articles by UniMAP Researchers in Journals Listed in SCOPUS Database (2003 – 31 September 2017)**

	YEAR											TOTAL
	2003 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Jan Sept 2017	
<b>SCOPUS</b>	159	161	150	239	501	748	978	1046	965	1101	828	6876
<b>Web of Science</b>	27	33	100	74	176	487	662	847	739	875	458	4478

**Table 16.7: List of Products That Are Patented (2009 – November 2017)**

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
1.	A Cast Product And Its Method Of Production	Associate Prof. Mohd Ichwan Nasution	Faculty of Engineering Technology	PI 20090633	18 February 2009	Patent Pending
2.	Recyclable Construction Materials	Dr. Ragunathan a/ Santhiago	School of Environmental Engineering	PI 20090778	26 February 2009	Patent Pending
3.	A Board And Its Production Method	Dr. Suhardy Daud	School of Materials Engineering	PI 20091352	3 April 2009	Patent Pending
4.	A Method of Producing Nanowires & Product Derives Thereof	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 20091646	23 April 2009	Patent Pending
5.	A Compact Planar And Highly Efficient Antenna For WLAN Application	Associate Prof. Dr. Azremi Abdullah Al-Hadi	School of Computer & Communication Engineering	PI 20091675	24 April 2009	Patent Pending
6.	Artificial Marble	Associate Prof. Dr. Che Mohd Ruzaidi Ghazali	Faculty of Engineering Technology	PI 20093237	2 August 2009	Patent Pending
7.	An Array Antenna For Microwave Access Application	Associate Prof. Dr. Mohd. Fareq Abd. Malek	School of Electrical Systems Engineering	PI 2010001935	29 April 2010	Patent Pending
8.	A Flying Apparatus For Aerial Agricultural Application	Prof. Dr. Hazry Desa	School of Business Innovation & Technopreneurship	PI 2010002587	4 June 2010	Patent Pending
9.	Circular Microstrip Antenna For Wide Bandwidth Applications	Associate Prof. Dr. Mohd Fareq Abdul Malek	School of Electrical Systems Engineering	PI 2010003005	24 June 2010	Patent Pending
10.	Solder Composition And Method Of Production Thereof	Dr. Mohd Arif Anuar Mohd Salleh	School of Materials Engineering	PI 2011000849	25 February 2011	Patent Pending
11.	A Method Of Producing A Bacterial Inoculum	Associate Prof. Dr. Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	PI 2011000970	3 March 2011	Patent Pending
12.	A Vehicle Monitoring System	Dr. Hasliza bt. A. Rahim @ Samsudin	School of Computer & Communication Engineering	PI 2011001061	9 March 2011	Patent Pending
13.	A Visual Surveillance System	Dr. Hasliza bt. A. Rahim @ Samsudin	School of Computer & Communication Engineering	PI 2011001692	15 April 2011	Patent Pending
14.	Omni-Directional Antenna	Dr. Soh Ping Jack	School of Computer & Communication Engineering	PI 2011002482	31 May 2011	Patent Pending

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
15.	Pomelo Tissue Culture For Antioxidant Enrichment Health Product	Associate Prof. Dr. Zarina Zakaria	Faculty of Engineering Technology	PI 2011002835	17 June 2011	Patent Pending
16.	A Method For Tunnel Barriers And Shrinking A Quantum Dot	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2011003041	24 June 2011	Patent Pending
17.	A Method To Manufacture A Nanowire Biosensor	Prof. Dr. Uda Hashim	INEE Institute of Nano Electronic Engineering	PI 2011003054	29 June 2011	Patent Pending
18.	A Method To Fabricate A Nanogap In Between Electronics	Prof. Dr. Uda Hashim	INEE Institute of Nano Electronic Engineering	PI 2011003126	4 July 2011	Patent Pending
19.	A Method Of Detecting Presence Of Suid DNA In A Biological Sample	Prof Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2011770163	11 November 2011	Patent Pending
20.	A De-Seeding Apparatus	Dr. Shayfull Zamree Abd. Rahim	School of Manufacturing Engineering	PI 2011700184	9 December 2011	Patent Pending
21.	A Flying Apparatus For Aerial Agricultural Application	Prof. Dr. Hazry Desa	PPIPT School of Business Innovation & Technopreneurship	PCT/ MY2011/000067	4 June 2011	Patent Pending
22.	A Method Of Producing A Bacterial Inoculum	Associate Prof. Dr. Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	PI 2011000970	3 March 2011	Patent Pending
23	A Method Of Coating A Geopolymer Onto An Article	Associate Prof. Dr. Mohd Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	PI 2012700134	29 March 2012	Patent Pending
24.	A Power Switching Function Generator	Dr. Rosnazri Ali	School of Electrical Systems Engineering	PI 2012700129	28 March 2012	Patent Pending
25.	An Underwater Vehicle	Prof. Dr. Hazry Desa	School of Business Innovation & Technopreneurship	PI 2012700154	4 April 2012	Patent Pending
26.	Transformerless Photovoltaic Inverter System	Dr. Muhammad Irwanto	School of Electrical Systems Engineering	PI 2012700152	4 April 2012	Patent Pending
27.	A Container With A Locking Mechanism	Associate Prof. Dr. Shahrman Abu Bakar	School of Mechatronic Engineering	PI 2012700136	30 March 2012	Patent Pending
28.	Natural And Synthetic Organic Surface Finish For Electronic Metallization Application	Dr. Mohd Arif Anuar Mohd Salleh	School of Materials Engineering	PI 2012001976	4 May 2012	Patent Pending

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
29.	Novel Multi-Purpose Green Composites	Dr. Nik Noriman Zulkepli	Faculty of Engineering Technology	PI 2012002111	14 May 2012	Patent Pending
30.	Semiconductor Materials Based Nano Devices Of Quantum Dots For High Efficiency Solar Cell Of Renewable Energy And Method Of Manufacture Thereof	Associate Prof. Dr. Yarub Al-Douri	Institute of Nano Electronic Engineering	PI 2012002112	14 May 2012	Patent Pending
31.	A Micro Fatigue Testing Machine	Dr. Haftirman	School of Mechatronic Engineering	PI 2012003208	13 July 2012	Patent Pending
32.	Lateritic Soil Biocoagulant	Dr. Wong Yee Shian	School of Environmental Engineering	PI 2012003145	11 July 2012	Patent Pending
33.	A Kit For Pregnancy Detection Using A Biosensor	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2012003209	13 July 2012	Patent Pending
34.	A Photovoltaic Uninterruptible Power Supply	Dr. Muhammad Irwanto	School of Electrical Systems Engineering	PI 2012003373	26 July 2012	Patent Pending
35.	Three-Level Single Phase Transformerless Photovoltaic Inverter For Running High AC Loads	Dr. Gomeesh Nair a/ Shasidharan	School of Electrical Systems Engineering	PI 2012003372	26 July 2012	Patent Pending
36.	Bio Composite Of Titanium Dioxide/Fish Scale	Dr. Ong Soon An	School of Environmental Engineering	PI 2012003508	3 August 2012	Patent Pending
37.	A Smart Smoke Ventilation And Power Generation System	Dr. Gomeesh Nair a/ Shasidharan	School of Electrical Systems Engineering	PI 2012003509	3 August 2012	Patent Pending
38.	A Composition Of A Microwave-Absorbing Material	Associate Prof. Dr. Mohd. Fareq Abdul Malek	School of Electrical Systems Engineering	PI 2012700489	23 July 2012	Patent Pending
39.	A Novel Water Filler Friction Composite For Use In Brake Pads	Associate Prof. Dr. Che Mohd Ruzaidi Ghazali	Faculty of Engineering Technology	PI 2012004524	10 October 2012	Patent Pending
40.	A New Measurement Method For Human Blood Plasma Separation PrecisionBased On Ultrasound	Associate Prof. Dr. Mohd. Fareq Abdul Malek	School of Electrical Systems Engineering	PI 2012004522	10 October 2012	Patent Pending

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
41.	A Novel Smart Larvicide	Associate Prof. Dr. Mohd. Mustafa Albakri Abdullah	Faculty of Engineering Technology	PI 2012004523	10 October 2012	Patent Pending
42.	System For Detecting And Monitoring Hazardous Volatile Compounds	Associate Prof. Dr. Abu Hassan Abdullah	School of Mechatronic Engineering	PI 2012700684	24 September 2012	Patent Pending
43.	A Bench-Top Mask Aligner System for Photolithography	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2012004670	19 October 2012	Patent Pending
44.	Volcano Ash Solid Geopolymer Composite And A Method Of Producing The Same	Associate Prof. Dr. Mohd. Mustafa Albakri Abdullah	Faculty of Engineering Technology	PI 2012700984	22 November 2012	Patent Pending
45.	A Novel Oxo-Biodegradable Plastics Using Natural Pro Oxidant	Dr. Sam Sung Ting	Faculty of Engineering Technology	PI 2013000062	9 January 2013	Patent Pending
46.	Natural Latex From Manihot Esculenta	Associate Prof. Dr. Hakimah Osman	School of Materials Engineering	PI 2013000350	4 February 2013	Patent Pending
47.	Kenaf Tank As Green And High Performance Composites	Dr. Rozyanty Rahman	School of Materials Engineering	PI 2013000352	4 February 2013	Patent Pending
48.	A Solar Photovoltaic And Grid Connected Electricity System With Multiple Modes Of Operations	Dr. Rosnazri Ali	School of Electrical Systems Engineering	PI 2013000808	8 March 2013	Patent Pending
49.	Adaptive Pixel Bit Selection For Low Energy Motion Estimation	Associate Prof. Dr. Asral Bahari Jambek	School of Microelectronic Engineering	PI 2013000351	8 February 2013	Patent Pending
50.	Milk Powder Quality Degradation	Dr. Irwana Nainggolan	School of Materials Engineering	PI 2013001363	17 April 2013	Patent Pending
51.	An Active Cooling System For Solar Panel	Dr. Mohd Irwan Yusoff	School of Electrical Systems Engineering	PI 2013002115	7 June 2013	Patent Pending
52.	Digital Portable Device For Detecting	Prof. Dr. Ali H. Reshak Al Jaary	School of Materials Engineering	PI 2013701287	23 July 2013	Patent Pending
53.	Portable Device For Detecting Alcohol In Any Liquid	Prof. Dr. Ali H. Reshak Al Jaary	School of Materials Engineering	PI 2013701288	23 July 2013	Patent Pending
54.	Geopolymerization Method For Soil Stabilization Application	Associate Prof. Dr. Mohd Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	PI 2013701225	11 July 2013	Patent Pending

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
55.	Geopolymer Brick Fabrication System	Associate Prof. Dr. Mohd Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	PI 2013701396	7 August 2013	Patent Pending
56.	Green Glass Powder	Dr. Faizul Che Pa	School of Materials Engineering	PI 2013701444	19 August 2013	Patent Pending
57.	A System And A Method Of Producing Granulated Solder	Associate Prof. Dr. Mohd Mustafa Al-Bakri Abdullah	Faculty of Engineering Technology	PI 2013701490	23 August 2013	Patent Pending
58.	An Apparatus For Determining Halal-State Of A Meat Sample With The Aid Of Novel Invasive Method	Prof. Dr. Ali H. Reshak Al Jaary	School of Materials Engineering	PI 2013701676	17 September 2013	Patent Pending
59.	Method Of Allocating Data To Resources In A Wireless Broadband System	Prof. Dr. R Badlishah Ahmad	School of Computer & Communication Engineering	PI 20137016969	17 October 2013	Patent Pending
60.	A System Of Detecting Bacteria Species	Prof. Dr. Ye Htut @ Mohammad Iqbal Omar	School of Mechatronic Engineering	PI 2013702076	31 October 2013	Patent Pending
61.	A PH Regulating Particel Composition	Dr. Lee Bong Beng	School of Bioprocess Engineering	PI 2013701999	23 October 2013	Patent Pending
62.	Network System Having Client Enabled To Locate Hosts And To Acquire Data Thereform	Prof. Dr. R Badlishah Ahmad	School of Computer & Communication Engineering	PI 2013702157	14 November 2013	Patent Pending
63.	Improvement In LTE-A-Cellular Network	Prof. Dr. R. Badlishah Ahmad	School of Computer & Communication Engineering	PI 2014700013	03 January 2014	Patent Pending
64.	An Intelligent Natural Indoor Air Purifier And A Monitoring System Thereof	Associate Prof. Dr. Abu Hassan Abdullah	School of Mechatronic Engineering	PI 2014700220	30 January 2014	Patent Pending
65.	A Reinforced Sandwich Panel Made From Waste Palm Shells And Empty Fruits Brunches	Dr. Du Ngoc Uy Lan	School of Materials Engineering	PI 2014700124	20 January 2014	Patent Pending
66.	Electrochemical Fabrication Of Nanoporous Alumina	Associate Prof. Dr. Mohd Nazree Derman	School of Materials Engineering	PI 2014700178	24 January 2014	Patent Pending
67.	A Photoelectrochemical Cell	Dr. Dewi Suryani Che Halin	School of Materials Engineering	PI 2014700315	12 February 2014	Patent Pending

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
68.	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	Institute of Nano Electronic Engineering	PI 2014700486	28 February 2014	Patent Pending
69.	Bioplastic Fil From Chitosan And Corn Cobs	Associate Prof. Ir Dr. Salmah Husseinsyah	School of Materials Engineering	PI 2014700312	14 February 2014	Patent Pending
70.	Watercraft	Prof. Dr. Hazry Desa	School of Business Innovation & Technopreneurship	PI 2014700946	17 April 2014	Patent Pending
71.	A Glass Fiber Reinforced Composite Pipe	Associate Prof. Dr. Mohd Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	PI 2014701034	25 April 2014	Patent Pending
72.	An Automatic Visual Printed Circuit Board (PCB) System	Associate Prof. Dr. Wan Khairunizam Wan Ahmad	School of Mechatronic Engineering	PI 2014702500	5 September 2014	Patent Pending
73.	Edible Bird Nest Shape Quality Assessment Using Machine Vision System	Dr. Fathinul Syahir Ahmad Saad	School of Mechatronic Engineering	PI 2014702505	5 September 2014	Patent Pending
74.	Design And Fabrication Of Nanogap Electrodes Using Size Reduction Technique For DNA Detection	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2014702512	5 September 2014	Patent Pending
75.	A Method For Producing Hydroxyapatite Nanoparticles	Dr. Midhat Nabil Ahmad Salimi	School of Bioprocess Engineering	PI 2014702579	11 September 2014	Patent Pending
76.	An Aerated Up-Flow Constructed Wetland	Dr. Ong Soon An	School of Environmental Engineering	PI 2014702678	19 September 2014	Patent Pending
77.	Cellulose Methacrylate As New Binder For Water Hyacinth Paper	Associate Prof. Dr. Supri A. Ghani	Faculty of Engineering Technology	PI 2014702743	24 September 2014	Patent Pending
78.	Nanocomposites With Thermoplastic Material And Fillers And Method Of Preparation Thereof	Dr. Azlin Fazlina Osman	School of Materials Engineering	PI 2014702066	25 July 2014	Patent Pending



No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
79.	Fibre-Reinforced Polymer Nanocomposites And Method Of Preparation Thereof	Dr. Azlin Fazlina Osman	School of Materials Engineering	PI 2014702062	25 July 2014	Patent Pending
80.	A Geopolymer Composition For Coating Application	Associate Prof. Dr. Mohd Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	PI 2014702295	18 August 2014	Patent Pending
81.	A Cathodic Protection System Comprising An Electrochemical Cell Connected To An Anode Buried In The Ground And A Metal Structure To Be Protected	Dr. Shaiful Rizam B. Shamsudin	School of Materials Engineering	PI 2014701894	10 July 2014	Patent Pending
82.	Design and Specifications Of Single Array And Multiple Array Gap Electrode Lab-On-Chip Sensor	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2014701121	2 May 2014	Patent Pending
83.	A Lab-On-Chip System and Method For Detection Of Biomolecules	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2014701132	5 May 2014	Patent Pending
84.	Eco-Activated Carbon Fiber Sheet For Purification	Aimi Noorliyana Hashim	School of Materials Engineering	PI 2014701142	6 May 2014	Patent Pending
85.	Fertigation Plantation Micro-Climate Monitoring System	Jefri Efendi Mohd Salih	School of Mechatronic Engineering	PI 2014701140	5 May 2014	Patent Pending
86.	Eco-Cement Composition And Method And Material For Making Same	Aimi Noorliyana Hashim	School of Materials Engineering	PI 2014701162	6 May 2014	Patent Pending
87.	Wireless Automated Fertigation Control And Remote Monitoring System	Jefri Efendi Mohd Salih	School of Mechatronic Engineering	PI 2014701193	8 May 2014	Patent Pending
88.	Intelligent Channel Selection In INEE 802.15.4 WSN 2.4 Ghz ISM Spectrum For Coexistence Mitigation	Dr. Latifah Munirah Kamarudin	School of Computer & Communication Engineering	PI 2014701328	22 May 2014	Patent Pending
89.	An Optical Flow Based Emotion Revealing For Real Time Home Applications	Dr. M. Murugappan	School of Mechatronic Engineering	PI 2014701982	21 July 2014	Patent Pending

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
90.	System And Method For Malodour Detection To Diagnose Disease In Farm Birds	Associate Prof. Dr. Abu Hassan Abdullah	School of Mechatronic Engineering	PI 2014702294	18 August 2014	Patent Pending
91.	A Polystyrene Adhesive	Dr. Mohd Afendi Rojan	School of Mechatronic Engineering	PI 2014702338	21 August 2014	Patent Pending
92.	Systems And Methods For Pairwise Biological Sequence Alignment	Dr. Mohd Nazrin Md Isa	School of Microelectronik Engineering	PI 2014702437	28 August 2014	Patent Pending
93.	Fabrication Of Dye Sensitized Solar Cell With An Organic Dye From Keriang Dot	Dr. Gomesh Nair a/l Shashidaran	School of Electrical Systems Engineering	PI 2014702577	11 September 2014	Patent Pending
94.	A Natural Dye Sensitized Solar Cell Using Erioglossum Rubiginosum Fruit As Source For Dye-Sensitiser	Dr. Nor Azura Malini Ahmad Hambali	School of Microelectronik Engineering	PI 2014702842	29 September 2014	Patent Pending
95.	Nano-Sensors And Methods For Manufacturing Thereof	Dr. Muhammad Mahyiddin Ramli	School of Microelectronik Engineering	PI 2014702865	29 September 2014	Patent Pending
96.	Three-Phase Multilevel Inverter With Variable Frequency	Dr. Baharudin Ismail	School of Electrical Systems Engineering	PI 2014703429	17 November 2014	Patent Pending
97.	Smart Surveillance System	Dr. Hasliza A Rahim @ Samsuddin	School of Computer & Communication Engineering	PI 2014702458	27 August 2014	Patent Pending
98.	A Detachable Power Driven Unit For Instantly Transforming Manual Wheel Chair Into Motorized Unit	Associate Prof. Dr. Shahrman Abu Bakar	School of Mechatronic Engineering	PI 2014703170	27 October 2014	Patent Pending
99.	A Method Of Producing Silicon Nanowire	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2014703284	5 November 2014	Patent Pending
100.	DNA Nano Chips Based Tio Interdigitated Electrode (IDE) Nanobiosensor For Early Detection Of Servical Cancer	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2014703411	14 November 2014	Patent Pending

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
101.	DNA Biochip With Titanium Dioxide Coated Interdigitated Electrodes Nanoparticles For Escherichia Coli Detection	Prof. Dr. Uda Hashim	Institute of Nano Electronic Engineering	PI 2014703422	17 November 2014	Patent Pending
102.	Asymmetrical Double Gate Ultra-Thin SoI MOSFETs	Dr. Mohd Khairuddin Md Arshad	Institute of Nano Electronic Engineering	PI 2015700349	05 February 2015	Patent Pending
103.	A Method To Extract Dietary Fiber From Mango Fruit	Noor Shazliana Aizee Abidin	School of Bioprocess Engineering	PI 2015700176	22 January 2015	Patent Pending
104.	Automated Hygienic Hand Wash System	Associate Prof. Dr. Zol Bahri Hj. Razali	School of Mechatronic Engineering	PI 2015701254	20 April 2015	Patent Pending
105.	Method For Efficient Production Of Biofuel	Dr. Midhat Nabil Ahmad Salimi	School of Bioprocess Engineering	PI 2015701258	21 April 2015	Patent Pending
106.	Low Speed Wind Energy Harvesting Methods And Systems Thereof	Nor Hanisah Baharudin	School of Electrical Systems Engineering	PI 2015001678	29 June 2015	Patent Pending
107.	A Graphene Sensors And Methods For Manufacturing Thereof	Dr. Muhammad Mahyiddin Ramli	School of Microelektronik Engineering	PI 2015001679	29 June 2015	Patent Pending
108.	A High Dietary Fiber Food Product And Methods For Making Thereof	Noor Shazliana Aizee Abidin	School of Bioprocess Engineering	PI 2015001680	29 June 2015	Patent Pending
109.	A Multiple Port Antenna Array Of A Mobile Terminal	Associate Prof. Dr. Azremi Abdullah Al-Hadi	School of Computer & Communication Engineering	PI 2015001683	29 June 2015	Patent Pending
110.	A High Linearity Radio Frequency Mixer	Dr. Sohiful Anuar Bin Zainol Murad	School of Microelektronik Engineering	PI 2015702344	20 July 2015	Patent Pending
111.	Wind Turbine Generator Test Bench	Nor Hanisah Baharudin	School of Electrical Systems Engineering	PI 2015703525	2 October 2015	Patent Pending
112.	A Method For Controlling And Preventing Corrosion At Potential Of Zero Charge	Dr. Shaiful Rizam Shamsudin	School of Materials Engineering	PI 2015703887	29 October 2015	Patent Pending

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
113.	Nanophotonics Synthesised On Semiconductors Substrates For Optical Dielectric Strip (High-Index Channel) For Optical Waveguides	Associate Prof. Dr. Yarub Al-Douri	Institute of Nano Electronic Engineering	PI 2015703913	30 October 2015	Patent Pending
114.	Complex Nanostructures For Detecting Biomolecules	Associate Prof. Dr. Yarub Al-Douri	Institute of Nano Electronic Engineering	PI 2015704430	3 December 2015	Patent Pending
115.	Nanophotonics Deposited On Semiconductor Substrates For Optical Rib (High-Index Ridge) For Optical Waveguides, Renewable Energy And Biomedical Applications	Associate Prof. Dr. Yarub Al-Douri	Institute of Nano Electronic Engineering	PI 2015704693	21 December 2015	Patent Pending
116.	Design and mixture for anti-radiation pozzolan-polymeric cementations material	Associate Prof. Dr. Mohd. Mustafa Albakri Abdullah	Faculty of Engineering Technology	PI 2015700660	3 March 2015	Patent Pending
117.	An Automatic Multiaxial Pressure Testing Rig For Qualification Of Glass/Epoxy Composite Pipes	Associate Prof. Ir. Dr. Mohd Shukry Abdul Majid	School of Mechatronic Engineering	PI 2015700298	2015	Patent Pending
118.	Method of Fabrication of a Piezoelectric Based Micro-Cantilever for use in Sensing Applications	Associate Prof. Dr. Yufridin Wahab	School of Microelectronic Engineering	PI 2016701708	12 May 2016	Patent Pending
119	A Method Of Producing a Biocomposite Cobalt-Based Alloy	Associate Prof. Dr. Mohd. Mustafa Albakri Abdullah	Faculty of Engineering Technology	PI 2016703192	01 September 2016	Patent Pending
120.	Environment Friendly Composite Construction Materials	Associate Prof. Dr. Mohd. Mustafa Albakri Abdullah	Faculty of Engineering Technology	US 008337612B2	25 Disember 2012	Patent Granted
121.	Cement Composition and A Method Of Producing An Environmentally Friendly Concrete	Associate Prof. Dr. Mohd Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	MY-148054-A	28 February 2013	Patent Granted

No	Title Of Innovations	Researchers	School/ Faculty	Filing/ Registration Number	Date of filing	Status
122.	Reduction Of Carbon Dioxide In The Manufacturing Of Composites Construction Materials	Associate Prof. Dr. Mohd Mustafa Al Bakri Abdullah	Faculty of Engineering Technology	US 8580029B2	12 November 2013	Patent Granted
123.	A Dielectric Loaded Helical Antenna	Dr. Soh Ping Jack	School of Computer & Communication Engineering	MY-152594-A	31 October 2014	Patent Granted
124.	Solventless Essential Oil Extractor	Associate Prof. Dr. Muhammad Syarhabil Ahmad	School of Bioprocess Engineering	MY-156276-A	29 January 2016	Patent Granted
125.	An Alloy And A Sacrificial Anode Produce Thereform	Dr. Shaiful Rizam Shamsudin	School of Materials Engineering	MY-155246-A	30 September 2015	Patent Granted
126.	Super WiFi Utilization From TV White Space Spectrum (TVWS)	Associate Prof. Ir. Dr. Faizal Jamlos	School of Computer & Communication Engineering	PI 201700626	28 April 2017	Patent Pending

**Table 19.8: List of Commercialized Products (2009 – November 2017)**

No.	Title Of Invention	Name Of Inventors	Commercialisation Model
1.	Artificial Marble	Associate Prof. Dr. Che Mohd Ruzaidi Ghazali YBhg. Brig. Jen. Datuk Prof. Emeritus Dr. Kamarudin Hussin	Direct Sale
2.	Dr. Soh's Repellent	Prof. Dr. Awang Soh @ Yusoff Mamat	Direct Sale
3.	MeeGo	Noor Shazliana Aizee Abidin	Direct Sale
4	Aquasense	Dr. Ammar Zakaria	Direct Sale

Table 19.9: Financial Statement for Consultation Activities 2008 – November 2017

**Table 19.9: Financial Statement for Consultation Activities 2008 – November 2017**

No	Department	2008 - 2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
1	The Centre for Industrial and Government Collaboration	276,612.00	138,306.00	69,153.00	153,672.00	153,672.00	1,553,672.00	60,716.40			2,405,803.40
2	School of Mekatronic Engineering	18,920.00	226,498.00	603,969.00	116,970.00	43,080.00		20,000.00	4,982.00	5,424.54	1,039,843.54
3	Centre of Information and Communications Technology	200,000.00		19,040.00	50,000.00		570,000.00	300,000.00	146,745.00	394,339.61	1,680,124.61
4	School of Material Engineering	148,492.00		63,174.00	18,720.00	50,800.00	61,978.96	3,983.00			347,147.96
5	UniMAP Library		120,000.00		52,000.00	20,000.00					192,000.00
6	Teaching Factory	62,276.00	3,780.98								66,056.98
7	Engineering Centre	18,237.70	32,821.00	31,051.56		24,000.00					106,110.26
8	School of Environmental Engineering		50,580.00	6,335.00						792.40	57,707.40
9	School of Bioprocess Engineering		47,214.00	7,965.60		4,500.00		2,598.76	4,223.00	1,981.13	68,482.49
10	School of Computer and Communications Engineering	14,022.00	28,000.00	21,200.00	22,455.00		30,000.00				115,677.00
11	Anjung UniMAP KL		29,909.00	89,520.00	58,925.00	21,998.00	8,502.00		49,770.00		258,624.00
12	Agrotechnology Unit		22,382.50	6,352.50							28,735.00
13	School of Human Development and Technocommunication	20,140.00									20,140.00
14	Institute of Nano Electronic Engineering	19,920.00								7,783.03	27,703.03
15	Engineering Mathematics Institute		17,858.50			5,400.00				15,905.36	39,163.86
16	School of Manufacturing Engineering		6,000.00					13,000.00		11,106.04	30,106.04
17	School of Electrical System Engineering			67,300.00			8,864.00				76,164.00

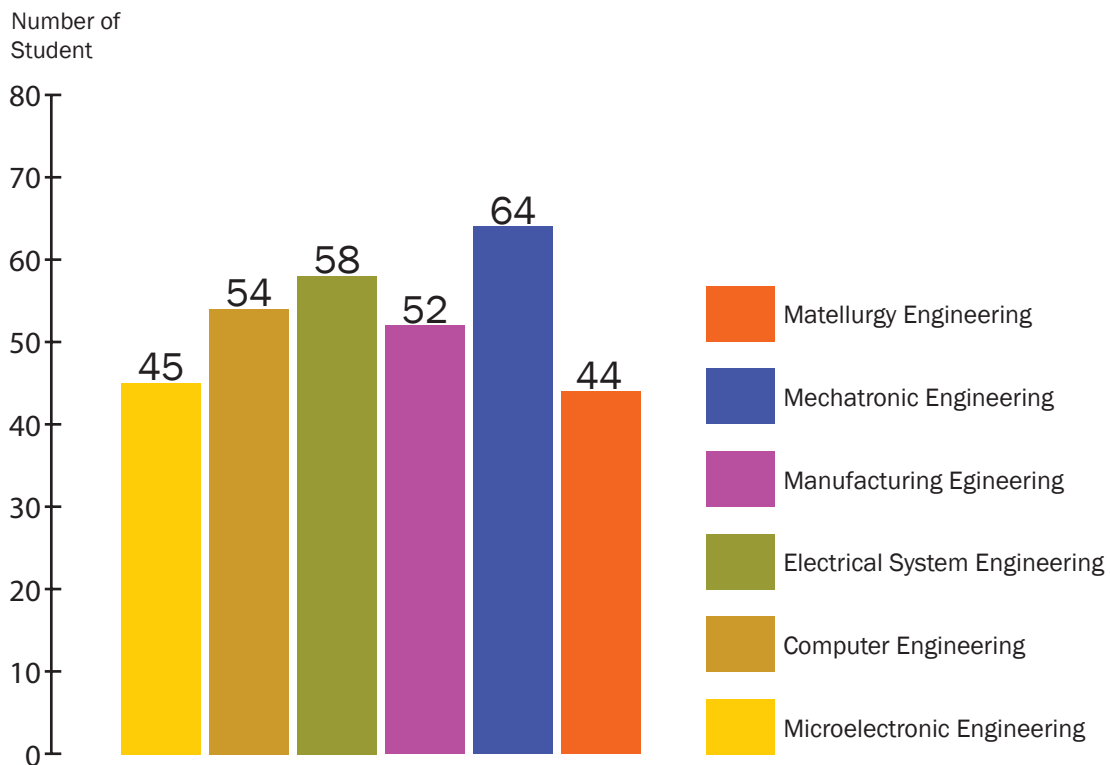
No	Department	2008 - 2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
18	School of Business Innovation and Technopreneurship				1,247,370.00						1,247,370.00
19	AMBIENCE						5,000.00	124,500.00			129,500.00
20	Anjung Kulim	352,700.00	7,836.00				2,233,016.96	22,000.00	12,720.00	18,000.00	2,646,272.96
21	Puspek							49,000.00		5,000.00	54,000.00
22	Faculty of Engineering Technology							106,227.90	22,000.00	547.23	128,775.13
24	CEASTECH							49,000.00	111,958.00		160,958.00
25	Multimedia						106,227.90		7,000.00		113,227.90
26	Centre of International Language								77,055.00		77,055.00
23	Desasiswa								40,158.48		40,158.48
24	Diploma Study Centre								3,367.92		3,367.92
25	Registrar Department								19,009.53		19,009.53
26	Vice Chancellor Office								12,626.79		12,626.79
27	Islamic Centre								3,924.06		3,924.06
	<b>TOTAL</b>	<b>982,827.70</b>	<b>879,677.98</b>	<b>985,060.66</b>	<b>1,720,112.00</b>	<b>323,450.00</b>	<b>4,471,033.92</b>	<b>857,253.96</b>	<b>436,453.00</b>	<b>539,966.12</b>	<b>11,195,835.34</b>

**Table 19.10: Number of Scholarly Publishing by UniMAP Press 2003 – November 2017**

No	Type of Publications	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
1	Book	12	10	20	21	17	22	20	13	13	148
2	Electronic Book (E-Book)	-	-	-	-	-	-	8	10	16	34
2	Journal	2	2	5	8	3	6	6	6	6	44
3	Teaching Module	4	3	1	3	2	2	6	1	1	23
4	Laboratory Module	16	18	8	-	-	-	-	-	-	42
5	Others	6	7	10	36	37	19	15	5	19	154
<b>TOTAL</b>		<b>40</b>	<b>40</b>	<b>44</b>	<b>68</b>	<b>59</b>	<b>49</b>	<b>55</b>	<b>35</b>	<b>55</b>	<b>445</b>



**Total Of Students Diploma Industrial Training Programmed Semester 2 2016/2017**

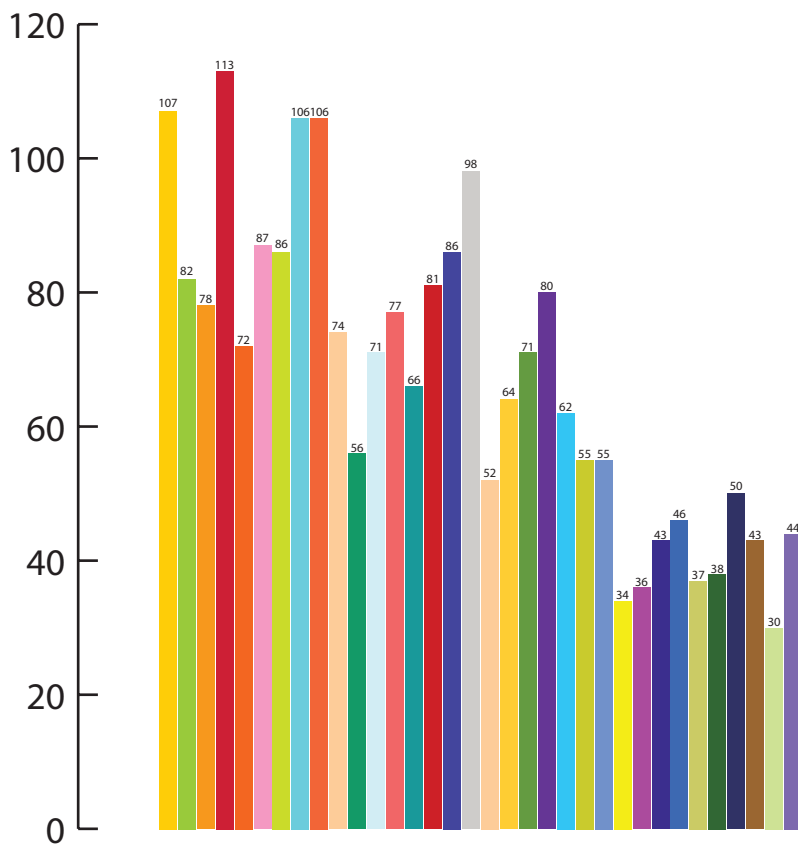






### Total Of Students Degree Industrial Training Programmed Semester 2 2016/2017

Total of Student



- Material Processing
- Product Development
- Agricultural Systems
- Machining
- Integrated Electronic
- Electronic Network Design
- Electronic Telecommunication Design
- Electronic System
- Robotic and Automation Technology
- Industrial Power
- Industrial Biotechnology
- Industrial Chemical Process
- Construction
- Electrical Energy System Engineering
- Computer Network Engineering
- Biosystems Engineering
- Photonic Engineering
- Electronic Engineering
- Biomedical Electronics Engineering
- Product Design Engineering
- Metallurgical Engineering
- Communication Engineering
- Industrial Electronic Engineering
- Polymer Engineering
- Bioprocess Engineering
- Mechatronics Engineering
- Electrical System Engineering
- Computer Engineering
- Manufacturing Engineering
- Materias Engineering
- Mechanical Engineering
- Environmental Engineering
- Microelectronic Engineering
- Civil Engineering

# 18 INTERNATIONAL NETWORK

**Table 18.1: Number of MoU According to Nation within the Period of 2010-2017**

No.	Country	Total
1.	Australia	1
2.	Bangladesh	1
3.	Bosnia	1
4.	Bulgaria	1
5.	Cambodia	3
6.	China	4
7.	Czech Republic	4
8.	Egypt	3
9.	France	1
10.	India	4
11.	Indonesia	23
12.	Iran	1
13.	Iraq	1
14.	Ireland	2
15.	Japan	4
16.	Lithuania	1
17.	Myanmar	2
18.	Pakistan	2
19.	Philippines	4
20.	Poland	3
21.	Russia	1
22.	Romania	2
23.	Saudi Arabia	2
24.	Singapore	1
25.	South Africa	2
26.	South Korea	4
27.	Sri Lanka	2
28.	Sudan	1
29.	Thailand	13
30.	Turkey	1
31.	Ukraine	1

No.	Country	Total
32.	United Kingdom	2
33.	United States of America	2
34.	Yemen	1
35.	Zambia	1

**Table 18.2: Details of International MoU According to Nation and Continent in the Period of 2010-2017**

## ASIA

No.	University/Institute	Country
1.	Daffodil International	Bangladesh
2.	Norton University	Cambodia
3.	Cambodia International University	Cambodia
4.	Cambodian University of Specialist	Cambodia
5.	Yunan Agricultural University	China
6.	University of Electronic Science & Technology of China	China
7.	Yangzhou University	China
8.	Anhui University	China
9.	Vellore Institute of Technology University	India
10.	Vels University Cennai	India
11.	University of Karpagam	India
12.	Sri Ramakrishna Institute of Technology India	India
13.	Universitas Sumatera Utara	Indonesia
14.	Universitas Padjajaran	Indonesia
15.	Universitas Pembangunan Panca Budi	Indonesia
16.	Universitas Dharmawangsa	Indonesia
17.	Universitas Quality	Indonesia
18.	Universitas Sisigamangaraja XII Tapanuli	Indonesia
19.	Universitas Setia Budi Mandiri	Indonesia
20.	Universitas Amir Hamzah	Indonesia
21.	Universitas Medan Area	Indonesia
22.	Sekolah Tinggi Teknologi Immanuel	Indonesia
23.	Sekolah Tinggi Teknologi Harapan	Indonesia
24.	Sekolah Tinggi Manajemen Informatika dan Komputer Ubudiyah	Indonesia
25.	Politeknik Unggul LP3M	Indonesia
26.	Akademi Perawat Imelda	Indonesia
27.	Petra Christian University	Indonesia
28.	Sekolah Tinggi Ilmu Ekonomi Harapan	Indonesia
29.	Universitas Surabaya	Indonesia
30.	Universitas Islam Sumatera Utara Medan	Indonesia

No.	University/Institute	Country
31.	Ubudiyah Foundation Aceh	Indonesia
32.	Institut Teknologi Medan	Indonesia
33.	Universitas Muhammadiyah Surabaya	Indonesia
34.	Universitas Jabal Ghafur	Indonesia
35.	Universitas Tanjung Pura Pontianak	Indonesia
36.	Sharif University Of Technology	Iran
37.	University of Anbar	Iraq
38.	Josai International University Japan	Japan
39.	Josai University Educational Cooperation	Japan
40.	Joining and Welding Research Institute, Osaka University Japan	Japan
41.	University of Yamanashi Japan	Japan
42.	Yangon Technological University	Myanmar
43.	Mandalay Technological University	Myanmar
44.	Greenwich University Karachi	Pakistan
45.	NED University of Engineering & Technology	Pakistan
46.	Bicol University	Philippines
47.	Philippine Normal University	Philippines
48.	Pangasinan State University Lingayen	Philippines
49.	University of Northern Philippines	Philippines
50.	King Abdul Aziz City for Science and Technology	Saudi Arabia
51.	Buraydah Private College Al-Qassim	Saudi Arabia
52.	QS Asia Quacquarelli Symonds	Singapore
53.	Korea Invention Academy (KIA) & Korea Invention News (KINEWS)	South Korea
54.	Dongseo University	South Korea
55.	Inha University	South Korea
56.	Andong National University Gyeongbuk	South Korea
57.	Wayamba University	Sri Lanka
58.	International College of Business & Technology	Sri Lanka
59.	Maejo University	Thailand
60.	Thaksin University	Thailand
61.	Bangkok University	Thailand
62.	Hatyai Univeristy	Thailand
63.	Prince of Songkhla University	Thailand
64.	Nakthon Pathom Rajabhat University	Thailand
65.	Rajamangala University of Technology Srivijaya	Thailand
66.	Srinakharinwirot University	Thailand
67.	Siam University	Thailand

No.	University/Institute	Country
68.	Maharakham University	Thailand
69.	Walailak University	Thailand
70.	Christian University	Thailand
71.	King Mongkut University of Technology North Bangkok	Thailand
72.	Benevolent Fund of Outstanding Students (BFOS)	Yemen

## OCEANIA

No.	University/Institute	Country
1.	University of Queensland	Australia

## EUROPE

No.	University/Institute	Country
1.	University of Sarajevo	Bosnia
2.	University of Chemical Technology and Metallurgy	Bulgaria
3.	Czech Technical University in Prague	Czech Republic
4.	University of South Bohemia Ceske Bodejovice, Prague	Czech Republic
5.	Institute of Chemical Technology (ICT) Prague	Czech Republic
6.	University of West Bohemia	Czech Republic
7.	Ecole Nationale Supérieure D'Ingenieurs De Caen	France
8.	Institute of Technology Ireland	Ireland
9.	Institute of Technology Ireland	Ireland
10.	Mykolas Romeris University	Lithuania
11.	Leon Kozminski University	Poland
12.	Warsaw University of Technology	Poland
13.	National Defence University in Warsaw	Poland
14.	Romanian Inventor Forum	Romania
15.	Transilvania University of Brasov	Romania
16.	Moscow Aviation Institute	Russia
17.	Karabuk University	Turkey
18.	National Technical University KYIV Polytechnic Institute	Ukraine
19.	The Oxford Centre Islamic Studies	United Kingdom
20.	Department of Materials Science & Metallurgy University of Cambridge	United Kingdom

## AFRICA

No.	University/Institute	Country
1.	Nahda University	Egypt
2.	Cairo University	Egypt
3.	The Egyptian Society For Women & Youth Inventor	Egypt
4.	Al-Faalah College Durban	South Africa

No.	University/Institute	Country
5.	Darul Ihsan Islamic Service Centre	South Africa
6.	Omdurman Islamic University	Sudan
7.	Livingstone International University of Tourism Excellence and Business Management	Zambia

## NORTH AMERICA

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

Number of MoU: 102  
Number of Country: 35

## INTERNATIONAL STUDENT

**Table 18.3 : Number of International Students According to Nation and Study**

No.	Country	Study Level				Total By Country
		Phd	Master	Degree	Iec*	
1.	Algeria	7		1		8
2.	Arab Saudi	2				2
3.	Bangladesh	17	2	2	1	22
4.	Cameron			1		2
5.	Cambodia		1			1
6.	Chad			13	1	14
7.	China		1	2		3
8.	Canada		1			1
9.	India	3	2			5
10.	Denmark			1		1
11.	Djibouti			1		1
12.	Egypt			22	2	24
13.	Eritrea			4	1	5
14.	Ethopia			2		2
15.	India			1		1
16.	Indonesia	27	6	6	3	42
17.	Iraq	37	20	10		67
18.	Jordan	44	11	8		63
19.	Kenya			1		1
20.	Libya	20	6	1		27
21.	Mesir		3			3
22.	Mali			1		1
23.	Mauritania			2		2
24.	Myanmar	1		16		17

No.	Country	Study Level				Total By Country
		Phd	Master	Degree	Iec*	
25.	Niger			1		1
26.	Nigeria	17	10	5		32
27.	Pakistan	6	1	0		7
28.	Palestine	1		4		5
29.	Somalia		1	87	3	91
30.	Sudan	2	1	47	1	51
31.	Sri Lanka		1			1
32.	Syria	3	6	13		22
33.	Thailand	1	1	1	2	5
34.	Tunisia	1	1			2
35.	Uk			1		1
36.	Usa	1				1
37.	Uzbekistan	1		5		6
38.	Vietnam			2	1	3
39.	Yemen	15	10	176	2	203
<b>Total</b>		<b>206</b>	<b>85</b>	<b>437</b>	<b>17</b>	<b>746</b>

## STUDENT EXCHANGE PROGRAMMES

**Table 18.4 : 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	2
		Hatyai University	1
3.	2008	Trisakti University, Indonesia	5
		Cologne University of Applied Science	2
		Walailak University	2
		Universitas Diponegoro	6
		Cologne University of Applied Science	1
		Institut Teknologi Medan	4
4.	2009	Tampere University of Technology (TUT), Finland	5
		Prince of Songkla, Thailand	3
		Xinjiang Polytechnic College, China	3

No.	Year	University/ Country	Total
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	1
8	2013	Universitas Tanjungpura, Indonesia	15
		Walailak University	2
9	2014	Walailak University	6
		Universitas Tanjungpura, Indonesia	7
10	2015	Walailak University	14
		Nahda University, Egypt	13
11	2016	Th-Köln-University Of Applied Science, German	2
12	2017	University Of Plymouth, United Kingdom	1
		Liverpool John Moores University, United Kingdom	1
		Ma'ahad Ehya' Essunnah Al- Muhammadiyah, Sadoa. Thailand	5
		Nahda University, Mesir	8
		Thaksin University, Thailand	1
		Walailak University	1
		Rajamanggala University Of Technology Srivijaya	27
<b>TOTAL</b>			168

**Table 18.5 : UniMAP Exchange Programmes to Abroad 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, Jerman	2
		Trisakti University, Indonesia	2
		Prince of Songkla, Thailand	1



No	Year	University / Country	Figure (person)
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, Jerman	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
8	2014	Japan –East Asia Network Of Exchange For Student And Youth (Jenesys 2.0) Batch 11	8
		Peking University, Beijing China	3
		Inha University South Korea	4
		Universitas Sepuluh Nopember. Indonesia	2
9	2015	Petra Christian University, Indonesia	2
		Dongseo University, Japan	1
		Inha University South Korea	3
		Universitas Sepuluh Nopember. Indonesia	4
		Petra Christian University, Indonesia	2
11	2016	Nahda University, Mesir	8
		Universitas Ubudiyah Indonesia, Medan	21
12	2017	National Technical University Of Athens, Greece	2
		Universitas Tanjungpura, Kalimantan Barat Indonesia	10
		Czech Technical University, Prague.	3
		Guangdong University, China	15
		Prince Of Songkla University, Pattani Campus	2
		Rajamanggala University Of Technology Srivijaya	25
<b>TOTAL</b>			<b>191</b>

**Table 18.6 : UniMAP International Visits /Official Visit/Conference/Seminar/Research) In The Period 2006 - May 2014**

No.	Country	Total
1.	Thailand	61
2.	Indonesia	67
3.	United Kingdom	21
4.	China, Singapore	13
5.	USA	11
6.	Japan	15
7.	India	9
8.	Vietnam	11
9.	Australia	7
10	Singapore	8
11.	German	7
12	Brunei Darussalam, South Korea, New Zealand, Ireland	4
12.	Uzbekistan	3
13	France, Spain, Belanda, Switzerland, Taiwan, Spain, Italy, Jordan, Philliphines, Saudi Arabia, Cambodia, Romania	7
14	Bangladesh, Finland, Portugal, Belgium, Czech Republic, Arab Saudi, Hong Kong, Yemen, Sudan, Istanbul, Mauritius, Libya, Cuba, Laos, Croatia, Iran, Egypt, Hong Kong, South Africa, Poland	8
15	Myanmar	15
16.	Turkey	4
17.	Kazastan	5
18.	South Korea	10

No. of Visit : 286

No. of Country: 54

**Table 18.7: International Visitors to UniMAP From 2006-MEI 2014**

Year	Visit/Guest	Total
2017	Thailand : Walailak Universiti	10
	Thailand : Prince of Songkhla University	25
	Indonesia : Universitas Pembangunan Masyarakat Medan, Indonesia Ikatan Wanita Pembangunan Indonesia (IKAWAPI)	35
	China : Kunming	30
	Japan : University of Yamanashi	26
	Poland : Jagiellonian University In Krakow	3
	Italy : University of Sassari, Italy	1

Year	Visit/Guest	Total
2016	Indonesia : Koordinasi Pengurusan Tinggi Swasta (kopertis) Wilayah XIII, Aceh, Indonesia	28
	Indonesia : Yayasan Pendidikan Tinggi Harapan Sekolah Tinggi Ilmu Ekonomi Harapan, Medan, Indonesia	18
	Arab Saudi : Babaker Trading & Contracting	3
2015	Thailand : Walailak University, Thaksin University, Hatyai University	56
	Turkey : Karabuk University	5
	India : Vels University	14
2014	Indonesia : Universitas Muhammadiyah Surabaya, Universitas Djuanda Bogor	2
	Republik Czech : Institute of Chemical Technology	1
	Poland : National Defence University, Jagiellonian University Krakow, Warsaw University	3
	Japan : Kyoto University	1
	Thailand : Christian University, Prince of Songkhla University, Walailak University, Thaksin University, Phuket Rajabhat University	6
	Egypt : Nahda University	2
	Gambia : Islamic Online University	1
	KSA : Babaker Trading & Contracting	1
	Bangladesh : Daffodil University	
	South Korea : Pukyong National University	
Turkey : Karabuk University	1	
2013	Indonesia : Universitas Islam Sumatera Utara, (UISU), University Cenderawasih, Petra Christian University	3
	Thailand : Maejo University, Chiangmai, Thailand, Rajamangala University 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
	Korea Selatan : Inha University, Korea Selatan, 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	

Year	Visit/Guest	Total
2012	<b>Indonesia</b> : Universitas Islam Sumatera Utara (UISU), Madrasah Aliyah Negeri,	2
	<b>Thailand</b> : Pathon Rajabhat Thailand, Rajamangala University of Srivijaya, Prince of Songkhla (PSU), Walailak University, King Mongkut University North Bangkok	5
	<b>Uzbekistan</b> : Tashkent Financial Institute, Tashkent State Technical University & Uzbek State World Language University	3
	<b>Sudan</b> : Omdurman Islamic University	1
	<b>New Zealand</b> : University of Canterbury	1
	<b>Japan</b> : Embassy of Japan	1
	<b>Australia</b> : Australian High Commission Malaysia	1
	<b>Sri Lanka</b> : Wayamba University of Sri Lanka	1
	<b>South Korea</b> : Inha University,	1
	<b>Peru</b> : Embassy of Peru	1
	<b>Ecuador</b> : Embassy of Ecuador	1
<b>Ireland</b> : Athlone Institute of Technology	1	
2011	<b>Indonesia</b> : Universitas Sumatera Utara (USU), Medan, Kopertis Sumatera Utara & Aceh, Indonesia, Yogyakarta School of Environment Engineering (YSEE)	3
	<b>Thailand</b> : Thayaiwittaya School, Hadyai, Islamic Private School Association, Songkhla, Walailak University, Prince of Songkla, Pattani Campus, Thailand	4
	<b>Bangladesh</b> : Heritage Consultant Ltd	1
	<b>Vietnam</b> : PetroVietnam University	1
	<b>German</b> : Cologne University Applied Sciences	1
	<b>South Korea</b> : Hanbat National University	1
	<b>Australia</b> : Macquarie University, Sydney, Australia	1
	<b>China</b> : Beijing Normal University	1
<b>Republik Czech</b> : University of South Bohemia	1	
2010	<b>Yemen</b> : Al-Jaziera College	1
	<b>Thailand</b> : Rajamangala University of Thailand	1
	<b>Bangladesh</b> : Heritage Consultant Ltd	1
	<b>China</b> : University of Yunnan Agricultural	1
	<b>New Zealand</b> : Prof Krzystof, University of Canterbury	1
	<b>Uzbekistan</b> : Tashkent Automobile & Road Construction Institute (TARCI)	1
	<b>Arab Saudi</b> : College of Applied Medical Sciences, King Saud University	1
	<b>Mauritius</b> : Prof Ameenah Gurib Fakem, University of Mauritius	1

Year	Visit/Guest	Total
2009	<b>Indonesia</b> : Sekolah Menengah Kejuruan (SMK), Yayasan Pendidikan Tunas Pelita, Medan, Universitas Jenderal Soedirman (UNSOED), Universitas Trisakti, Indonesia	3
	<b>United Kingdom</b> : Prof. Barry Wayne Williams (System Electric External Examiner)	1
	<b>New Zealand</b> : Auckland International, The University Auckland	1
	<b>Japan</b> : Yamanashi University	1
	<b>Uzbekistan</b> : Uzbekistan's Cultural Troupe	1
	<b>Thailand</b> : Walailak University	1
	<b>China</b> : Xinjiang Polytechnic College	1
2008	<b>Indonesia</b> : Yayasan Sriwijaya, Universitas Sumatera Utara (USU), Institut Teknologi Medan (ITM), Universitas Negeri Semarang (UNNES), Universitas Syiah Kuala (Unsyiah)	5
	<b>China</b> : University of Shanghai for Science and Technology, Dr. Wong & Ma Gang (University of Shanghai for Science & Technology (USST))	2
	<b>Iraq</b> : Al-Akhyat Group	1
	<b>Thailand</b> : 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
	<b>United Kingdom</b> : Dr. Terry Jeyes, Deputy Chief Executive and Academic Director, Northern Consortium United Kingdom (NCUK), Ms Paremila, Director for Regional Office, University of Leeds, Prof. David Barton, University of Leeds	3
	<b>Switzerland</b> : Swiss Asean Technical Institute (SATi) and Swiss Embassy	1
	<b>Nigeria</b> : Gabenor of Nigeria	1
2008	<b>Japan</b> : Japan Ambassador, Muroran Institute of Technology	2
	<b>Sudan</b> : University of Medical Sciences & Technology (UMST)	1
	<b>Ireland</b> : Athlone Institute Technology (AIT)	1

Year	Visit/Guest	Total
2007	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}, Prof. Karl Kohlhof	3
	United Kingdom : Loughborough University	1
	Arab Saudi : 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
2006	Thailand : Hatyai University, Prince of Songkla University (PSU) {2 times}, Thaksin University	4
	Australia : Prof. 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 : Prof. Takeo Kanade, Carnegie Mellon University (CMU)	1
United Kingdom : Sheffield University	1	

No. of Visitors : 422

No. of Country: 35

# 19 TUITION FEES

## Tuition Fees For Engineering Programmes

Tuition fees and other related fees:

**A. • Non-Recurring Fees:**

• Orientation	RM 200.00
• Student Development	RM 150.00
• Student Registration	RM 40.00
• Student Card	RM 70.00
• Medical Check-Up Fees	RM 70.00
• Family Takaful Insurance	RM 60.00
• Co-Curriculum Fees	RM 200.00

---

**Total Non-Recurring Fees** **RM 790.00**

---

**B. • Recurring Fees:**

• Study Fees	RM 800.00
• Accommodation Provident Fund	RM 450.00
• Health Provident Fund	RM 45.00
• Student Welfare Provident Fund	RM 40.00
• Transportation Charges	RM 40.00
• Hostel(Desasiswa) Activities	RM 35.00

---

**Total Recurring Fees** **RM 1,410.00**

---

**Total** **RM 2,200.00**

Students are required to pay RM 2,200.00 (total Non-Recurrent Fees and Recurrent Fees).

However, the total of Recurring Fee amounting to RM 1,410.00 is chargeable for every semester.

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

## Tuition Fees For Business Programmes

Tuition fees and other related fees:

**A. • Non-Recurring Fees:**

• Orientation	RM 200.00
• Student Development	RM 150.00
• Student Registration	RM 40.00
• Student Card	RM 70.00
• Medical Check-Up Fees	RM 70.00
• Family Takaful Insurance	RM 45.00
• Co-Curriculum Fees	RM 200.00

---

**Total Non-Recurring Fees** **RM 775.00**

---

**B. • Recurring Fees:**

• Study Fees	RM 650.00
• Accomodation Provident Fund	RM 450.00
• Health Provident Fund	RM 45.00
• Student Welfare Provident Fund	RM 40.00
• Transportation Charges	RM 40.00
• Hostel(Desasiswa) Activities	RM 35.00

---

**Total Recurring Fees** **RM 1,260.00**

---

**Total** **RM 2,035.00**

Students are required to pay RM 2,035.00 (total Non-Recurrent Fees and Recurrent Fees).

However, the total of Recurring Fee amounting to RM 1,260.00 is chargeable for every semester.

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



## Tuition Fees For Diploma Programmes

Tuition fees and other related fees:

**A. • Non-recurring Fees:**

• Orientation	RM 200.00
• Student Development	RM 150.00
• Student Registration	RM 40.00
• Student Card	RM 70.00
• Medical Check-Up Fees	RM 70.00
• Family Takaful Insurance	RM 45.00
• Co-Curriculum Fees	RM 200.00

---

**Total Non-recurring Fees** **RM 775.00**

---

**B. • Recurring Fees:**

• Study Fees	RM 400.00
• Accomodation Provident Fund	RM 450.00
• Health Provident Fund	RM 45.00
• Student Welfare Provident Fund	RM 40.00
• Transportation Charges	RM 40.00
• Hostel(Desasiswa) Activities	RM 35.00

---

**Total Recurring Fees** **RM 1,010.00**

---

**Total** **RM 1,785.00**

Students are required to pay RM 1,785.00 (total Non-Recurring Fees and Recurring Fees).

However, the total of Recurring Fee amounting to RM 1,010.00 is chargeable for every semester.

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

## Tuition Fees For Engineering Technology Programmes

Tuition fees and other related fees:

**A. • Non-Recurring Fees:**

• Orientation	RM 200.00
• Student Development	RM 150.00
• Student Registration	RM 40.00
• Student Card	RM 70.00
• Medical Check-Up Fees	RM 70.00
• Family Takaful Insurance	RM 60.00
• Co-Curriculum Fees	RM 200.00

---

**Total Non-Recurring Fees** **RM 790.00**

---

**B. • Recurring Fees:**

• Study Fees	RM 800.00
• Accomodation Provident Fund	RM 450.00
• Health Provident Fund	RM 45.00
• Student Welfare Provident Fund	RM 40.00
• Transportation Charges	RM 40.00
• Hostel(Desasiswa) Activities	RM 35.00

---

**Total Recurring Fees** **RM 1,410.00**

---

**Total** **RM 2,200.00**

Students are required to pay RM 2,200.00 (total Non-Recurrent Fees and Recurrent Fees).

However, the total of Recurring Fee amounting to RM 1,410.00 is chargeable for every semester.

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

## Tuition Fees For New Media Communication Programmes

Tuition fees and other related fees:

**A. • Non-Recurring Fees:**

• Orientation	RM 200.00
• Student Development	RM 150.00
• Student Registration	RM 40.00
• Student Card	RM 70.00
• Medical Check-Up Fees	RM 70.00
• Family Takaful Insurance	RM 45.00
• Co-Curriculum Fees	RM 200.00

---

**Total Non-Recurring Fees** **RM 775.00**

---

**B. • Recurring Fees:**

• Study Fees	RM 650.00
• Accomodation Provident Fund	RM 450.00
• Health Provident Fund	RM 45.00
• Student Welfare Provident Fund	RM 40.00
• Transportation Charges	RM 40.00
• Hostel(Desasiswa) Activities	RM 35.00

---

**Total Recurring Fees** **RM 1,260.00**

---

**Total** **RM 2,035.00**

Students are required to pay RM 2,035.00 (total Non-Recurrent Fees and Recurrent Fees).

However, the total of Recurring Fee amounting to RM 1,260.00 is chargeable for every semester.

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

## TUITION FEES FOR POSTGRADUTE 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-RECURRING FEES\*

	Malaysian	International
Registration	RM30.00	RM230.00 (Master)    RM330.00 (Ph.D)
Student Card	RM70.00	RM70.00
Orientation	RM150.00	RM150.00
Alumni RM 100.00	RM100.00	
Personal Bond	-	RM2000.00
Medical check-up	-	RM250.00
	<b>RM350.00</b>	<b>RM2600.00</b>

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

#### (III) RECURRING FEES (PER SEMESTER)

Health Insurance	RM40.00
(for international only)	RM300.00 (yearly)
Library	RM100.00
Laboratory	RM150.00

#### (IV) THESIS EVALUATION FEE (END OF PROGRAMME)

Doctor of Philosophy	RM1500.00
Master of Science	RM1000.00
Re-examination Ph.D	RM1000.00
Re-examination MSc.	RM750.00

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

## 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
<b>TOTAL</b>	<b>RM4000.00</b>	<b>RM5500.00</b>

### (II) NON-RECURRING FEES\*

	Malaysian	International
Registration	RM30.00	RM 230.00
Student Card	RM70.00	RM70.00
Orientation	RM150.00	RM150.00
Alumni	RM100.00	RM100.00
Personal Bond	-	RM2000.00
Medical check-up	-	RM250.00
<b>TOTAL</b>	<b>RM350.00</b>	<b>RM2800.00</b>

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

### (III) RECURRING FEES (PER SEMESTER)

Health Insurance	RM40.00
(for international only)	RM300.00 (yearly)
Library	RM100.00
Laboratory	RM150.00

### (IV) DISSERTATION EVALUATION FEE (END OF PROGRAMME)

Dissertation Evaluation	RM750.00
Re-Examination (if required)	RM300.00

## Coursework

### (I) TUITION FEES

	Local	International
Tuition Fees	RM300.00 x 42 units	RM400.00 x 42 units
<b>TOTAL</b>	<b>RM12600.00</b>	<b>RM16800.00</b>

---

### (II) NON-RECURRING FEES\*

	Malaysia	International
Registration	RM30.00	RM230.00
Student Card	RM70.00	RM70.00
Orientation	RM150.00	RM150.00
Alumni	RM100.00	RM100.00
Personal Bond	-	RM 2000.00
Medical check-up	-	RM 250.00
<b>TOTAL</b>	<b>RM350.00</b>	<b>RM2800.00</b>

---

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

---

### (III) RECURRING FEES (PER SEMESTER)

Health Insurance	RM40.00
(for international only)	RM300.00 (yearly)
Library	RM100.00
Laboratory	RM150.00

---

### (IV) DISSERTATION EVALUATION FEE (END OF PROGRAMME)

	Malaysia	International
Dissertation Evaluation	RM500.00	RM750.00
Dissertation Re-examination (if required)	RM300.00	RM300.00

Source: Treasury and Centre for Graduate Studies TUITION FEES SCHEDULE

# 1.0 Intensive English Course – CENTRE FOR COMMUNICATION SKILLS AND ENTREPRENEURSHIP

**Length of Study:** 18 Weeks

**Course Structure:** 18 Weeks (mix of face to face teaching and structure self study hours), 5 hours study per day.

**Intake:** October/November and April Academic Year

## FEES

No	Type Of Fees	English Course (Ringgit Malaysia/RM)
1	English Course Fees	5,000.00
2	Orientation	200.00
3	Student's Registration	240.00
4	Student Card	70.00
5	Health Insurance	300.00
6	Library	100.00
7	Transportation Charges	30.00
8	Medical Checkups	250.00
9	Student Health Provident Fund	40.00
10	Personal Bond *	2,000.00
11	Accommodation Provident Fund - Starting from October Intake 2015	1,920.00
12	Text Books & IEC Module	500.00
<b>Total (including accommodation)</b>		<b>10,650.00</b>

**Note:** Students will need to repeat the English course after failing the first attempt, and students are expected to pay another RM 2,320.00 until students have gain the English requirement for entering into the degree course at UniMAP.

No	Type Of Fees	English Course (Ringgit Malaysia/RM)
1	Student's Registration	30.00
2	Health Insurance	300.00
3	Transportation Charges	300.00
4	Student Health Provident Fund	40.00
5	Accommodation Provident Fund - Starting from October Intake 2015	1,920.00
<b>Total (including accommodation)</b>		<b>2,320.00</b>

Processing fee of USD 32.00 - none refundable and to be paid before the application form processing.

\* The personal bond is refundable upon completion of the study; however the refund is subjected to the terms and conditions set by the university.

## 2.0 Bachelor of Business – SCHOOLS OF BUSINESS INNOVATION AND TECHNOPRENEURSHIP

### FEES

**Non Recurrent Fees:** One time Payment for studying whole course at UniMAP.

No	Type of Fees	Business Programmes (Ringgit Malaysia/RM)
1	Orientation	200.00
2	Student Development	150.00
3	Students Registration	240.00
4	Student Card	70.00
5	Personal Bond *	2,000.00
6	International Student Association	30.00
7	Medical Checkup	250.00
8	Alumni	100.00
9	Convocation (RM130.00 + 6% GST)	137.80
10	Curriculum	200.00
<b>Total Non Recurrent Fee</b>		<b>3,377.80</b>

Student only needs to pay once for this Non Recurrent Fee total RM 3,377.80 during the whole study at UniMAP. This fee **MUST** be paid before or upon registration day.

\* The personal bond is refundable upon completion of the study; however the refund is subjected to the terms and conditions set by the university.

**Recurrent Fees:** Fees will need to be paid every year.

No	Type of Fees	Business Programmes (Ringgit Malaysia/RM)
1	Study Fee	3,000.00 per year
2	Accommodation Provident Fund	depends on the types of room, please refer Appendix 1, Table 1
3	Health Provident Fund	90.00
4	Student Welfare Provident Fund	80.00
5	Transportation Charges	80.00
6	Hostel (Desasiswa) Activities	70.00
7	Health Insurance - once a year	300.00
8	Library	200.00
<b>Total Recurrent Fee</b>		<b>3,820.00</b>
<b>Total (RM 3,377.80 + RM 3,820.00) (excluding accommodation)</b>		<b>7,197.80</b>

For the first year beginning session, students are required to pay RM 7,197.80 (Total Non Recurrent Fees and Recurrent Fees, excluding accommodation fees).

While for the next following years, students only need to pay total of Recurrent Fees RM 3,820.00 (excluding accommodation fees).



## Total Fees for Three (3) Years Education

### SCHOOLS OF BUSINESS INNOVATION AND TECHNOPRENEURSHIP

#### BACHELOR OF BUSINESS

Type of Fees	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total Fees for 3 years
	RM	RM	RM	RM
Total Recurrent Fees	3,820.00	3,820.00	3,820.00	11,460.00
Total (excluding accommodation)	7,197.80	3,820.00	3,820.00	14,837.80

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

## 3.0 Bachelor of Engineering - Schools of Engineering

### FEES:

**Non Recurrent Fees:** One time Payment for studying whole course at UniMAP

No	Type of Fees	Engineering Programmes (Ringgit Malaysia/RM)
1	Orientation	200.00
2	Student Development	150.00
3	Students Registration	240.00
4	Student Card	70.00
5	Personal Bond *	2,000.00
6	International Student Association	30.00
7	Medical Checkup	250.00
8	Alumni	100.00
9	Convocation (RM130.00 + 6% GST)	137.80
10	Curriculum	200.00
Total Non Recurrent Fees		3,377.80

Student only needs to pay once for this Non Recurrent Fee total RM 3,377.80 for the whole semester at UniMAP. This fee MUST be paid before or upon registration.

\* The personal bond is refundable upon completion of the study; however the refund is subjected to the terms and conditions set by the university.

Recurrent Fees – Fees will need to be paid every year.

**Recurrent Fees** : Fees will need to be paid every year.

No	Type of Fees	Engineering Degree (Ringgit Malaysia/RM)
1	Study Fees	RM 4,000.00 per year
2	Accommodation Provident Fund	depends on the types of room, please refer Appendix 1, Table 1
3	Health Provident Fund	90.00
4	Student Welfare Provident Fund	80.00
5	Transportation Charges	80.00
6	Hostel (Desasiswa) Activities	70.00
7	Health Insurance - once a year	300.00
8	Library	200.00
Total Recurrent Fees		4,820.00
Total (RM 3,377.80+RM 4,820.00) (excluding accommodation)		8,197.80

For the first year beginning session, students are required to pay RM 8,197.80 (Total Non Recurrent Fees and Recurrent Fees, excluding accommodation fees).

While for the next following years, students only need to pay total of Recurrent Fees RM 4,820.00 (excluding accommodation fees).

Total Fees for Four (4) Years Education

## Total Fees for Four (4) Years Education

### SCHOOLS OF ENGINEERING (BACHELOR OF ENGINEERING)

Types of Fees	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	Total Fees for 4 years
	RM	RM	RM	RM	RM
Total Non Recurrent Fees	3,377.80	NIL	NIL	NIL	3,377.80
Total Recurrent Fees	4,820.00	4,820.00	4,820.00	4,820.00	19,280.00
Total (excluding accommodation)	8,197.80	4,820.00	4,820.00	4,820.00	22,657.80

Note: All Fees and other charges are liable to review and change without prior notice and subjected to the University.

## 4.0 Payment Rates for Renounce of Study Period

The payment rates are:-

- Charges will be waived for students who quit before the semester begins.
- Students who quit after the semester begins, but before the mid-term break, will have to pay half charges. Other continual charges need to be paid fully and are not returnable.
- Students who quit after the mid-term break will be fully charged.



## 5.0 Study Postponement Payment

- Charges will be waived for students who wish to postpone studies, with Senates' approval.
  - Half payment will be charged to students who get the Senates' approval before the mid-term break.
  - Students who get the Senates' approval after the mid-term break will be fully charged.
- 

## 6.0 Failure to Settle Payments

- Students who fail to settle payments will be barred from examinations.
- Student Pass Approval Procedures
- All students who have been offered to study in Malaysia are required to have a Student Pass approval before entering Malaysia. To process the application of a Student Pass, a student is required to submit 2 certified photocopies of all pages of his/her passport and 3 passport-sized photographs.
- Student who has been offered to study in Malaysia is required to possess a passport with a validity date that covers the period of study.
- Students who have previously applied/registered in any one of the institutions in Malaysia and possess a Student Pass under that institution are required to get a letter of release from the said institution in order to cancel the Student Pass. Otherwise application for Student Pass under UniMAP cannot be processed and thus will cause a delay in registration.
- Students who are in possession of Professional Pass will be required to apply for "Permission to Study". Documents required for the application for permission to study is as stated in 11.1 above.
- Students who enter Malaysia before obtaining the Student Pass approval is required to pay a sum of Ringgit Malaysia/RM 500.00 for Journey Performed Visa (JP visa).
- Expiry of Social Visit Pass is the sole responsibility of the student.
- Students are advised to enter Malaysia and register within the validity period (3 months from the date of issue) given for a Student Pass approval.

**HOSTEL FEE FOR UNDERGRADUATE PROGRAMME (INTERNATIONAL STUDENTS)  
SA 2017/2018**

Category	Type Of Resident	Student	Semester	Rate/Day	Day / Semester	Total
Without Sponsor/ Sponsor	All Resident	New Student	Sem 1 2017/2018	RM12.00	142	RM1,704.00
			Sem 2 2017/2018	RM12.00	133	RM1,596.00
		Student Year 2 - 4	Sem 1 2017/2018	RM12.00	133	RM1,596.00
			Sem 2 2017/2018	RM12.00	133	RM1,596.00

**PAYMENT METHOD**

Fees can be paid using the payment slip at any branch of Bank Muamalat Malaysia Berhad

**ACCOUNT NAME** : Bendahari Universiti Malaysia Perlis  
**ACCOUNT NUMBER** : 0901-0001334-71-1

Please send the copies of the payment slip as proof of payment at : **JABATAN BENDAHARI**

**ALLOCATION AND EXPENDITURE FROM 2010 - OCTOBER 2017**

	2013	2014	2015	2016	2017 (7/11/2017)
Allocation from Government	185,096,852.00	228,352,580.50	229,060,091.00	240,922,528.00	203,326,589.00
Internal Funding	52,288,587.00	33,156,080.00	55,234,950.66	26,167,100.00	28,098,873.00
Total Allocation	237,385,439.00	261,508,660.50	284,295,041.66	267,089,628.00	231,425,462.00
Expenditure	237,385,439.00	261,508,660.00	284,295,041.66	266,816,849.00	201,421,150.00
% Expenditure	100.00	100.00	100.00	99.90	87.03