



Universiti Malaysia Perlis

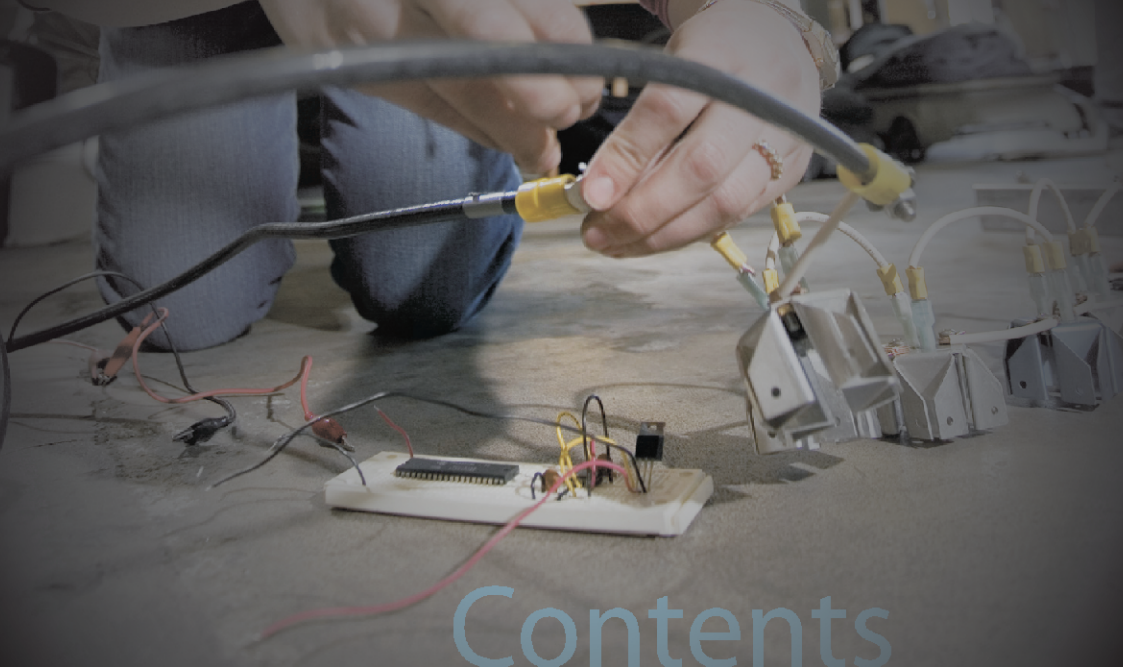
InfoUniMAP

KNOWLEDGE • SINCERITY • EXCELLENCE

www.unimap.edu.my

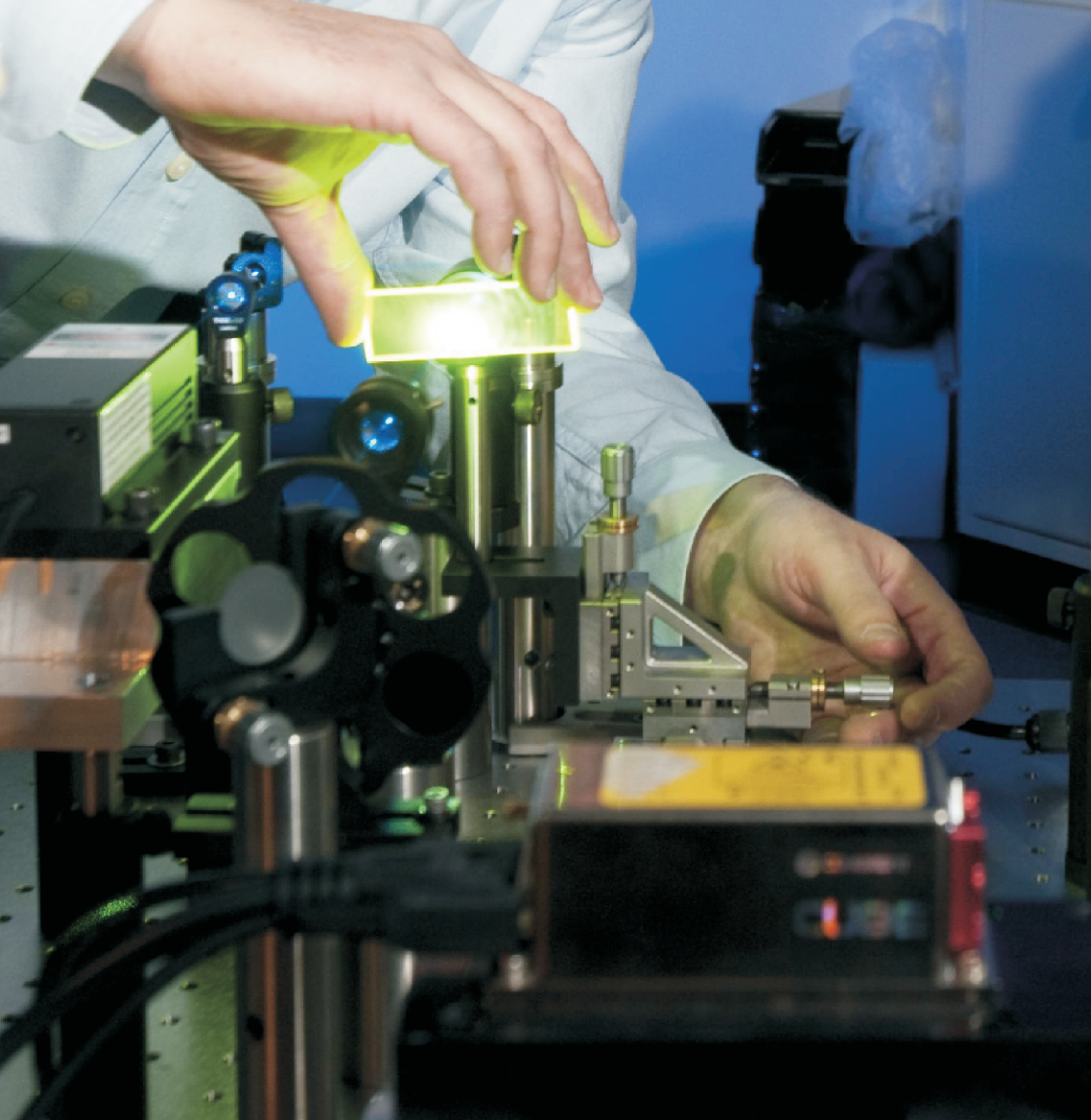
JANUARY - JUNE
2011





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MISSION

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

VISION

An internationally competitive academic and research institution.

ADMINISRTATIVE STRUCTURE

CHANCELLOR

His Highness, Tuanku Syed Faizuddin Putra Ibni Tuanku Syed Sirajuddin Jamalullail D.K., S.P.M.P.
Crown Prince of Perlis

PRO-CHANCELLOR

Her Highness, Tuanku Hajjah Lailatul Shahreen Binti Dato' Khalil Akashah S.P.M.P.
Crown Princess of Perlis

BOARD OF DIRECTORS

- | | |
|--|------------------------------------|
| Yang Berbahagia Tan Sri Dato' Seri Dr. Haji Zainul Ariff Bin Haji Hussain
P.S.M., P.J.N., S.P.S.K., S.P.M.P., P.N.B.S., D.G.P.N., D.M.S.M., D.G.M.K.,
S.I.M.P., D.S.A.P., P.G.D.K., D.M.P.N., D.P.M.P., J.S.M. | - Chairman |
| Yang Berbahagia Brigadier General Dato' Professor Dr. Kamarudin Hussin
D.S.P.J., P.A.T., K.A.T., A.M.P.
Vice Chancellor of UniMAP | - Member (Chief Executive Officer) |
| Yang Berbahagia Datin Prof. Ir. Dr. Siti Hamisah Bt Tapsir
Deputy Director of General (Sector IPTS) | - Member |
| Yang Berhormat Tuan Abdul Rasid Sudin
Perlis State Legal Advisor | - Member |
| Yang Berbahagia Dato' Dr. Mohd Sofi bin Osman
D.S.P.N., P.K.T.
Chief Executive Officer
Advanced Micro Devices (AMD) Export Sdn. Bhd. | - Member |
| Yang Berbahagia Ir.Dr. Gue See Sew
Chief Executive Officer
G&P Professionals Sdn. Bhd. | - Member |
| Yang Berbahagia Mr. Yahya Abd. Aziz
Assistant to the Senior Director of Industrial Relation and Commercialization
Division of Industrial Relation and Commercialization | - Replacement Member |
| Yang Berusaha Zuber bin Hj. Mohamad
Chief Assistant Registrar of UniMAP | - Hon. Secretary |



PRINCIPAL OFFICERS

Yang Berbahagia Brigadier General Dato' Professor Dr.
Kamarudin Hussin
Vice Chancellor

Profesor Dr. Szali Yaacob
Deputy Vice Chancellor (Academic and International
Affairs)

Professor Dr. Ismail Daut
Deputy Vice Chancellor (Research and Innovations)

Registrar
-not yet appointed-

Madam Saodah Hassan
Treasurer

Head Librarian
-not yet appointed-

DEANS AND HEADS OF DEPARTMENTS

Associate Professor Dr. Johari Adnan
Dean of the School of Microelectronic Engineering

-not yet appointed-
Dean of the School of Electrical System Engineering

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

Dr. Khairul Rafezi Ahmad
Dean of the School of Material Engineering

Associate Professor Dr. Abdul Hamid Adom
Dean of the School of Mechatronic Engineering

Professor Dr. Zuraidah Mohd Zain
Dean of the School of Manufacturing Engineering

Associate Professor Dr. Mohamed Zulkali Mohamed
Daud
Dean of the School of Bioprocess Engineering

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

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

Associate Professor Dr. Salleh Abd Rashid
Dean of the Center for Communication Skills and Entrepreneurship

Associate Professor Abdul Rahman Mohd Saad
Dean of Center for Engineering

Associate Professor Abdull Halim Abdul
Dean of the Institute of Mathematics in Engineering

Professor Ir. Dr. Rezuwan Kamaruddin
Dean of Academic Affairs

Professor Dr. Mohd Yusoff Mashor
Dean of Center for Graduate Studies

Associate Professor Dr. Kong Wah@Syaharom
Abdullah
Dean of Center for International Affairs

Professor Dr. Syed Alwee Aljunid Syed Junid
Dean of Research and Development Unit (R&D)

Mr. Razli Ahmad
Dean of Students' Affairs and Alumni

Dr. Yufriidin Wahab
Director of Center for Industrial Collaboration

Associate Professor Mazelan Abdul Hamid
Director of Department Responsible for Physical
Developments

Mr. Nasrudin Abd. Shukor
Director of Center for Information Technology and
Communications

Associate Professor Abdul Aziz Mahmuddin
Director of Center for Corporate Development &
Quality Management

Associate Professor Dr. Mahmad Nor Jaafar
Director of Agrotechnology Development Unit

Professor Dr. Uda Hashim
Director of the Institute of Nano Electronic
Engineering

Director of Publication Unit
-not yet appointed-

Dr. Mohd Mizan Mohammad Aslam
Director of Sustainable Development Unit

Mr. Afizal Abu Othman
Director of Sports Centre

Madam Husna 'Afifi Mohd Yusoff@Mat Jusoh
Director of Culture and Recreation Unit

Mr. Ahmad Fahmi Mahamood
Director of Center for Co-Curriculum

Associate Professor Dr. Ye Htut@Mohammad Iqbal
Omar
Director of Center for Health of UniMAP

Mr. Nor Azmi Hj. Johari
Director of Security Department

Dr. Ku Mohd Nabil Ku Hamid@Ku Ismail
Coordinator of Learning and Teaching Unit

Mr. Baharuddin Ismail
Coordinator of Diploma Programme

Mr. Hirwan Jasbir Jaafar
Coordinator of Strategic Studies Unit

Ustaz Hassan Hj. Arshad
Coordinator of Islamic Affairs Unit

Lt. Kol. (B) Azuddin Bahari
Coordinator of Occupational Safety and Health Unit

Mr. Mohamed Hanafiah Baharuddin
Coordinator of Anjung UniMAP Kulim

Coordinator of Multimedia Unit
-not yet appointed-

Mr. Suffian Hadi Ayub
Manager of Small Medium Enterprise Unit

Mr. Zuber Hj. Mohamad
Principal of Residential College

Mr. Mohd Mustafa Al Bakri Abdullah
Principal of Residential College

Mr. Mohamad Ezral Baharudin
Principal of Residential College

Updated : October, 2010
Source : Recruitment Unit



3. CENTERS RESPONSIBLE FOR ACADEMIC MATTERS SCHOOLS AND PROGRAMMES OFFERED

SCHOOLS	ACADEMIC PROGRAMMES		
	Degree Courses in Engineering (with Honours)	Diploma Courses in Engineering	Post Degree Courses (by Research)
Microelectronic Engineering	Microelectronic Engineering	Microelectronic Engineering	Ph.D M.Sc. (Microelectronic Engineering)
	Electronic Engineering		
	Photonic Engineering		
Computer and Communication Engineering	Computer Engineering	Computer Engineering	Ph.D M.Sc. (Computer Engineering) M.Sc. (Communication Engineering)
	Communication Engineering		
	Computer Network Engineering		
Mechatronic Engineering	Mechatronic Engineering	Mechatronic Engineering	Ph.D M.Sc. (Mechatronic Eng.) M.Sc. (Mechanical Eng.) M.Sc. (Biomedical Electronic Eng.)
	Mechanical Engineering		
	Biomedical Electronic Engineering		
Electrical System Engineering	Electrical System Engineering	Electrical Engineering	Ph.D M.Sc. (Electrical Systems Engineering)
	Industrial Electronic Engineering		
	Electrical Power System		
Manufacturing Engineering	Manufacturing Engineering	Manufacturing Engineering	Ph.D M.Sc. (Manufacturing Engineering) M.Sc. (Product Design Engineering)
	Product Design Engineering		
Material Engineering	Material Engineering	Material Engineering	Ph.D M.Sc. (Materials Engineering) M.Sc. (Polymer Eng.) -By Mixed Mode
	Metallurgical Engineering		
	Polymer Engineering		
Bioprocess Engineering	Bioprocess Engineering		Ph.D M.Sc. (Bioprocess Engineering)
	Bio-system Engineering		
Environmental Engineering	Environmental Engineering		Ph.D M.Sc. (Environmental Engineering)
	Building Engineering		
School of Business Innovation & Techno-entrepreneur	Bachelor of Business (Hons) (Entrepreneurial Engineering)		MBA (Engineering Management) new programme -By Coursework

	Bachelor of Business (Hons) (International Business)		
Center for Communication Skills and Entrepreneurship School of Biosystem Engineering and Agro Industrial Technology (Approved by the University's Board of Directors on 3 rd March 2009)			

New postgraduate programmes

School/Institute	Research Mode
Institute of Nano Electronic Engineering (INEE)	PhD M.Sc (Nanoelectronic Engineering) M.Sc (Nanomaterial Engineering) M.Sc (Nanobiotechnology Engineering)

Updated: October, 2010

Source: Academic Management Department, Office of DVC (A&I) & Centre For Graduate Studies

STATISTICS SCHOOL OF MICROELECTRONIC ENGINEERING

Programmes	Enrolment	Staff	Lecturers	Ratio (Staff & Students)
1. Diploma in Engineering (Microelectronic Eng.)	133	1. Lecturer: 35	Expatriate: 0	Overall: 1:16 Overall (Lecturer): 1:22 Diploma: 1:4 Bac.Degree: 1:18 Masters: 1:1
2. Bachelor of Engineering (Microelectronic Eng.)	258	2. PLV: 13	Local: 35	
3. Bachelor of Engineering (Electronic Eng.)	280	TOTAL: 48	TOTAL: 35	
4. Bachelor of Engineering (Photonic Eng.)	98	3. Technician: 11	MSc: 25	
		4. Support staff/ Admin staff: 6	PhD: 10	
	TOTAL: 769 (Diploma: 133; Bac.Degree: 636)	5. Study Leave (SLAB / SLAI): - SLAB: 25 - SLAI: 12		
5. Master of Science (Microelectronic Eng.)	23			
6. Doctor of Philosophy (Microelectronic Eng.)	11			

SCHOOL OF COMPUTER AND COMMUNICATION ENGINEERING

Programmes	Enrolment	Staff	Lecturers	Ratio (Staff & Students)
1. Diploma in Engineering (Computer Eng.)	119	1. Lecturers: 44	Expatriate: 5	Overall: 1:10 Overall (Lecturers): 1:15 Diploma: 1:2 Bachelor: 1:13 Masters: 1:5
2. B.Eng. (Hons) (Computer Eng.)	259	2. PLV: 17	Local: 39	
3. B.Eng. (Hons) (Communication Eng.)	203	TOTAL: 61	TOTAL: 44	
4. B.Eng. (Hons) (Computer Network Eng.)	64	3. Tech. Assistant: 1		
	TOTAL: 648 (Diploma: 119; Bachelor: 526)	4. Technicians: 13		
		5. Support Staff: 6		
4. M.Sc (Computer Eng.)	Total-M.Sc : 35	6. Study Leave -(SLAB / SLAI): 18 - Fellows: 26		
5. M.Sc (Communications Eng.)				
6. Ph.D	Total- Ph.D :28			

SCHOOL OF MECHATRONIC ENGINEERING

Programmes	Enrolment	Staff	Lecturers)	Ratio (Staff & Students)
1. Diploma in Engineering (Mechatronic Eng.)	113	1. Lecturers:78	Expatriate: 16	Overall: 1:13
2. Bachelor of Engineering (Mechatronic Eng.)	308	2. PLV : 26 Total: 104	Locals: 62 TOTAL: 78	Overall (Lecturer): 1:19
3. Bachelor of Engineering (Mechanical Eng.)	287	3. Tech. Assistant: 1	M.Sc: 57	Diploma: 1:1
4. Bachelor of Engineering (Biomedical Electronic Eng.)	307	4. Technicians: 16 5. Support Staff: 5 6. Carpenter: 1 7. Study Leave (SLAB / SLAI):25 - Fellows: 2	Ph.D: 21	Bachelor: 1:11 Masters: 1:2
TOTAL: 1,015 (Diploma: 113; Bachelor: 902)				
5. Master of Science (Mechatronic Eng.)	Total			
6. Master of Science (Mechanical Eng.)	-M.Sc: 70			
7. Master of Science (Biomedical Electronic Eng.)				
8. Doctor of Philosophy (Kej. Electronic	-PhD: 25			

SCHOOL OF ELECTRICAL SYSTEM ENGINEERING

Programmes	Enrolment	Staff	Lecturers)	Ratio (Staff & Students)
1. Diploma in Engineering (Electrical Eng.)	168	1. Lecturers: 41	Expatriate: 9	Overall: 1:13
2. B.Eng (Hons) (Electrical System Eng.)	269	2. PLV: 16 TOTAL: 57	Local: 32 TOTAL: 41	Overall (Lecturer): 1:17
3. B.Eng (Hons) (Industrial Eng.)	259	3. Tech. Assistant: 1	M.Sc: 37	Diploma: 1:3
4. B.Eng (Hons) (Electrical Energy Systems Eng.)	6	4. Technicians: 18 5. Chargeman: 1 6. Support Staff: 6 7. Study Leave (SLAB / SLAI): 11 - Fellows: 22	Ph.D: 4	Degree: 1:10
TOTAL: 712 (Diploma: 168; Bachelor: 544)				
4. M.Sc (Electrical System Eng.)	27			
5. Ph.D	9			

SCHOOL OF MANUFACTURING ENGINEERING

Programmes	Enrolment	Staff	Lecturers)	Ratio (Staff & Students)
1. Diploma in Engineering (Manufacturing Eng.)	127	1. Lecturers: 32	Expatriate: 3	Overall: 1:12
2. Bachelor of Engineering (Manufacturing Eng.)	281	2. PLV: 16 TOTAL: 48	Local: 29 TOTAL: 32	Overall (Lecturer): 1:18
3. Bachelor of Engineering (Product Design Eng.)	173	3. Tech. Assistant: 1	M.Sc: 23	Diploma: 1:8
TOTAL: 581 (Diploma: 127; Bachelor: 454)		4. Technicians: 12 5. Carpenter: 2 6. Support Staff: 6 7. Study Leave (SLAB / SLAI): 17 - Fellow: 2	Ph.D: 9	Bachelor: 1:14 Masters: 3:1
4. Master of Science (Manufacturing Eng.)	11			
5. Doctor of Philosophy	6			

SCHOOL OF MATERIAL ENGINEERING

Programmes	Enrolment	Staff	Lecturers	Ratio (staff & Students)
1. Diploma in Engineering (Metallurgy Eng.)	122	1. Lecturers: 42	Expatriate: 8	Overall:
2. Bachelor of Engineering (Material Eng.)	247	2. PLV : 17	Local: 32	Overall (Lecturer):
3. Bachelor of Engineering (Metallurgy Eng.)	156	TOTAL: 57	TOTAL: 40	1:18
4. Bachelor of Engineering (Polymer Eng.)	170	3. Tech. Assistant: 1	M.Sc: 21	Diploma: 1: 3
	TOTAL: 695	4. Technicians: 7	Ph.D: 19	Bachelor: 1:15
	(Diploma: 122;	5. Carpenter: 1		Masters: 1: 3
	Bachelor: 573)	6. Support Staff: 6		
5. Master of Science (Material Engineering)	38	7. Study Leave (SLAB / SLAI): 14		
6. Master of Science (Polymer Engineering)	13	- Fellows: 3		
7. Doctor of Philosophy	19			
	Total: 70			
	(M.Sc: 51; Phd 19)			

SCHOOL OF BIOPROCESS ENGINEERING

Programmes	Enrolment	Staff	Lecturers	Ratio (staff & Students)
1. Bachelor of Engineering (Bioprocess Eng.)	225	1. Lecturers: 29	Expatriate: 3	Overall: 1:9
2. Bachelor of Engineering (Biosystem Eng.)	120	2. PLV: 12	Local: 26	Overall (Lecturer):
	Total : 345	3. Officers: 1	Total: 29	1:12
		Total: 36	M.Sc: 13	Bachelor: 1:12
3. Master of Science (Bioprocess Eng.)	13	4. AR :1	Ph.D: 16	Masters: 2: 1
4. Doctor of Philosophy	2	5. Support Staff: 5		
		6. Technician : 2		
		7. Study Leave -SLAI : 5		
		- Fellows: 12		

SCHOOL OF ENVIRONMENTAL ENGINEERING

Programmes	Enrolment	Staff	Lecturers)	Ratio (staff & Students)
1. Bachelor of Engineering (Enviromental Eng.)	239	1. Lecturers: 25	Expatriate: 1	Overall: 1:9
2. Bachelor of Engineering (Building Eng.)	167	2. PLV: 10	Local: 24	Overall (Lecturer):
	Total: 406	Total : 35	Total: 25	1:16
		3. Technicians: 4	M.Sc: 21	Bachelor: 1:16
3. Master of Science (Enviromental Eng.)	10	4. Support Staff: 5	Ph.D: 4	Masters: 1:1
4. Doctor of Philosophy	1	5. Study Leave (SLAB / SLAI): 6		
		- Fellows: 16		

Updated: October, 2010
Source: Respective Schools

INSTITUTES

Institute of Mathematics in Engineering
Institute of Nano Electronics Engineering

ACADEMIC SUPPORT CENTERS

Center for Communication Skills and Entrepreneurship
Center for Industrial Collaboration
Center for Engineering
Center for International Affairs
Center for Information and Communication Technology
Library
Teaching and Learning Unit

4. INFRASTRUCTURE

- Laboratories = 120 (Teaching, Research, Teaching / Research Lab)
- Center for Engineering = 1
- Teaching Factory = 1
- Semiconductor Clean Room = 1
- Agro Technology Research Station = 1
- Lecture Halls / Classrooms = 42
- Library = 38,779 books and journals + 13,801 titles of e-Journals

AREA OF PERMANENT CAMPUS

Campus	Area (in acres)
Ulu Pauh	1,028
Sungai Chuchuh	253

Updated : October, 2010

Source : Department for Development and University Library

5. ICT

LIST OF SERVICES AVAILABLE

Hardware/Infrastructure

No.	Facilities	Speed/Total
1	Access to internet via ICT Center, Kubang Gajah	34 Mbps
2	Number of locations connected to internet via ICT Center, Kubang Gajah	16 premises
3	Access to internet via Center for Engineering, Kuala Perlis	16 Mbps
4	Number of locations connected to internet via Center for Engineering, Kuala Perlis	6 premises
5	Access to internet via Data Center at Ulu Pauh	16 Mbps
6	Number of locations connected to internet via Data Center, Ulu Pauh	1 premises

7	Access from premises to ICT Center /Center for Engineering / Data Center at Ulu Pauh	<ul style="list-style-type: none"> • 1.5 Mbps = 2 premises • 2 Mbps = 11 premises • 4 Mbps = 5 premises • 6 Mbps = 2 premises • 8 Mbps = 1 premises • 12 Mbps = 1 premises
8	Number of users	<ul style="list-style-type: none"> • 6066 students • 1691 staffs
9	Number of UTP data source	6201
10	Number of wireless Access Point	11 units
11	Storage Attached Network capacity	6 Terabyte
12	Number of staff's e-mail accounts Zimbramail	1691 users
13	Number of student's email accounts Zimbramail	6066 users
14	Number of Smart Card & Biometric readers for Access Control System/Time Management System	161 units
15	Number of locations for IP cameras	65 locations

SOFTWARE/INFOSTRUCTURE

- Official Website : <http://www.unimap.edu.my>
- University's Portal : <http://portal.unimap.edu.my>
- Academic Administrative System : <http://ius-student.unimap.edu.my>
- Human Resource Management System : <http://iushrm.unimap.edu.my>
- University's Financial System : <http://ius-finance.unimap.edu.my>
- University's Library System : <http://mylib.unimap.edu.my>
- Time Attendance System : <http://attendance.unimap.edu.my>
- Learning Management System : <http://elearning.unimap.edu.my>

Updated: October, 2010

Resource: Information Technology and Communication Center

6. LIBRARY FACILITIES PROVIDED

No.	Facilities	Total
1	Reading area	364 seats
2	Infoaccess labs	42 units of computer
3	Public access computers	15 units of computer
4	Leisure area	29 seats
5	Self-check stations	4 units
6	Book drop station	1 unit
7	Photocopying machine	1 unit
8	Network printing station	3 units
9	Cubical storage unit	370 compartments
10	Wireless internet access	Available
11	Wired carrels	72 units

LIBRARY COLLECTIONS

No	Facilities	Total
1	Books and bound journals	38,779 titles
2	E-books	1,275,819 titles
3	E-journals	13,801 titles
4	Printed journals	57 titles
5	Media items	4,866 items

ELECTRONIC RESOURCES

No	Facilities	Areas
1	<i>A to Z</i>	Search Engine
2	<i>ACM Digital Library</i>	Information Technology
3	<i>ASME (Association of Mechanical Engineers)</i>	Engineering
4	<i>ASTM Digital Library</i>	Engineering
5	<i>ASTM Standards Online</i>	Engineering
6	<i>BERNAMA Library & Infolink Service</i>	General
7	<i>Britannica Online</i>	General
8	<i>CAB Abstract via Ovid</i>	Agrotechnology
9	<i>Ebrary Academic Complete</i>	General
10	<i>EBSCOhost Business Source Complete (BSC) & Academic Source Premier(ASP)</i>	Science and Technology, Social Science, Humanities, Business
11	<i>EBSCOhost Integrated Search</i>	Search Engine
12	<i>Emerald eBook</i>	Business, Management & Economy
13	<i>Emerald Management Xtra</i>	Management & Engineering
14	<i>Engineering Village 2 (EV2)</i>	Engineering
15	<i>EngNetBASE</i>	Engineering
16	<i>Gale Virtual Reference Library</i>	Institute of Southeast Asian Studies
17	<i>IEEE Explore</i>	Engineering
18	<i>IOP Science</i>	Physics
19	<i>Journal Citation Reports</i>	Publications
20	<i>Knovel</i>	Engineering
21	<i>Malaysian Standards Online</i>	General
22	<i>McGraw Hill : Access Engineering</i>	Engineering
23	<i>McGraw Hill : Access Science</i>	Engineering and Technology
24	<i>Netlibrary</i>	General
25	<i>Oxford Reference Online Premium</i>	General
26	<i>Proquest Dissertation & Theses</i>	Science and Engineering
27	<i>ScienceDirect</i>	Science and Technology
28	<i>Scopus</i>	Citation Database
29	<i>SIAM LOCUS</i>	Mathematics
30	<i>SpringerLink</i>	Science and Technology, Science Social, Humanities
31	<i>Times Higher Education</i>	Education
32	<i>Wiley Online Library</i>	Engineering & Mathematics

BASIC CIRCULATIONS

Years	Total
2003	6,771
2004	13,867
2005	15,354
2006	23,118
2007	30,417
2008	43,795
2009	31,130
Jan-15 Oct. 2010	35,740

ACCESS TO E-RESOURCES

Searches		PDF Downloads	
Year	No. Searches	Year	No. of PDF downloads
2004	663	2004	8,366
2005	16,252	2005	15,863
2006	52,233	2006	125,733
2007	66,955	2007	308,758
2008	84,416	2008	250,967
2009	115,689	2009	266,695
Jan. Sept. 2010	124,936	Jan. Sept. 2010	336,042

Updated : October, 2010
Source : University Library

7. STAFF

Lecturers (489)		PLV (Teaching Engineer)	Language Teachers	Tutors
Ph.D	Masters			
100 (20.4%)	389 (79.6%)	156	21	6

Total Number of Academic Staff: 672 (39.7%)

- Professors: 23 Professor
- Visiting Professors: 3
- Adjunct Professors: 12
- Associate Professors: 39
- Visiting Associate Professors: 4
- Senior Lecturers: 77
- Lecturers: 341
- Visiting Lecturers: 2
- Certified Engineers: 11

Total Number of Non-Academic Staff : 1,019 (60.3%)

- Officers (Grade 41 and above): 189
- Technical Staff (in Learning Centers): 108
- Technical Staff (other Departments): 53
- Others: 669

Staff (Permanent): 1,020
Staff (Contractual-Vot 11 & 29): 648
Staff (Part Time): 14
Staff (Visiting): 9
Total: 1,691

LECTURERS QUALIFICATION

No.	Schools	Ph.D	Masters	Total	% Ph.D holders
1	Material Eng.	18	33	51	35.3
2	Microelectronic Eng.	11	28	39	28.2
3	Computer & Communications Eng.	7	50	57	12.3
4	Electrical System Eng.	4	47	51	7.8
5	Bioprocess Eng.	14	22	36	38.9
6	Environmental Eng.	4	25	29	13.8
7	Manufacturing Eng.	8	37	45	17.8
8	Mechatronic Eng.	20	59	79	25.3
9	Institute of Mathematics in Engineering	1	29	30	3.3
10	Center for Communication Skills and Entrepreneurship	6	20	26	23.1
11	Institute of Nano Electronics Engineering	2	3	5	40.0
12	Anjung UniMAP KL	1	0	1	100.0
13	Business Innovation and Technopreneurship	4	35	39	10.3
14	Center of Islamic Religious	0	1	1	0.0
Total		100	389	489	20.4%

Updated : October, 2010
Source : Recruitment Unit

8. EXTERNAL EXAMINERS AND ACADEMIC ADVISORS

Schools/Program	EE	AA	Names/Organization
School of Microelectronic Engineering	•		Prof. Jugdutt (Jack) Singh - University of Victoria, Australia
		•	Prof. Dr Sahbudin Shaari-Universiti Kebangsaan Malaysia
School of Computer and Communications Engineering	•		Dr. Mansoor Alam - The University of Toledo, Ohio, USA
	•		Prof. Tharek Abd Rahman - Universiti Teknologi Malaysia
	•		Prof. Dr. Kazi Mohiuddin Ahmed - Asian Institute of Technology, Thailand
	•		Prof. Dr Dino Isa - Universiti of Nottingham(Malaysian Campus)
		•	Dato' Prof. Dr. Ir. Zainul Abidin Md Shariff-Universiti Tenaga Nasional
School of Material Engineering	•		Prof. Dr. Wayne.D Cook - Monash University, Australia
	•		Prof. Dr. David Hui - University of New Orleans, USA
	•		Prof. Dr. Hj. Zainal Ariffin Hj. Ahmad - Universiti Sains Malaysia
		•	Dr. R Vasant Kumar - Universiti of Cambridge, United Kingdom
	•		Prof. Dr. Azman Hassan - Universiti Teknologi Malaysia
	•		Prof. Dr. Esah Hamzah - Universiti Teknologi Malaysia
School of Mechatronic Engineering	•		Prof. Dr. Shamsudin Bin Haji Mohd Amin - Universiti Teknologi Malaysia
	•		Prof. Ir. Dr. Farid Nasir Bin Ani - Universiti Teknologi Malaysia
	•		Prof. Dr. Hj. Mohd Nasir Taib - Universiti Teknologi MARA
	•		Prof. Dr. Gamini Dissanayake - University of Technology Sydney, Australia
	•		Prof. Dr. David Barton - University of Leeds, United Kingdom
	•		Prof. Dr. Helmut Hutten - Institute of Medical Engineering, Graz University of Technology, Austria
	•		Prof. Dr. David Charles Barton - University of Leeds, United Kingdom
School of Manufacturing Engineering		•	Prof. Dr. Safian Sharif - Universiti Teknologi Malaysia
	•		Prof. Ashraf Jawaid - Coventry University, United Kingdom
		•	Ir. Ahmad Rasdan Hj. Ismail - Universiti Kebangsaan Malaysia
	•		Prof. Dr. Che Hassan Che Haron - Universiti Kebangsaan Malaysia

	•		Prof. Dr. Prabhu Kandachar - Delft University of Technology, Netherlands
	•		Prof. Keith Case - University Loughborough, Leicestershire, London
		•	Prof. Dr. William John ION - University of Strathclyde Scotland, United Kingdom
School of Electrical System Engineering	•		Prof. Dr. Akhtar Kalam - Victoria University of Technology, Melbourne, Australia
	•		Prof. Dr. Barry Wayne William - Heriot-Watt University, United Kingdom
	•		Prof. Dr. Nasrudin Abd. Rahim-Universiti Malaya
		•	Prof. Dr. Khalid Mohamed Nor-Universiti Teknologi Malaysia
	•		Prof. Dr. Azah Mohamed-Universiti Kebangsaan Malaysia
School of Bioprocess Engineering	•		Prof. Dr. Subhash Bhatia - Universiti Sains Malaysia
School of Environmental Engineering	•		Dr. Abir Tabbaa - University of Cambridge, United Kingdom
		•	Prof. Dr. Md. Ghazaly Shaaban - Universiti Malaya
	•		Prof. Dr. Ku Halim Ku Hamid - Universiti Teknologi MARA
	•		Ir. Dr. Mohd Hanim Osman-Universiti Teknologi Malaysia
Microelectronic Engineering (Diploma Programme)	•		Assoc. Prof. Dr. Razali Ismail - Universiti Teknologi Malaysia
Computer Engineering (Diploma Programme)		•	Dr. Kamaruzzaman Seman - Universiti Sains Islam Malaysia
Metallurgical Engineering (Diploma Programme)	•		Ir. Zulkifli Rasid - Universiti Teknologi MARA
Mechatronic Engineering (Diploma Programme)	•		Assoc. Prof. Dr. Rosbi Mamat - Universiti Teknologi Malaysia
Manufacturing Engineering (Diploma Programme)	•		Dr. Ahmad Majdi Abdul Rani - Universiti Teknologi Petronas
Electrical Engineering (Diploma Programme)	•		Dr. Ismail Musirin - Universiti Teknologi MARA
Center for Communication Skills and Entrepreneurship		•	Prof. Ciaran O' Cathain - Athlone Institute of Technology, Ireland
Office of Vice Chancellor		•	Prof. Bibi Ameenah Firdaus Gurib Fakim - Universiti Mauritius
School of Microelectronic Eng.			Dato' Abdul Wahab Abdullah (Adjunct Prof.)
School of Mechatronic Eng.			Dato' Dr. Haron Ahmad (Adjunct Prof.)
School of Electrical System Eng.			Dr. Sallehudin Yusof (Adjunct Prof.)
School of Bioprocess Eng.			Dato' Dr. Ishak Tambi Kechik (Adjunct Prof.)
Center for Communication Skills and Entrepreneurship			Prof. Dato' Dr. Haji Ahmad Sabirin Dato' Arshad (Adjunct Prof.)
			Dato' Dr. Ismail Alias (Adjunct Prof.)
			TYT Assoc. Prof. Dato' Syed Omar Bin Al- Saggaff (Adjunct Prof.)
			Y.B. Tan Sri Datuk (Dr) Jins Shamsudin (Adjunct Prof.)
			Dato' Mustapha Ma'arof (Adjunct Prof.)
Strategic Studies Unit			Dato' Mohd Noor Abdullah (Adjunct Prof.)
			Datuk Prof. Dr. Ramlah Adam (Adjunct Prof.)
Centre for Business Innovation and Technopreneurship			Prof. Dato' Dr. Syed Omar Bin Abdul Rahman (Adjunct Prof.)

EE: External Examiners

AA: Academic Advisors

Updated: October , 2010

Sources: Registry Department

9. VISITING LECTURERS

1ST SEMESTER ACADEMIC YEAR 2010/2011

No.	Name	Organization
1	Dato' Prof. Ir. Dr. Alias Hj Mohd Noor	Advanced Sustainable Transportation Research Alliance (ASTRA)
2.	Ir. Salman Ullah Sheikh	Teguh Runding Sdn. Bhd
3.	Ir. Lukman Bin Salleh	Pewira Al-Shura Consulting Engineers
4.	Mr. Mohd Faizal Ab Jalil	Jabatan Alam Sekitar
5.	Mr. Ahmad Sharmy Mohammed Jaafar	Principal Assistant Director River Basin Management and Coastal Zone Division
6.	Ir. Mohd Hazimin Zainuddin	Head of HEMP and Process Safety Shell Refining Company (FOM) Bhd
7.	Mr. Mohd Tadza Bin Abdul Rahman	Agensi Nuklear Malaysia
8.	Mr. Mohamad A' Azizan Mustafa	Infineon Technologies (kulim) Sdn. Bhd
9.	Lee Choon Gay	Intel Technology Sdn. Bhd
10.	Madam Hasrawati Abu Hassan	Anggerik Laksana Sdn. Bhd
11.	Mr. Ramaness Parasuraman	Intel Technology Sdn. Bhd
12.	Chong Kim Foong	Intel Technology Sdn. Bhd
13.	Beth Yam Wei Yin	Intel Technology Sdn. Bhd
14.	Mr. Zainuddin Md Zain	Asian Composites Manufacturing Sdn. Bhd
15.	Mr. Azmi Omar	CTRM Aero- Composites
16.	Mr. Mohamad Noor bin Abd Karim	Teleflex Medical Sdn. Bhd
17.	Tan Boon Chun	Pelkin Elmer
18.	Madam Wan Salma Bt Wan Hassan	Science & Technology Research Institute For Defence (STRIDE)
19	Ir. Kamal Rusulan bin Mohamed	Perusahaan Otomobil Nasional Berhad (Proton)
20.	Nilavarasan A/L Periasamy	Agilent Technologies (Malaysia) Sdn. Bhd
21.	Ir. Mohd Yuza bin Hj. Mohd Yusof	CTRM Aero Composite (Malaysia) Sdn. Bhd
22.	Mr. Mohd Rosdi bin Zakaria	Hospital Universiti Sains Malaysia
23.	Mr. Noor Hisyam Ahmad	Asian Composite Manufacturing (ACM) Sdn. Bhd

Update : October, 2010

Source : Academic Management Section, Office of Deputy Vice Chancellor (Academic and International)

10. ACADEMIC CALENDAR

ACADEMIC CALENDAR 2010/2011 SESSION

SEMESTER 1 (12 July 2010-12 December 2010) - 22 Weeks

Lecture	12 July 2010	5 September 2010	8 Weeks
Mid Semester Break	6 September 2010	19 September 2010	2 Weeks
Lecture	20 September 2010	31 October 2010	6 Weeks
Revision Week	1 November 2010	7 November 2010	1 Week
Special Break	8 November 2010	21 November 2010	2 Weeks
Examination Week	22 November 2010	12 December 2010	3 Weeks
Semester Break	13 December 2010	2 January 2011	3 Weeks

SEMESTER 2 (3 January 2011-15 May 2011) - 19 Weeks

Lecture	3 January 2011	30 January 2011	4 Weeks
Mid Semester Break	31 January 2011	6 February 2011	1 Week
Lecture	7 February 2011	17 April 2011	10 Weeks
Revision Week	18 April 2011	24 April 2011	1 Week
Examination	25 April 2011	15 May 2011	3 Weeks
Semester Break	16 May 2011	24 July 2011	10 Weeks

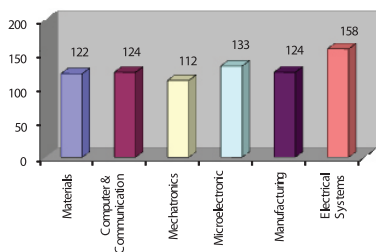
Update: October, 2010
Source: Senate Unit

11. STUDENTS' ENROLMENT

Student Enrolment: 5,715 (Under graduate) : 351 (Post graduate)

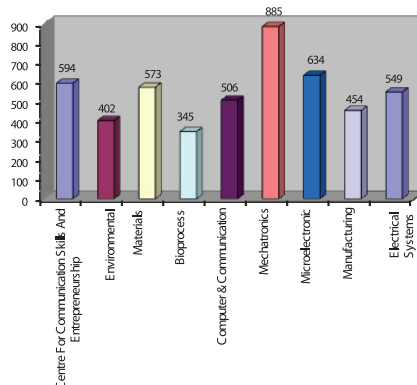
STUDENT ENROLMENT FOR DIPLOMA
: 773 STUDENTS

Number Of Diploma Students Enrolled By Schools For 2010/2011

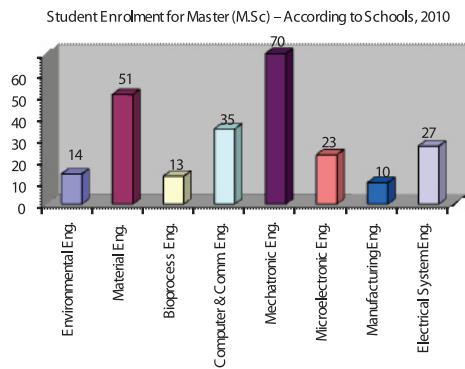


STUDENT ENROLMENT FOR DEGREE
: 4,942 STUDENTS

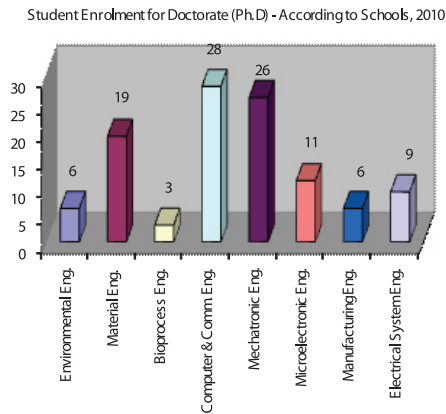
Number Of Degree Students Enrolled By Schools For 2010/2011



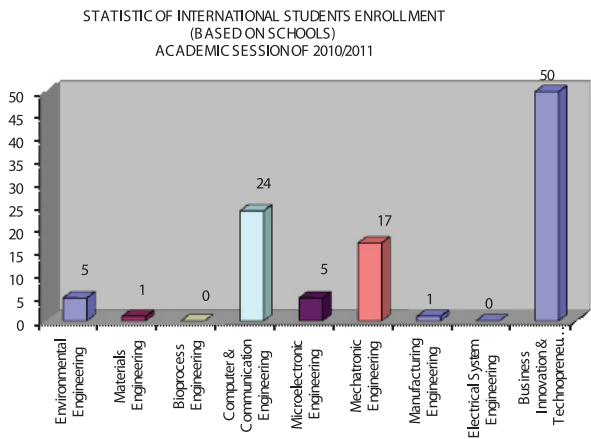
STUDENT ENROLMENT FOR MASTER (M.Sc) : 243 STUDENTS



STUDENT ENROLMENT FOR DOCTORATE (PH.D) : 108 STUDENTS



STATISTICS OF INTERNATIONAL STUDENT ENROLMENT : 103 STUDENTS



NUMBER OF STUDENTS ENROLLED FOR DEGREE AND DIPLOMA PROGRAMMES

Year

- 2002 - 119 students (2 programmes)
- 2003 - 626 students (10 programmes)
- 2004 - 634 students (10 programmes)
- 2005 - 734 students (12 programmes)

2006

- 1,087 students
- (15 Degree programmes & 6 Diploma programmes)
- 294 Diploma students (SPM Leavers)
- 793 Degree students (171 STPM Leavers, 340 Matriculation Leavers, 282 Diploma Holder)

2007

- 1,390 students
- (16 Degree programmes & 6 Diploma programmes)
- 256 Diploma students (237 SPM Leavers, 19 Certificate Holders)
- 1,134 Degree students (281 STPM Leavers, 412 Matriculation Leavers, 441 Diploma Holders)

2008

- 1,482 students
- (19 Degree programmes & 6 Diploma programmes)
- 278 Diploma students (261 SPM Leavers, 17 Certificate

Holders)

- 1,204 Degree students (306 STPM Leavers, 545 Matriculation Leavers, 353 Diploma Holders)

2009

- 1,895 students
- (22 Degree programmes & 6 Diploma programmes)
- 292 Diploma students (280 SPM Leavers, 12 Certificate Holders)
- 1,603 Degree students (404 STPM Leavers, 627 Matriculation Leavers, 572 Diploma Holders)

2010

- 1,821 students
- (23 Degree programmes & 6 Diploma programmes)
- 252 Diploma students (244 SPM Leavers, 8 Certificate Holders)
- 1,569 Degree students (394 STPM Leavers, 379 Matriculation Leavers, 796 Diploma Holders)

Updated : October, 2010

Source : Admission & Students Record Unit, Registry Department

UniMAP FOR 2010-2011 AND 2009-2010 ACADEMIC YEAR

Diploma Holders Application for 2010-2011 Academic Year

Prog. Code	Programme	Option								Total
		1	2	3	4	5	6	7	8	
RE09	INTERNATIONAL BUSINESS	11	10	26	27	25	28	26	28	181
RK05	MICROELECTRONIC ENGINEERING	44	54	57	42	34	39	51	32	353
RK07	ENVIRONMENTAL ENGINEERING	47	35	47	71	78	65	75	70	488
RK08	MECHANICAL ENGINEERING	112	149	132	149	144	147	164	144	1141
RK12	MATERIAL ENGINEERING	23	30	21	36	29	34	34	31	238
RK13	MANUFACTURING ENGINEERING	95	92	78	59	82	72	72	61	611
RK20	COMPUTER ENGINEERING	50	33	42	49	40	47	36	48	345
RK23	ELECTRICAL SYSTEM ENGINEERING	61	59	76	79	76	104	60	89	604
RK24	MECHATRONIC ENGINEERING	124	84	126	108	69	59	55	58	683
RK28	BIOPROCESS ENGINEERING	5	3	3	10	8	9	8	7	53
RK32	POLYMER ENGINEERING	17	7	8	21	15	11	10	8	97
RK45	INDUSTRIAL ELECTRONIC ENGINEERING	44	75	85	103	84	81	81	102	655
RK53	COMMUNICATION ENGINEERING	20	30	23	13	25	15	22	14	162
RK56	METALLURGY ENGINEERING	14	6	13	8	10	14	12	14	91
RK82	BUILDING ENGINEERING	54	45	63	60	65	83	105	76	551
RK84	PRODUCT DESIGN ENGINEERING	10	30	28	21	29	28	30	21	197
RK85	BIOMEDICAL ELECTRONIC ENGINEERING	80	52	56	62	58	46	52	46	452
RK86	ELECTRONIC ENGINEERING	114	110	106	111	116	133	105	103	898
RK89	PHOTONIC ENGINEERING	5	8	9	1	7	10	5	8	53
RK90	BIOSYSTEM ENGINEERING	1	1	6	6	3	6	6	6	35
RK93	COMPUTER NETWORK ENGINEERING	15	31	35	23	26	36	23	32	221
RP52	ENTERPRENEURIAL ENGINEERING	7	5	12	10	12	8	11	17	82
Total Application		953	949	1052	1069	1035	1075	1043	1015	8191

Total Applicants = 5063

Diploma Holders Application for 2009-2010 Academic Year

Prog. Code	Programme	Option								Total
		1	2	3	4	5	6	7	8	
RK05	MICROELECTRONIC ENGINEERING	57	32	50	36	43	61	35	44	358
RK07	ENVIRONMENTAL ENGINEERING	16	25	39	46	38	62	68	74	368
RK08	MECHANICAL ENGINEERING	78	107	135	130	130	151	163	158	1052
RK12	MATERIAL ENGINEERING	23	35	27	20	30	28	26	27	216
RK13	MANUFACTURING ENGINEERING	84	66	75	74	65	62	79	74	579
RK20	COMPUTER ENGINEERING	62	33	50	47	43	38	36	44	353
RK23	ELECTRICAL SYSTEM ENGINEERING	78	55	67	82	69	66	68	90	575
RK24	MECHATRONIC ENGINEERING	150	104	116	81	62	73	64	70	720
RK28	BIOPROCESS ENGINEERING	5	1	9	7	2	7	6	14	51
RK32	POLYMER ENGINEERING	13	7	23	16	21	14	18	12	124
RK45	INDUSTRIAL ELECTRONIC ENGINEERING	23	67	76	79	69	77	99	70	560
RK53	COMMUNICATION ENGINEERING	16	25	18	18	13	20	16	27	153
RK56	METALLURGY ENGINEERING	25	10	8	8	10	11	10	12	94
RK82	BUILDING ENGINEERING	32	19	43	43	49	68	64	65	383
RK84	PRODUCT DESIGN ENGINEERING	15	29	21	24	17	28	28	37	199
RK85	BIOMEDICAL ELECTRONIC ENGINEERING	40	38	58	59	46	37	37	42	357
RK86	ELECTRONIC ENGINEERING	75	73	117	104	114	91	116	112	802
RK89	PHOTONIC ENGINEERING	0	8	6	3	2	8	3	4	34
RK90	BIOSYSTEM ENGINEERING	0	1	6	3	5	5	5	3	28
Total Application		792	735	944	880	828	907	941	979	7006

Total Applicants = 4390

Updated : October, 2010

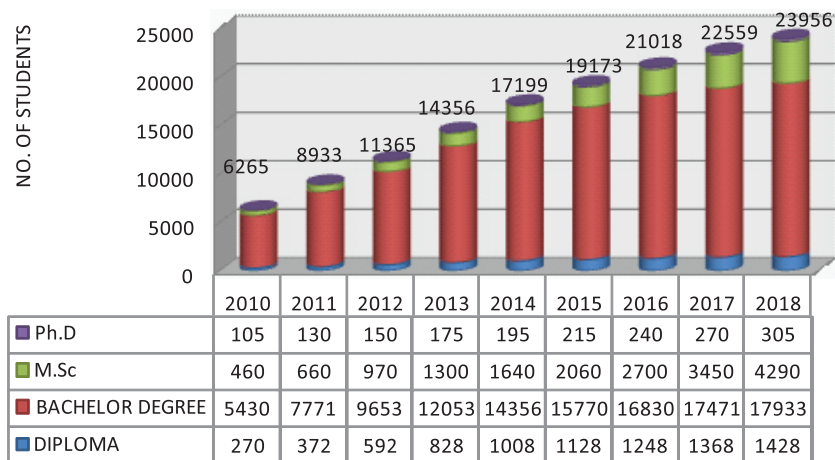
Source : Admission and Student Record Unit, Registry Department

12. STUDENTS' ENROLMENT PROJECTION FOR 2010-2018

Student Enrolment Projection for 2018 : 23,956 students

Diploma : 1,428	Degree : 17,933	Post Graduates : 4,595
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Student Enrolment Projection for 2018 : 23,956 students



Updated : October, 2010

Source : Admission & Student Record Unit and Postgraduate Studies Unit

13. UniMAP CAMPUS

'UniMAP DISTRIBUTED CAMPUS'

Location	Department
KWSP Building, Kangar	Chancellory:-Vice Chancellor Office, Deputy Vice Chancellor Office (Academic and International), Deputy Vice Chancellor Office (Research and Innovation), Registrar Department, Library, Seminar Room and Labs.
TNB Building, Kangar	Bursary Department
Jalan Bukit Lagi, Kangar	Academic Management Unit (Registrar Department), Development Department, Internal Audit Unit, Islamic Center.
Taman Kechor Indah Fasa II, Kangar	Center For International Affairs, Teaching and Learning Unit, Center for Industrial Collaboration (CIC), Sustainable Development Unit, Meeting Room and Seminar Room.
Pengkalan Indah Building, Kangar	Research and Design Development Unit (R&D), Cultural and Recreation Unit, Research Cluster.
KIK Building, Kangar	Security Department, Computer Lab and Lecture Room.
Jalan Penjara, Kangar	Kapitol Hall
Jalan Raja Syed Alwi, Kangar	Property Management Unit (Development Department)
Taman Aman & Wang Ulu, Bintong	Residential Colleges A, G & H.
Education Center Complex Jejawi I	School of Microelectronic Eng., Center for Communication Skills and Entrepreneurship, School of Business Innovation and Technopreneurship.
Education Center Complex Jejawi II	School of Material Eng., Hall & Lecture Rooms and Labs.
Education Center Complex Jejawi III	School of Bioprocess Eng., School of Environmental Eng., Hall & Lecture Rooms and Labs.
Kubang Gajah	Sports Center, Center for Information and Communication Technology, PALAPES, University House, UniMAP Gallery, Corporate Communication Unit, Hall & Lecture Rooms and Labs.
Taman Semarak, Kuala Perlis	Diploma Programme Unit, Residential College E, Hall & Lecture Rooms and Labs.
Taman Bukit Kubu Jaya, Jalan Sarawak, Kuala Perlis	Institute of Engineering Mathematics, Student Affairs and Alumni Department, Hall & Lecture Rooms and Labs.
Automart, Kuala Perlis	Engineering Center, Semiconductor Clean Room, Teaching Factory, Hall & Lecture Rooms and Labs.
Taman Seberang Jaya, Kg. Wai, Kuala Perlis	Residential Colleges B, C & D, Engineering Lab Complex, Multipurpose Hall, Clinic.
Taman Seberang Ramai, Kg. Wai, Kuala Perlis	Residential College F, School of Electrical System Eng. and School of Computer & Communication Eng., Office For Residential Colleges, Hall & Lecture Rooms and Labs.
Taman Kuala Perlis, Kuala Perlis	Lecturer's Office.
Taman Mewah, Kangar	Legal Unit, Store.
Sungai Chuchuh Campus	Office of Agrotechnology Development Unit, Lab, Lecture Hall and 14 acres of land for Agrotechnology Station.
Tingkat 26 Menara Tun Razak, Jalan Raja Laut, Kuala Lumpur	Anjung UniMAP.
Taman Pertiwi Indah, Seriab, Kangar	Multimedia Unit, Center for Graduate Studies , Occupational Safety and Health Unit, Strategic Research Unit , Corporate Development and Quality Management Unit and Institute Of Nano Electronics Engineering, Publication Unit, Research Cluster.
Ulu Pauh Permanent Campus	School of Mechatronic Eng., School of Manufacturing Eng.
Suite 1.10, 1st Floor KHTP Business Centre Kulim Hi-Tech Park	Anjung UniMAP.

Education Center ComplexJejawi IV	Small-Medium Enterprise Unit, Co-curriculum Center.
Kuarters Institusi Pendidikan Simpang Empat	Residential College I.
Taman Pengkalan Asam, Kangar	Center for Communication Skills and Entrepreneurship.
Taman Haz Melati, Baseri	School of Bioprocess Eng.

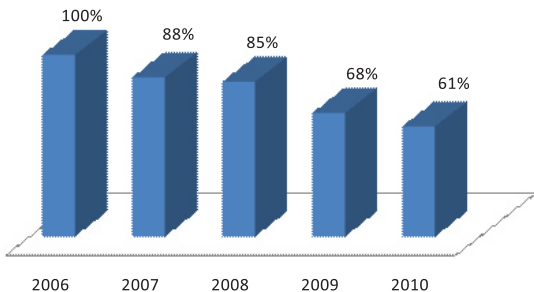
Updated : October, 2010
Source : Development Department

14. 2006-2010 GRADUATES (ALUMNI)

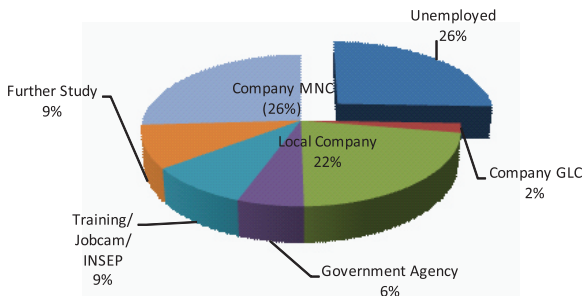
STATISTIC OF UNIMAP GRADUATE MARKETABILITY (COHORT 2006 - 2010)

Status of Company/Agency	Company / Agency	No. of Graduate	(%)
Multinational Company	INTEL	49	2.10
	Infineon Tehnologies (M) Sdn Bhd	23	0.98
	Sony EMS (M) Sdn Bhd	16	0.68
	VADS	15	0.64
	Altera Corp.(M) Sdn Bhd	14	0.60
	Spansion	12	0.51
	Others (ex: F&N,Motorola,Panasonic,Samsung etc)	498	21.30
	Total	627	26.82
GLC	Telekom /Celcom/TM Malaysia	42	1.80
	HICOM Malaysia	3	0.13
	TNB	2	0.09
	Indah Water	2	0.09
	PNB	1	0.04
	Total	50	2.14
Local Company (Private Sector)	Colleges (ex: Kolej Lagenda etc)	33	1.41
	Consultants (ex: AE Consult Sdn Bhd)	21	0.90
	PERWAJA STELL SDN. BHD.	5	0.21
	PROTON SDN. BHD	4	0.17
	Others (ex: Digi,Maxis,Produa etc)	310	13.26
	Total	373	15.95
Government Agency & Statutory Body	Technical Institutes (ex: ILPIKM etc)	15	0.64
	Government Agencies (ex: JKR,Perangkaan, etc)	12	0.51
	Ministry (ex: Pelajaran,Dalam Negeri etc)	10	0.43
	Polytechnique	15	0.64
	Schools	35	1.50
	Universities (ex: R.A ,PLV,Tutor in USM, UniMAP)	60	2.57
	Others (ex: SIRIM, Military, PBT, Suruhanjaya Multimedia etc)	36	1.54
	Total	183	7.83
Further Study (ex: USM,UKM, etc)	Total	381	16.30
Training (ex: GED, INSEP, etc)	Total	286	12.23
Self employed / Business	Total	56	2.40
Overall		1956	83.66
Unemployed		361	15.44
No contact		21	0.90

UniMAP Graduate Marketability (For The First 6 Months)
(2006 -2010)



UniMAP Graduate Marketability
(2006 - 2010)



Updated : October, 2010
Source : Centre of Industrial Collaboration

15. RECIPIENTS OF THE HONORARY DOCTORATE AWARD

NAMES OF RECIPIENTS

YAB DATO' SERI DR. SHAHIDAN KASSIM
(Hon.D.Mgt.)

Y. BHG. TAN SRI DATO' MUSA MOHAMAD
(Hon.D.Sc.)

Y. BHG. DATO' RAMLI ABBAS
(Hon.D.Mgt.)

Y. BHG. PROF. EMERITUS TAN SRI DATO' DR. SYED JALALUDIN SYED SALIM
(Hon.D.Eng.)

Y. BHG. DATO' PROF. DR. HASSAN SAID
(Hon.D.Sc.)

PROF. KARL KOHLHOF
(Hon.D.Eng)

Updated : October, 2010
Source : Senate Unit

16. RESEARCH & INNOVATION

RESEARCH GRANT (2003-NOVEMBER 2010)

	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
GOV.	FRGS	121,530	92,038	392,140	1,712,000	4,148,226	1,170,100	722,546	10,880,570 (266)
	FRGS (MOHE)				1,405,500	5,249,912	1,655,390	640,106	9,121,418 (47)
	Sciencefund (MOSTI)							1,254,820	1,456,820 (10)
	Special Grant (MOHE)						590,000	170,000	760,000 (4)
	IRPA (MOHE)		2,805,890	253,000					3,058,890 (3)
UniMAP	Short Term Grant	40,000	208,950	243,000	606,020	30,000	514,482	736,800	3,121,252 (258)
	Research Journal Incentive Fund								135,000 (16)
	Special Research Fund							120,000	260,000 (6)
Industrial & Agencies	FELDA				209,000				209,000 (1)
	Astronotics Sdn. Bhd.				61,500				61,500 (1)
	PNB						59,980		59,980 (2)
	Pusat Zakat Pulau Pinang						25,000		25,000 (1)
	Bionexus							399,000	399,000 (1)
	King Abdul Aziz City of Science and Technology							1,500,000 (1)	1,500,000 (1)
TOTAL		161,530	3,106,878	888,140	3,994,020	9,428,138	4,014,952	5,411,500 (155)	31,048,430 (617)

*(Number of Grants)

RESEARCH - CENTRES OF EXCELLENCE (INSTITUTE & RESEARCH CLUSTERS)

No	Name	Head / Director	Advisors	Year of Establishment
1.	Sensor Technology and Applications Research Cluster	Professor Dr. Mohd Noor Ahmad	Profesor Dr. Legin Andrey Laboratory of Chemical Sensors Research Institute of Chemistry St. Petersburg University Universitetskaya Russia.	2005
2.	Autonomous Systems and Machine Vision Research Cluster	Assoc. Prof. Dr. Hazry Desa	Professor Dr. Keigo Watanabe Department of Advanced Systems Control Engineering, Graduate School of Science and Engineering, Saga University, Japan	2005
3.	Electrical Energy and Industrial Electronic System Research Cluster	Professor Dr. Ismail Daut	Professor Dr. Joachim Holt Chair For Electrical Machines And Drives Wuppertal University Germany.	2005
4.	Intelligent Signal Processing Research Cluster	Professor Dr. Sazali Yaacob	Prof. Dr. Stephen John Elliott Institute of Sound and Vibration Research (ISVR), University of Southampton	2005
5.	Embedding Computing Research Cluster	Assoc. Prof Dr. R.Badlishah Ahmad	Profesor Dr. M. Balakrishnan Department of Computer Science & Engineering, Indian Institute of Technology, New Delhi, India	2005
6.	Sustainable Engineering Research Cluster	Professor Dr. Shamsul Baharin Jamaludin	Professor Dr. Veena Sahajwalla School of Materials Science and Engineering University of New South Wales, Australia	2005
7.	Human-Technology Interface and Business Incubation Research Cluster	Assoc. Prof Dr. Salleh Abd Rashid	-	2010
8.	Institute of Nano Electronic Engineering	Professor Dr. Uda Hashim	Professor Dr. Vijay K. Arora School of Electrical Engineering and Engineering Management Wilkes University. US.	2008

NUMBER OF RESEARCHERS CONDUCTING RESEARCH AT UNIMAP'S RESEARCH CLUSTER

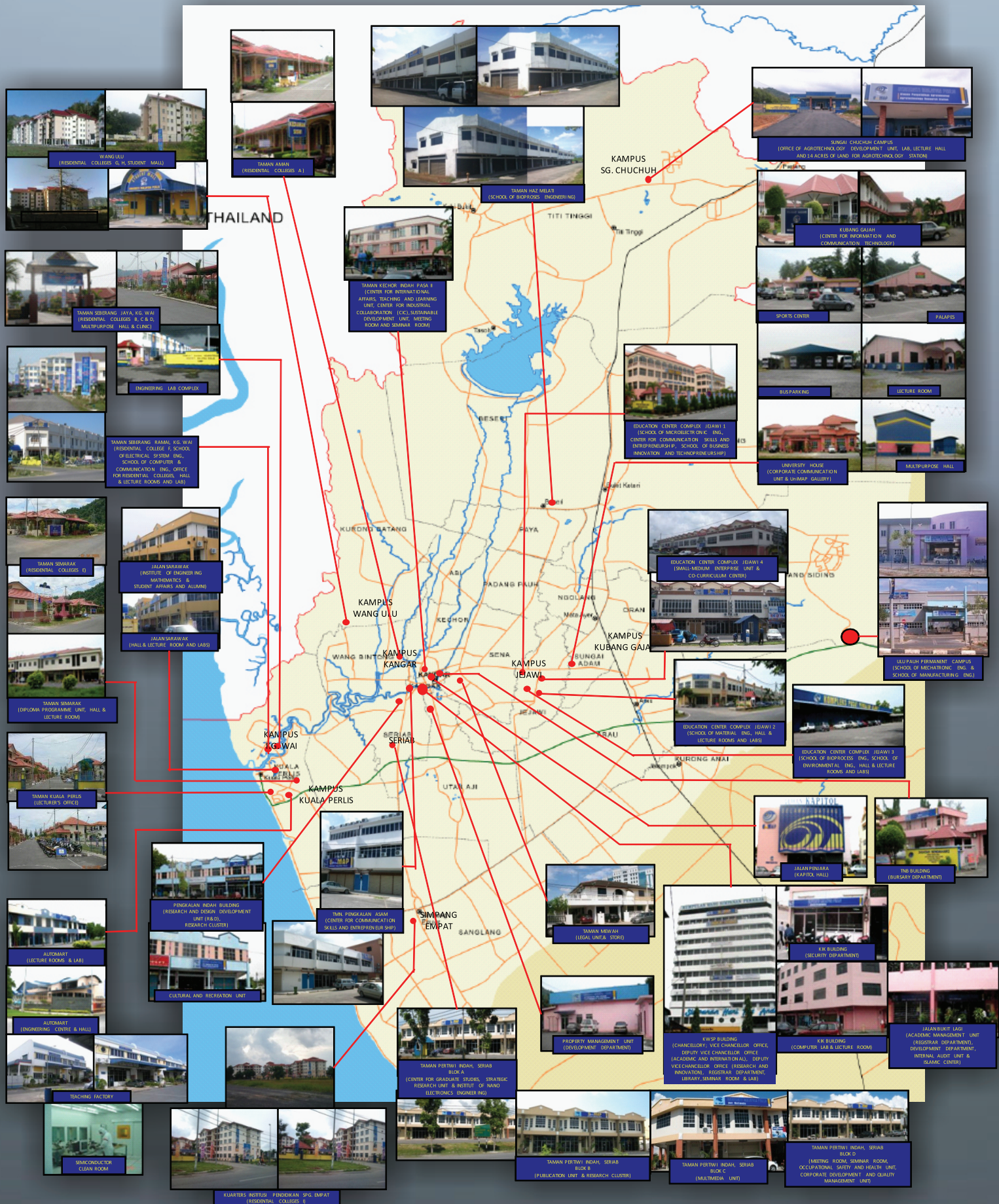
Cluster	M.Sc Students	Ph.D Students	Academic Staff and Lecturers	Total
Cluster Embedded Computing	13	6	5	24
Cluster Sensor Technology And Applications	14	6	12	32
Cluster Acoustic Applications	14	3	10	27
Cluster Sustainable Engineering	26	5	17	48
Cluster Autonomous System and Machine Vision	22	8	9	39
Cluster Power Electronics & Electrical Machine Design	14	7	27	48
Total	101	36	72	218

NUMBER OF RESEARCH ASSISTANTS (RA), RESEARCH OFFICERS (RO), GRADUATE ASSISTANTS (GA) AND GRADUATE RESEARCH ASSISTANT (GRA) 2005-2010

	2005	2006	2007	2008	2009	2010
Research Assistant (RA)	4	37	51	69	92	21
Research Officer (RO)	3	2	3	8	12	5
Graduate Assistant (GA)	3	2	2	4	18	21
Graduate Research Assistant (GRA)	-	3	17	3	30	14
Total	10	44	73	84	152	61

PARTICIPATION IN INTERNATIONAL AND NATIONAL RESEARCH AND INNOVATION COMPETITIONS (JAN. - NOV. 2010)

No.	Competition/exhibition	No. Of Participation	Medal				(%)
			Gold	Silver	Bronze	Special	
1.	Malaysian Technology Expo (MTE) 2010, Kuala Lumpur	27	2	8	12	-	81%
2.	International Invention, Innovation & Technology Exhibition(ITEX) 2010, Kuala Lumpur	45	11	25	9	1 - Best Invention Award (Iran)	100%
3.	British Invention Show (BIS) 2010, United Kingdom	3	3	-	-	1 - Platinum Award 1 - Double Gold	100%
4.	International Trade Fair Ideas-Inventions New Products (IENA) 2010, Germany	3	2	1	-	-	100%
5.	BIOMALAYSIA 2010, Kuala Lumpur	12	4	3	3	-	83 %



NUMBER OF ARTICLES PUBLISHED IN SCOPUS DATABASE (2003-OCT. 2010)

	YEAR								TOTAL
	2003	2004	2005	2006	2007	2008	2009	2010	
Number of Articles	3	4	11	37	78	144	145	122	544

ARTICLE PUBLICATION : 2003-2009
(TOTAL NUMBER: 303 PUBLICATIONS)

Year	SCHOOLS									
	Material Eng.	Electrical System Eng.	Mechatronic Eng.	Computer & Comm. Eng.	Bioprocess Eng.	Enviromental Eng.	MicroElectronic Eng.	Manufacturing Eng.	Center for Comm. Skills & Entrepreneurship	Inst. of Math. Eng. INEE
2003	1	-	-	-			-	-	-	
2004	1	3	2	8			9	-	1	
2005	1	4	8	2	1	-	10	-	1	
2006	8	8	6	5	-	7	8	2	2	
2007	13	7	23	9	4	6	12	3	-	
2008	29	2	20	15	4	1	7	2	-	5
2009	1	13	1	2	2	6	1	3	10	- 4
TOTAL	54	37	60	41	11	20	47	10	14	5 4

STATUS OF INTELLECTUAL PROPERTY AND COMMERCIALIZATION IN UniMAP
(UPDATED UNTIL NOVEMBER 2010)

LIST OF PRODUCTS THAT ARE PATENTED

No.	Researcher	Title Of Invention	Patent Number
1.	Brig. Jen. Dato' Prof. Dr Kamarudin Hussin	Artificial Marble	Filed (PI 20093237)
2.	Ragunathan A/L Santiagoo	Recyclable Construction Materials	Filed (PI 20090778)
3.	Prof. Dr. Uda Hashim	A Method Of Producing Nanowires And A Product Derives Thereof	Filed (PI 20091646)
4.	Suhardy Daud	A Board And Its Production Method	Filed (PI 20091352)
5.	Assoc. Prof. Ir. Mohd Ichwan Nasution	A Cast Product And Its Method Of Production	Filed (PI 20090633)
6.	Soh Ping Jack	A Dielectric Loaded Helical Antenna	Filed (PI 20091543)
7.	Azremi Abdullah Al- Hadi	Compact Planar Highly Efficient Antenna For Wlan Applications	Filed (PI 20091675)
8	Dr. Mohd Fareq Abd Malek	An Array Antenna For Microwave Access Application	Filed (PI 201000135)

9.	Dr. Mohd Fareq Abd Malek	Circular Microstrip Antenna For Wide Bandwith Applications	Filed (PI 2010002587)
10.	Assoc. Prof. Dr. Hazry Desa	A Flying Apparatus For Aerial Agricultural Application	Filed (PI 2010003005)

LIST OF COPYRIGHT SOFTWARE

No.	RESEARCHER	TITLE OF INVENTION
1	Mohd Hafiz Fazalul Rahiman	Computed Tomography Simulation Software
2	Nasrudin Abd Shukor	Integrated Campus Management System (ICMS).

LIST OF COMMERCIALIZED PRODUCTS

No.	Name Of Product	Researcher	Company	Status
1.	Buck and Boost Converter Teaching Module	Zainuddin Md Isa Baharudin Ismail Mohamad Faridun Naim Tajuddin Mohd Fayzul Mohammed	Maxlane Sdn. Bhd.	MoA was signed between UniMAP- Maxlane Sdn. Bhd. on January 2010.
2.	Single Phase Inverter Training Kit	Zainuddin Md Isa Baharudin Ismail, Mohamad Faridun Naim Tajuddin, Mohd Fayzul Mohammed	Maxlane Sdn. Bhd.	MoA was signed between UniMAP- Maxlane Sdn. Bhd. on January 2010.
3.	Artificial Marble	Assoc. Prof. Che Mohd Ruzaidi Ghazali Brig. Jen. Dato' Prof. Kamarudin Hussin, Prof. Dr. Shamsul Baharin Jamaludin, Assoc. Prof. Dr. Khairul Nizar Ismail, Mohd Sobri Idris, Mohd Nazry Salleh	Smart Pilot Plant, UniMAP	Products such as souvenirs and gifts have been produced for sale to the UniMAP and the outsider. Operating in 'Smart Pilot Plant' Kubang Gajah, Arau.
4.	Oil Palm FBB Ripeness Sensor	Zulkifli bin Hussin Abdul Hallis Abdul Aziz Assoc. Prof. Dr. R. Badlishah Ahmad	Sime Darby Research Sdn. Bhd.	MoA was signed between UniMAP- Sime Darby Research Sdn. Bhd. on October 2010.
5.	Rice Husk Micro Absorber	Dr. Mohd. Fareq Abd Malek	Visionile Sdn. Bhd.	MoA was signed between UniMAP- Visionile Sdn. Bhd. on November 2010.

LIST OF PRODUCTS IN THE COMMERCIALIZATION PROCESS

No.	Name Of Product	Researcher	Company	Status
1.	Solar Powered Uninterruptible Supply	Prof. Dr. Ismail Daut Assoc. Prof. Dr. Merdang Sembirin Muhammad Irwanto Ir. Surya Hardi Ir. Syafruddin Hasan Indra Nisja Ir. Risnidar Chan Noor Syafawati Ahmad Mohd Irwan Yusoff	AKTY Technologies Sdn. Bhd.	MoU was signed between UniMAP-AKTY Technologies Sdn. Bhd. on August 2010.
2.	Bioplastic From Tapioca Starch	Assoc. Prof. Che Mohd Ruzaidi Ghazali	Golden Composite Sdn. Bhd.	MoU was signed between UniMAP-Golden Composite Sdn. Bhd.
3.	HAPS-AIR: A Novel High Altitude Platform Station (HAPS) Antenna Using Circular Split Ring Resonator	Dr. Mohd Fareq Abd Malek	Integrated Commerce Sdn. Bhd.	NDA was signed between UniMAP-Integrated Commerce Sdn. Bhd.
4.	Satay Grill	Muhammad Khairy Md Naim Shayfull Zamree Abd Rahim Mohd Sabri Hussin Muhammad Farizuan Rosli Radhwan Hussin	Geliga Bayu Sdn. Bhd.	Initial discussion towards commercialization of UniMAP's research product.
5.	Halal Logo Verification Device	Shayfull Zamree Abd Rahim Assoc. Prof. Abdul Rahman Mohd Saad Mohd Azaman Md Deros Mohd Sazli Saad Muhamad Farizuan Rosli	Muslim Global Intelek Sdn. Bhd.	Initial discussion towards commercialization of UniMAP's research product.
6.	UniMAP Greenhouse	Prof. Ir. Dr. Haji Rezuwan Haji Kamaruddin	Northern Corridor Implementation Authority (NCIA)	MoU was signed between UniMAP-NCIA. Detailed business plan is being carried out between NCIA and the leader

FINANCIAL STATEMENT FOR CONSULTATION ACTIVITIES (2008-NOV. 2010)

SCHOOLS / DEPARTMENT	2008	2009	NOVEMBER 2010	TOTAL
Centre of Industrial Collaboration (CIC)	138,306.00	138,306.00	138,306.00	414,918.00
Microelectronic Engineering	16,920.00		226,498.00	243,418.00
ICT Centre		200,000.00		200,000.00
Material Engineering			148,492.00	148,492.00
Library			120,000.00	120,000.00
Teaching Factory		56,176.00	3,780.98	66,056.98
Engineering Centre	6,100.00	14,400.00	32,821.00	51,058.70
Environmental Engineering	3,837.70		50,580.00	50,580.00
Bioprocess Engineering			47,214.00	47,214.00
Computer & Communication Engineering		14,022.00	28,000.00	42,022.00
Anjung UniMAP			29,909.00	29,909.00
Agrotech Unit			22,382.50	22,382.50
Center for Comm. Skills & Entrepreneurship	10,500.00	9,640.00		20,140.00
Institute of Nano Electronic Engineering		19,920.00		19,920.00
Institute of Mathematics Engineering			17,858.50	17,858.50
Manufacturing Engineering			6,000.00	6,000.00
Mechatronic Engineering		2,000.00		2,000.00
Others	350,000.00	2,700.00	7,836.00	360,536.00
TOTAL	525,663.70	457,164.00	879,677.98	1,862,505.68

ACADEMIC PUBLICATIONS BY UniMAP PRESS (2003-OCTOBER 2010)

TYPE OF PUBLICATIONS	2003	2004	2005	2006	2007	2008	2009	Okt. 2010	TOTAL
Book	-	-	2	7	6	4	12	10	41
Journal	-	1	1	1	1	2	2	2	10
Teaching Module	-	-	3	2	1	3	4	3	16
Laboratory Module	-	-	3	35	28	28	16	18	128
Others	6	-	33	18	24	5	6	7	99
TOTAL	6	1	42	63	60	42	40	40	294

RECOGNITION OSHA

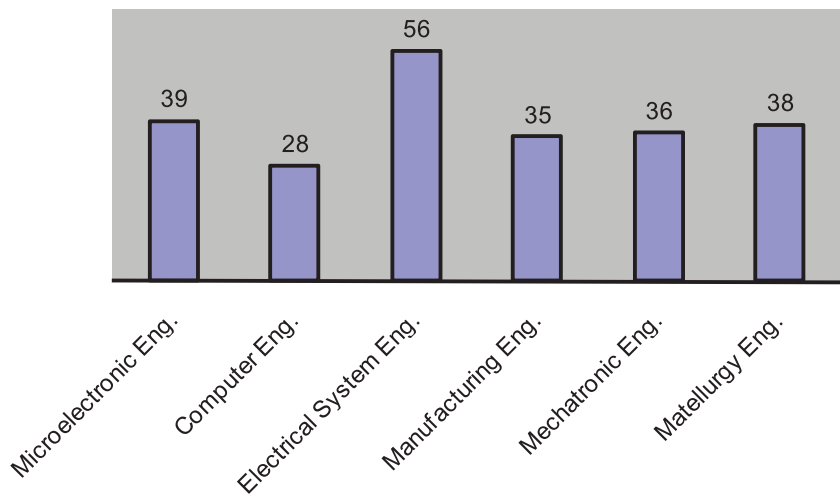
1. 'Anugerah Keselamatan dan Kesihatan Pekerjaan (2006)-Third Place (National Level)
2. 'Sijil MS 1722:2005 dan OHSAS 18001:2008 (2009)-The first northern IPT in Malaysia

Updated: October, 2010

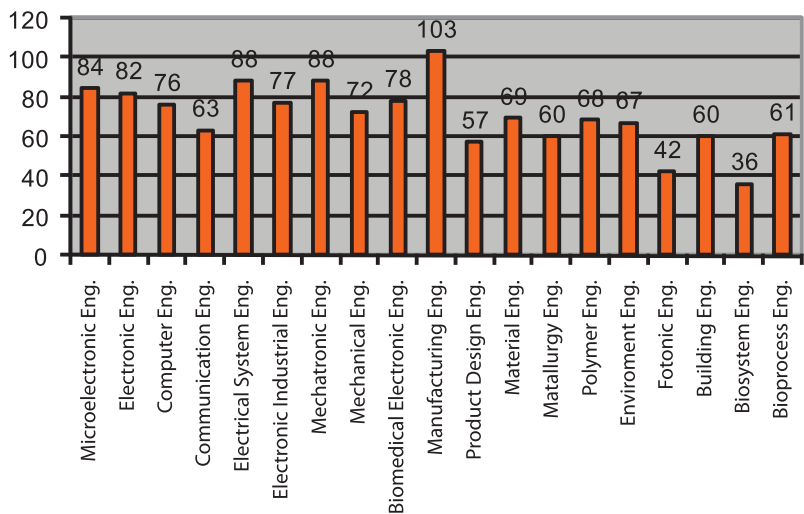
Source: Office of Deputy Vice Chancellor's (Research and Innovation)

17. INDUSTRIAL NETWORKING

A NUMBER OF 232 DIPLOMA STUDENT (ACCORDING TO PROGRAMMES) WHO PARTICIPATED IN THE INDUSTRIAL TRAINING PROGRAMMES IN 2009/2010 ACADEMIC SESSION



A NUMBER OF 1331 BACHELOR DEGREES STUDENT (ACCORDING TO PROGRAMMES)WHO PARTICIPATED IN THE INDUSTRIAL TRAINING PROGRAMMES IN 2009/2010 ACADEMIC SESSION



MoU between UniMAP and Industry/Local Institutions/International Institutions (2003–October 2010)



MoA between UniMAP and Industry/Local Institutions/International Institutions (2003–October 2010)



Updated : October, 2010
Source : Centre of Industrial Collaboration

18. INTERNATIONAL NETWORK

INTERNATIONAL MoU

No.	INDUSTRY / INSTITUTION INVOLVES	COUNTRY	DATE OF SIGNING	EXPIRED DATE
1.	Institut Pertanian Bogor	Indonesia	19 January 2006	19 January 2016
2.	Trisakti University	Indonesia	19 January 2006	19 January 2011
3.	Universidad Politecnica De Madrid	Spain	4 April 2006	04 April 2011
4.	Technological Education Institute Of Athens	Greece	6 April 2006	6 April 2011
5.	Technological Education Institute (T.E.I) of Piraeus	Greece	6 April 2006	6 April 2011
6.	University Of New South Wales (UNSW)	Australia	21 July 2006	21 July 2011
7.	HTW Aalen	Germany	5 September 2006	5 September 2011
8.	University Prince Of Songkla University	Thailand	13 September 2006	13 September 2011
9.	University Of Yamanashi (Faculty Of Engineering)	Japan	11 December 2006	11 December 2011
10.	Technical University of Catalonia	Spain	7 November 2006	-
11.	Thaksin University	Thailand	16 March 2007	16 Mac 2011
12.	La Trobe University	Australia	7 March 2007	7 Mac 2012
13.	Cologne University of Applied Sciences (CUAS)	Germany	13 April 2007	13 April 2012
14.	Czech Technical University in Prague	Czech Republik	6 June 2007	6 June 2012
15.	Jamia Hamdard University	New Delhi, India	18 August 2007	18 August 2012
16.	University of Ljubljana	Slovenia	11 July 2007	17 August 2012
17.	Hatyai University	Thailand	12 August 2007	12 August 2012
18.	Institut Teknologi Bandung (ITB)	Indonesia	18 August 2007	17 August 2012
19.	Prince of Songkla University (PSU) (Faculty of Engineering)	Thailand	18 August 2007	18 August 2012
20.	King Mongkut's University of Technology Thonburi	Thailand	27 November 2007	27 November 2012
21.	Athlone Institute of Technology, Ireland	Ireland	13 December 2007	13 December 2012
22.	Buskerud University College, HIBU, Norway	Norway	12 December 2007	12 December 2012
23.	Institute of Technology Ireland (IOTI)	Ireland	31 January 2008	31 January 2011
24.	University of Shanghai for Science & Technology (USST), China	China	4 February 2008	4 Februari 2013
25.	Xinjiang Polytechnic College	China	7 April 2008	07 April 2013
26.	Phuket Rajabhat University	Thailand	2 May 2008	2 Mei 2013
27.	Universitas Jenderal Soedirman (UNSOED)	Indonesia	6 May 2008	6 Mei 2013
28.	Institut Teknologi Medan (ITM)	Indonesia	9 May 2008	9 Mei 2013
29.	Universitas Diponegoro (UNDIP)	Indonesia	3 June 2008	3 Jun 2011
30.	Universitas Negeri Semarang (UNNES)	Indonesia	3 June 2008	3 Jun 2013
31.	Universitas Gadjah Mada (UGM)	Indonesia	4 June 2008	4 Jun 2013

32.	Universitas Sebelas Maret (UNS)	Indonesia	4 Jun 2008	4 Jun 2013
33.	University of Jordan	Jordan	16 July 2008	16 July 2013
34.	Princess Sumaya University of Technology (PSUT)	Jordan	16 July 2008	16 July 2013
35.	Jordan University of Science and Technology (JUST)	Jordan	16 July 2008	16 July 2013
36.	Mu'taah University	Jordan	16 July 2008	16 July 2013
37.	Xinjiang Agricultural University	China	11 July 2008	11 July 2013
38.	Walailak University	Thailand	15 August 2008	15 August 2013
39.	Swiss Asean Technical Institute (SATI)	Switzerland	15 August 2008	15 August 2013
40.	University of Medical Sciences & Technology	Sudan	14 January 2009	14 January 2014
41.	Higher Council of Community College	Yemen	11 January 2009	11 January 2014
42.	Aljazeera Community College	Yemen	10 January 2009	10 July 2014
43.	Uzbekistan State University of World Languages	Uzbekistan	28 January 2009	28 January 2014
44.	Tashkent State Technical University	Uzbekistan	28 January 2009	28 January 2013
45.	Samarkand State Architectural & Civil Engineering	Uzbekistan	29 January 2009	No time period
46.	KYRGYZ State Technical University	Kyrgyzstan	30 January 2009	30 January 2014
47.	Xian Peihua University of China	China	22 May 2009	22 Mei 2014
48.	The University of Technology	Mauritius	09 July 2009	9 July 2011
49.	University of Mauritius	Mauritius	10 July 2009	10 July 2014
50.	The University of Sharjah	Dubai	12 July 2009	12 July 2014
51.	Kunming University of Science and Technology	China	21 July 2009	21 July 2014
52.	Interscience Institute of Management & Technology, Bhubaneswar India	India	15 August 2009	15 August 2014
53.	Alif Society Mauritius, Mauritius	Mauritius	15 August 2009	15 August 2014
54.	Tashkent Automobile and Road Construction Institute	Uzbekistan	5 December 2009	5 Dcember 2014
55.	Greenwich University Karachi, Pakistan	Pakistan	22 February 2010	22 February 2013
56.	Maejo University Chiang Mai, Thailand (MJU)	Thailand	24 March 2010	24 Mac 2015
57.	Yunnan Agricultural University, China (YAU)	China	07 April 2010	07 April 2015
58.	Moscow Aviation Institute (MAI)	Russia	24 June 2010	24 Jun 2015
59.	King Abdul Aziz City for Science and Technology Saudi Arabia(KACSTS)	Arab Saudi	11 July 2010	11 July 2015
60.	University of South Bohemia in Ceske Bodejovice, Prague	Czech Republic	7 June 2010	7 Jun 2015
61.	Rajamangala University of Technology Srivijaya, Thailand (RMUTSV)	Thailand	06 August 2010	06 August 2015
62.	Universitas Sumatera Utara (USU)	Indonesia	14 October 2010	14 October 2015

Number of MoU : 62

Number of Country : 24

INTERNATIONAL STUDENT

POST GRADUATE STUDENTS

No.	Country	Number	Notes	
			Ph.D	M.Sc
1.	Indonesia	23	18	6
2.	Bangladesh	5	3	3
3.	India	8	3	5
4.	Iraq	15	18	3
5.	Thailand	2	-	2
6.	Algeria	1	1	-
7.	Nigeria	1	1	-
8.	Syria	1	2	1
9	Jordan	1	1	-
10.	Pakistan	1	1	-
11.	Libya	9	-	10
12.	Yemen	1	1	-
TOTAL		79	49	30

No. of student : 79

No. of country: 12

UNDER GRADUATE STUDENTS

No.	Country	Number
1	Indonesia	23
2	China	43
3	Sudan	2
4	Yemen	38
5	Mauritius	2
6	Somalia	10
7	Syria	1
8	Uzbekistan	5
9	Iraq	2

Number of Student: 126

Number of Country: 9

STUDENT EXCHANGE PROGRAMME (FOREIGN STUDENTS TO UniMAP)

No.	Year	Number
1	2006	2
2	2007	9
3	2008	20
4	2009	11
5	2010	13
Total		54

No.	Year	University / Country	Figure (person)
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
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
TOTAL			54

Number of Student: 54

Number of Country: 5

INTERNATIONAL SCHOLARS WHO BECOME UniMAP ACADEMIC REFEREE

No.	Country	Number
1	United Kingdom	5
2	Australia	5
3	Japan	1
4	India	1
5	USA	2
6	Germany	1
7	Sydney	1
8	Austria	1
9	Ireland	1
10	Bangladesh	1
11	Netherlands	1

Number of Expert Academic Referee: 20

Number of Country : 11

INTERNATIONAL ACADEMIC STAFF AT UniMAP

No.	Country	Number
1.	Indonesia	17
2.	India	12
3.	Iraq	7
4.	Myanmar	5
5.	Bangladesh	6
6.	Great Britain	1
7.	Republik Kyrgyz	1
8.	Australia	1
9.	Pakistan	1
10.	Thailand	2
11.	Japan	1
12.	Republik Uzbekistan	1
13.	People Republic of China	1
14.	Sudan	1
15.	United Kingdom	1
16.	Philippines	3

No. of Staf : 61

No. of Country : 16

STUDENTS EXCHANGE PROGRAMME (UniMAP TO FOREIGN COUNTRY)

No	Year	Number
1	2006	3
2	2007	8
3	2008	10
4	2009	18
5	2010	9

Total	48
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No	Year	University / Country	Figure (person)	
1	2006	Tampere University of Technology (TUT), Finland	3	
2	2007	Trisakti Universitas	5	
3	2008	Tampere University of Technology (TUT), Finland	3	
		Buskerus University College, HIBU, Norway	1	
		Tampere University of Technology (TUT), Finland	2	
		University of New South Wales (UNSW), Australia	2	
		HTW Aalen University, Germany	2	
		Trisakti University, Indonesia	2	
		Prince of Songkla, Thailand	1	
4	2009	Xinjiang Polytechnic College, China	4	
5	2010	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	
		HTW Aalen University, Germany	3	
		Trisakti University, Indonesia	3	
		Prince of Songkla, Thailand	1	
		Buskerus University College, HIBU, Norway	2	
		TOTAL		48

Number of Student: 48

Number of Country: 7

INTERNATIONAL STAFF ACADEMIC TRAINING PROGRAMME

FELLOW & STAFF ON STUDY LEAVE (From 2003 until October 2010)

In Country	M.Sc	Ph.D	Total
Completed	86	8	94
Undergoing Course	105	92	197
Total Number			291
Overseas	M.Sc	Ph.D	Total
Completed	53	14	67
Undergoing Course	7	91	98
Total Number			165
Total number of Fellow SLAB/SLAI & UniMAP Staff On Study Leave			456

UNIMAP'S FELLOW & STAFF ON STUDY LEAVE IN OVERSEAS (From 2003 until October 2010)

No	Country	Level of Study							
		M.Sc				Ph.D			
		Fellow		Staff		Fellow		Staff	
		Ongoing	Comp-leted	Sedang Berkursus	Comp-leted	Ongoing	Comp-leted	Ongoing	Comp-leted
1	Japan	1	17	0	0	6	5	8	0
2	United Kingdom	1	15	0	0	18	6	25	0
3	Germany	1	2	0	0	0	0	0	0
4	Australia	0	17	0	1	15	1	7	1
5	Finland	1	1	0	0	0	0	5	0
6	Ireland	2	0	0	0	0	0	2	0
7	New Zealand	0	0	0	0	1	0	1	1
8	Belgium	0	0	0	0	0	0	3	0
9	France	1	0	0	0	0	0	0	0
Total		7	52	0	1	40	12	51	2
Total number of Fellows & Staff on Study Leave		7				91			
Total number of Fellows & Staff completed the study		53				14			
Total		165							

UNIMAP'S FELLOW & STAFF ON STUDY LEAVE: ACCORDING TO SCHOOL (Until October 2010)

No.	Schools/Center	FELLOW	STAFF	TOTAL
1	Material Eng.	32	10	42
2	Microelectronic Eng.	13	12	25
3	Computer & Communication Eng.	23	19	42
4	Electrical System Eng.	28	9	37
5	Bioprocess Eng.	12	4	16
6	Environmental Eng.	17	5	22
7	Manufacturing Eng.	13	13	26
8	Mechatronic Eng.	28	20	48
9	Institute of Mathematics In Engineering	12	4	16
10	Center for Communication Skills & Entrepreneurship	6	10	16
11	Unit Keselamatan & Kesehatan Pekerjaan	0	1	1
12	Institute of Nano Electronic Engineering	2	1	3
13	Pusat Kejuruteraan	0	1	1
Total		186	109	295

Updated: Octoberi, 2010
Source: Study Leave Unit

UniMAP INTERNATIONAL VISIT (OFFICIAL VISIT, CONFERENCE, SEMINAR, RESEARCH)
- YEAR 2006, 2007, 2008, 2009 & 2010 (UNTIL OCTOBER, 2010)

No.	Country	No. of Visits	No.	Country	No. of Visits
1	India	9	18	Brunei Darussalam	4
2	Germany	4	19	China	11
3	Japan	8	20	Switzerland	2
4	Spain	2	21	New Zealand	3
5	United Kingdom	9	22	Korea	1
6	Indonesia	30	23	Portugal	2
7	Thailand	44	24	London	3
8	Netherland	2	25	Ireland	1
9	Korea	4	26	Pennsylvania	1
10	Australia	6	27	Austria	2
11	Timur Tengah	4	28	Taiwan	1
12	USA	8	29	Turkey	2
13	France	2	30	Belgium	1
14	Bangladesh	1	31	Czech Republic	1
15	Singapore	6	32	Virginia	1
16	Vietnam	4	33	Arab Saudi	1
17	Finland	1	34	Hong Kong	1
35	Italy	2	40	Uzbekistan	1
36	Jordan	2	41	Istanbul	1
37	Philipines	2	42	Mauritius	1
38	Yemen	1	43	Libya	1
39	Sudan	1	44	Cuba	1

Number of Visit : 236

Number of Country: 44

INTERNATIONAL VISIT TO UniMAP (YEAR 2006, 2007, 2008, 2009 & UNTIL OCTOBER, 2010)

No.	Date		Visits
	From	Until	
1.	7/6/06	7/6/06	Visit from Hatyai University, Thailand
2.	20/7/06	26/7/06	Visit from Prof. Veena Sahajwalla, Australia
3.	20/7/06	24/7/06	Visit from Datuk Manuel Condeminas, Hon. Consul General of Malaysia (Barcelona)
4.	21/7/06	21/7/06	Visit from University of Barcelona
5.	18/8/06	18/8/06	Visit from Western Digital Asia, Kuala Lumpur
6.	24/8/06	25/8/06	Visit from Yamanashi University, Japan
7.	1/9/06	1/9/06	Visit from Czechoslovakia
8.	3/9/06	5/9/06	Visit from Aalen University, Germany
9.	5/9/06	5/9/06	Academic Promotional Visit from University of Adelaide, Australia
10.	10/9/06	11/9/06	Visit from Prof. Takeo Kanade, Carnegie Mellon University (CMU), USA
11.	13/9/06	13/9/06	Visit from Prince of Songkla University (PSU), Thailand
12.	26/9/06	26/9/06	Visit from University of Tasmania & JMECC
13.	2/11/06	2/11/06	Visit from Thaksin University, Thailand
14.	7/11/06	7/11/06	Visit from Prince of Songkla University (PSU), Thailand
15.	15/11/06	15/11/06	Visit from Crystal Clear Pty. Ltd. Australia
16.	27/11/06	27/11/06	Visit from Malaysian British Educational Cooperation Services (MABECS), Kuala Lumpur
17.	30/11/06	30/11/06	Visit from Sheffield University
18.	8/1/07	8/1/07	Visit from Prince of Songkla University (PSU), Thailand
19.	22/1/07	23/1/07	Visit from Prince of Songkla University (PSU), Thailand
20.	24/3/07	24/3/07	Visit from Prince of Songkla University (PSU), Thailand
21.	10/4/07	11/4/07	Visit from Unitec Business School, New Zealand
22.	30/5/07	30/5/07	Visit from College of Islamic Studies (CIS), PSU, Thailand
23.	9/6/07	15/6/07	Visit from Australia
24.	23/7/07	23/7/07	Visit from University of Melbourne, Australia
25.	26/7/07	26/7/07	Visit from Loughborough University , United Kingdom

26.	18/9/07	18/9/07	Visit from University of Yemen, Arab Saudi
27.	19/9/07	19/9/07	Visit from Muroran Institute of Technology, Japan
28.	20/11/07	20/11/07	Visit from Germany Embassy
29.	26/11/07	26/11/07	Visit from Prince Of Songkla University (PSU), Thailand
30.	7/12/07	7/12/07	Visit from UNITEC Auckland, New Zealand
31.	9/12/07	13/12/07	Visit from Prof. Karl Kohlhof, Australia
32.	13/12/07	13/12/07	Visit from Athlone Institute of Technology (AIT), Ireland
33.	31/12/07	31/12/07	Visit from University of Shanghai for Science and Technology, China
34.	2/1/08	2/1/08	Visit from Yayasan Sriwijaya, Indonesia
35.	30/1/08	30/1/08	Visit from Hatyai University, Thailand
36.	4/2/08	4/2/08	Visit from University of Shanghai for Science and Technology, China
37.	27/2/08	27/2/08	Visit from Al-Akhyat Group, Iraq
38.	1/3/08	3/3/08	Academic Visit from Prince of Songkhla University (PSU), Thailand
39.	25/3/08	25/3/08	Visit from Universitas Sumatera Utara (USU), Indonesia
40.	5/5/08	5/5/08	Visit from Prince of Songkhla University (PSU), Thailand
41.	5/5/08	5/5/08	Visit from Computer Engineering & Microelectronic Engineering, Prince of Songkhla University (PSU), Thailand
42.	5/5/08	5/5/08	Visit from Prince of Songkhla University (PSU), Thailand
43.	8/5/08	10/5/08	Visit from Institut Teknologi Medan (ITM), Medan
44.	9/5/08	10/5/08	Visit from Dr. Wong & Ma Gang (University of Shanghai for Science & Technology (USST), China)
45.	13/5/08	14/5/08	Visit from Walailak University, Thailand
46.	3/6/08	5/6/08	Visit from King Mongkut's University of Technology Thonburi (KMUTT), Thailand
47.	25/6/08	27/6/08	Visit from Dr. Terry Jeves, Deputy Chief Executive and Academic Director, Northern Consortium United Kingdom (NCUK). Visit Objective: to seek collaboration opportunities with UniMAP.
48.	8/7/08	8/7/08	Visit from Ms Paremila, Director for Regional Office, University of Leeds, United Kingdom. Visit Objective: to promote their Study Programmes to UniMAP's Staffs and Students.
49.	1/8/08	1/8/08	Visit from Prof. David Barton, University of Leeds. Visit Objective: to seek research collaboration opportunities with UniMAP

50.	4/8/08	6/8/08	Visit from Universitas Negeri Semarang (UNNES), Indonesia. Visit Objective: A return visit, & to seek collaboration opportunities with UniMAP
51.	14/8/08	17/8/08	Visit from Swiss Asean Technical Institute (SATi), Switzerland and Swiss Ambassador. Visit Objective: To seek collaboration opportunities with UniMAP
52.	18/8/08	18/8/08	Visit from Gabenor of Nigeria. Visit Objective: To seek collaboration opportunities with UniMAP in the field of bioprocess engineering
53.	20/8/08	22/8/08	Visit from King Mongkut's of Technology Thonburi (KMUTT), Thailand. Visit Objective: To seek collaboration opportunities with UniMAP
54.	6/10/08	6/10/08	Visit from TYT Japanese attaché , & Wife, Visit Objective: Introducing Japanese working etiquette to UniMAP's staffs and students
55.	10/10/08	10/10/08	Visit from University of Medical Sciences & Technology (UMST), Sudan Visit Objective: A return visit, & to seek for collaboration, staffs & students exchange opportunities with UniMAP
56.	13/10/08	13/10/08	Visit from Didyasarin International College, Hatyai University Visit Objective: to help develop the Academic Entrepreneurship programme
57.	27/10/08	27/10/08	Visit from Maejo University Language Center, Thailand Visit Objective: To set up an academic & management connection between UniMAP and Maejo University Language Center.
58.	24/11/08	28/11/08	Visit from King Mongkut's University of Technology Thonburi (KMUTT), Thailand Visit Objective: UniMAP-KMUTT Industrial Visit Programme
59.	3/11/08	3/11/08	Visit from Athlone Institute Technology (AIT), Ireland Visit Objective: Discussion on collaboration opportunities with UniMAP
60.	10/12/08	10/12/08	Visit from Muroran Institute of Technology, Japan Visit Objective: to seek collaboration, staff & students exchange opportunities with UniMAP
61.	24/12/08	24/12/08	Visit from Universitas Syiah Kuala (Unsyiah), Indonesia Visit Objective: Discussion on collaboration opportunities with UniMAP
62.	8/1/09	8/1/09	Visit from Sekolah Menengah Kejuruan (SMK), Yayasan Pendidikan Tunas Pelita, Medan, Indonesia Visit Objective: Discussion on collaboration opportunities with UniMAP
63.	13/1/09	17/1/09	Visit from Universitas Jenderal Soedirman (UNSOED), Indonesia Visit Objective: Discussion on collaboration opportunities with UniMAP
64.	18/2/09	22/2/09	Visit from Universitas Trisakti, Indonesia Visit Objective: Discussion on collaboration opportunities with UniMAP

65.	18/3/09	18/3/09	Visit from Prof. Barry Wayne Williams (External Examiner for School of Electrical System Eng.) Visit Objective: Deliver a Talk on 'Current Research Activities of the Power Electronics, Drives and Energy Conversion Group at Strathclyde University, Scotland'
66.	24/3/09	24/3/09	Visit from Auckland International, The University Auckland, New Zealand Visit Objective: to set up an academic & management connection between UniMAP and dan University Auckland
67.	25/3/09	25/3/09	Visit from Yamanashi University, Japan Visit Objective: Discussion on collaboration opportunities with UniMAP
68.	17/4/09	20/4/09	Visit from Uzbekistan's Cultural Troupe Visit Objective: Introducing and performing a cultural show at UniMAP
69.	13/5/09	14/5/09	Visit from Walailak University, Thailand Visit Objective: Setting up a collaboration with UniMAP
70.	12/10/09	16/10/09	Visit from Xinjiang Polytechnic College, China Visit Objective: Discussion on collaboration opportunities with UniMAP
71	13/02/10	17/02/10	Visit From Al-Jaziera College, Yemen Visit Objective: Discussion/Setting up a collaboration with UniMAP
72	12/03/10	13/03/10	Visit from Rajamangala University of Thailand. Visit Objective: Performing a cultural show in conjunction with "Anugerah Seri Gemilang"
73	06/04/10	-	Visit from Heritage Consultant Ltd, Bangladesh Visit Objective: Discussion on process of taking international students from Bangladesh
74	07/04/10	-	Visit from University of Yunnan Agricultural, China. Visit Objective: Signing MoU with UniMAP
75	05/06/10	09/06/10	Visit by Prof Krzystof from University of Canterbury, New Zealand Visit Objective: Academic Talk & Official Visit to UniMAP
76	09/06/10	14/06/10	Visit from Tashkent Automobile & Road Construction Institute (TARCI), Uzbekistan Visit Objective: Official Visit to UniMAP
77	16/09/10	17/09/10	Visit from College of Applied Medical Sciences, King Saud University, Arab Saudi Visit Objective: Official visit to School of Mechatronic (Bio-process)
78	26/10/10	03/11/10	Visit by Professor Amenah Gurib-Fakim from University of Mauritius Visit Objective: Academic Talk & Academic Advisor in Bio-process

Number of Visit: 78
Number of Country: 22

Updated : October, 2010
Source : Center for International Affairs

19. TUITION FEES

BACHELOR'S DEGREE IN ENGINEERING PROGRAMME

Tuition fees and other related fees:

A. Non-Recurrent Fees:

1.Orientation	RM 150.00
2. Student Development	RM 150.00
3. Student Registration	RM 30.00
4. Student Card	RM 70.00
Total Non-Recurrent Fees	<u>RM 400.00</u>

This fee must be paid before or upon registration day.

B. Recurrent Fees (Per Semester):

1. Study Fees	RM 800.00
2. Accomodation Provident Fund	RM 450.00
3. Health Provident Fund	RM 40.00
4. Student Welfare Provident Fund	RM 30.00
5. Transportation Charges	RM 30.00
6. Hostel(Desasiswa) Activities	RM 20.00
7. Family Takaful Insurance(per year)	RM 28.00
Total Recurrent Fees	<u>RM 1,398.00</u>
Total Fees	<u>RM 1,798.00</u>

Students only needs to pay once for this Non-Recurrent Fees total **RM 400.00** during the whole study at UniMAP.This fee **MUST** be paid before or upon registration day.

However, total of Recurrent Fee amounted **RM 1,370.00** are chargeable at second semester for each academic session.

- C. For the first beginning session, students are required to pay **RM 1,798.00** (total Non-Recurrent Fees and Recurrent Fees).
- D. All fees and other charges are liable to review and change without prior notice and subjected to the University.

BACHELOR'S DEGREE IN BUSINESS PROGRAMME

Tuition fees and other related fees:

A. Non-recurrent Fees:

1. Orientation	RM 150.00
2. Student Development	RM 150.00
3. Student Registration	RM 30.00
4. Student Card	RM 70.00

Total Non-recurrent Fees	<u>RM 400.00</u>
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This fee must be paid before or upon registration day.

B. Recurrent Fees:

1. Study Fees	RM 650.00
2. Accomodation Provident Fund	RM 450.00
3. Health Provident Fund	RM 40.00
4. Student Welfare Provident Fund	RM 30.00
5. Transportation Charges	RM 30.00
6. Hostel(Desasiswa) Activities	RM 20.00
7. FamilyTakaful Insurance	RM 28.00

Total Recurrent Fees	<u>RM 1,248.00</u>
Total Fees	<u>RM 1,648.00</u>

Students only needs to pay once for this Non-recurrent Fees total **RM 400.00** during the whole study at UniMAP.This fee **MUST** be paid before or upon registration day.

However, total of Recurrent Fee amounted **RM 1,220.00** are chargeable at second semester for each academic session.

- C. For the first beginning session, students are required to pay **RM 1,648.00** (total Non-Recurrent Fees and Recurrent Fees).
- D. All fees and other charges are liable to review and change without prior notice and subjected to the University.

DIPLOMA PROGRAMME

Tuition fees and other related fees:

A. Non-recurrent Fees:

1. Orientation	RM 150.00
2. Student Development	RM 150.00
3. Student Registration	RM 30.00
4. Student Card	RM 70.00

Total Non-recurrent Fees	<u>RM 400.00</u>
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This fee must be paid before or upon registration day.

B. Recurrent Fees (Per Semester)

1. Study Fees	RM 400.00
2. Accomodation Provident Fund	RM 450.00
3. Health Provident Fund	RM 40.00
4. Student Welfare Provident Fund	RM 30.00
5. Transportation Charges	RM 30.00
6. Hostel(Desasiswa) Activities	RM 20.00
7. Family Takaful Insurance	RM 28.00

Total Recurrent Fees	<u>RM 998.00</u>
Total Fees	<u>RM 1,398.00</u>

Students only needs to pay once for this Non-recurrent Fees total **RM 400.00** during the whole study at UniMAP. This fee **MUST** be paid before or upon registration day.

However, total of Recurrent Fee amounted **RM 970.00** are chargeable at second semester for each academic session.

- C. For the first beginning session, students are required to pay **RM 1,398.00** (total Non-Recurrent Fees and Recurrent Fees).
- D. All fees and other charges are liable to review and change without prior notice and subjected to the University.

POST-GRADUATE PROGRAMME

RESEARCH MODE

(i) Tuition Fees (per semester)

Malaysian Students		
	Full-time	Part-time
Doctor of Philosophy	RM 1250.00	RM 1000.00
Master of Science	RM 1000.00	RM 900.00

International Students

Doctor of Philosophy	RM 2000.00
Master of Science	RM 1500.00

(ii) Non-recurring fees*

	Malaysian	International
Registration	RM 30.00	RM 30.00
Student Card	RM 70.00	RM 70.00
Orientation	RM 150.00	RM 150.00
	<u>RM 250.00</u>	<u>RM 250.00</u>

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

(iii) Recurring Fees (per semester)

Health	RM 40.00
Library	RM 100.00
Laboratory	RM 150.00

(iv) Health insurance (annually)

International	RM 270.00
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(v) Thesis Examination Fee*

Doctor of Philosophy	RM 1000.00
Master of Science	RM 750.00

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

Re- Examination (if necessary)	RM 300.00
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MIXED MODE

(i) Tuition Fees		
	Malaysian	International
Tuition fees	RM 150.00 x 20 units	RM 200.00 x 20 units
Project fees / Dissertation (20 units)	RM 1000.00	RM 1500.00
TOTAL	RM 4000.00	RM 5500.00

(ii) Non-recurring fees*		
	Malaysian	International
Registration	RM 30.00	RM 30.00
Student Card	RM 70.00	RM 70.00
Orientation	RM 150.00	RM 150.00
	<u>RM 250.00</u>	<u>RM 250.00</u>

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

(iii) Recurring Fees (per semester)	
Health	RM 40.00
Library	RM 100.00
Laboratory	RM 150.00

(iv) Health insurance (annually)	
International students	RM 270.00

(v) Dissertation Examination Fee	
Master of Science	RM 750.00
Re-Examination (if necessary)	RM 300.00

COURSEWORK

(i) Tuition Fees

	Malaysian	International
Tuition fees	RM 300.00 x 42 units	RM 400.00 x 42 units

(ii) Non-recurring fees*

	Malaysian	International
Registration	RM 30.00	RM 30.00
Student Card	RM 70.00	RM 70.00
Orientation	RM 150.00	RM 150.00
Dissertation Examination Fee	RM 500.00	RM 500.00
Alumni	RM 100.00	RM 100.00
	<u>RM 850.00</u>	<u>RM 850.00</u>

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

(iii) Recurring Fees (per semester)

Health	RM 40.00
Library	RM 100.00
Laboratory	RM 150.00

(iv) Health insurance (annually)

International students	RM 270.00
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Updated: October, 2010
Source: Treasury and Centre for Graduate Studies

20. FINANCIAL ASSISTANCE / SCHOLARSHIP

No.	Source	No. of Holder	Amount (RM)
1	Kumpulan Wang Simpanan Pekerja	22	37,801.29
2	Libyan People's Of Bureau	4	14,960.00
3	Biasiswa Kementerian Pengajian Tinggi	18	26,365.00
4	Yayasan Pelajaran Johor	6	16,500.00
5	Yayasan Negeri Sembilan	17	35,750.00
6	Yayasan Felcra	1	920.00
7	Yayasan Selangor	6	20,000.00
8	Lee Foundation, States Of Malaya	1	500.00
9	Tabung Amanah Pendidikan Negeri Melaka	15	51,750.00
10	Biasiswa Universiti Teknologi MARA	2	3,580.00
11	Biasiswa Kerajaan Negeri Pulau Pinang	3	6,500.00
12	Yayasan Terengganu	6	16,600.00
13	Biasiswa Permodalan Nasional Berhad	8	10,256.00
14	Biasiswa Kesatuan Guru-guru Melayu Kelantan	1	1,500.00
15	Yayasan Pahang	6	21,000.00
16	Embassy Of The Republic Of Yemen Cultural Attache	38	273,130.45
17	Kuok Foundation Berhad	3	13,500.00
18	Yayasan Kelantan Darulnaim	3	7,500.00
19	Perbadanan Tabung Pendidikan Tinggi Nasional	3,452	4,254,542.00
20	Kumpulan Wang Biasiswa Negeri Selangor	21	62,650.00
21	Jabatan Perkhidmatan Awam	2	1,650.00
22	Pertubuhan Keselamatan Sosial	1	400.00
23	Biasiswa Kerajaan Negeri Sabah	9	30,840.00
24	G.A.B Foundation	1	5,000.00
25	Yayasan Felda	1	6,000.00
26	Yayasan KLK	1	3,500.00
27	Lembaga Zakat Selangor	1	1,798.00
28	Majlis Amanah Rakyat	4	5,592.00
29	Majlis Ugama Islam Sabah	2	2,000.00
30	Majlis Agama Islam Dan Adat Melayu Perak Darul Ridzuan	71	42,000.00
TOTAL			4,974,084.74

Updated : October, 2010
Source : Treasury

21. FINANCIAL STATEMENTS

Administrative Allocation									
	2002	2003	2004	2005	2006	2007	2008	2009	2010 (Until 30 Sept. 2010)
Allocation from Government	17,957,300.00	60,000,000.00	71,000,000.00	91,593,500.00	95,707,000.00	120,196,500.00	141,113,200.00	176,157,000.00	159,481,810.00
Expenditure	16,677,196.00	56,517,190.34	67,970,115.28	89,304,111.57	95,707,000.00	115,693,423.78	139,410,444.94	172,326,910.59	122,406,563.44
% Expenditure	92.87	94.20	95.73	97.50	100.00	96.25	98.79	97.83	76.75

Property Allocation (Vol. 35000)									
	2002	2003	2004	2005	2006	2007	2008	2009	2010 (Until 30 Sept. 2010)
Allocation from Government	6,094,400.00	26,062,510.00	27,634,500.00	30,160,780.00	22,000,000.00	17,090,000.00	19,522,000.00	29,258,679.00	15,860,949.00
Expenditure	6,070,555.10	24,789,376.02	25,653,572.39	29,962,858.29	21,841,695.50	16,216,074.17	18,782,751.66	28,736,015.08	11,725,192.39
% Expenditure	99.61	95.12	92.83	99.34	99.28	94.89	96.21	98.21	73.92

