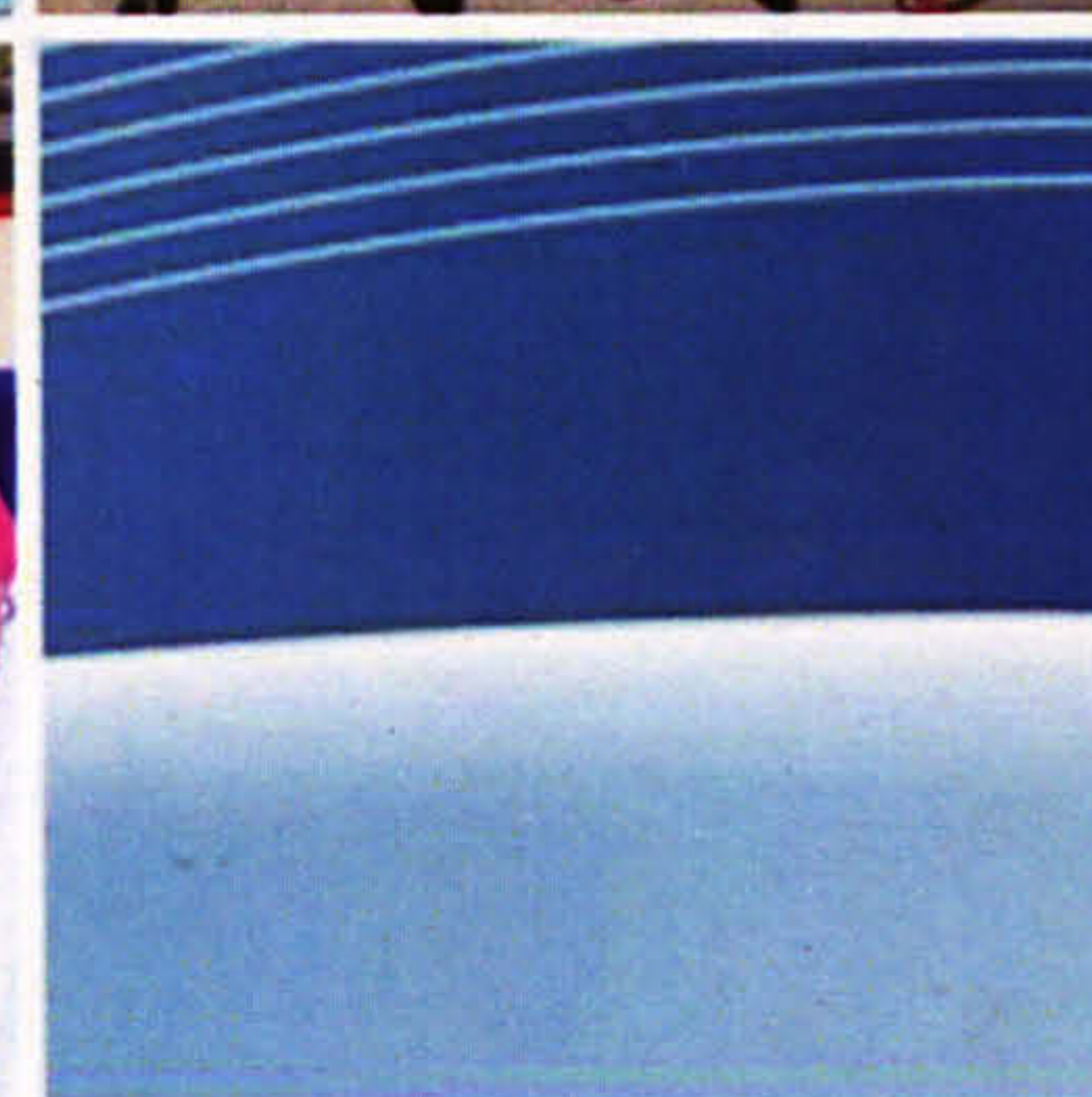
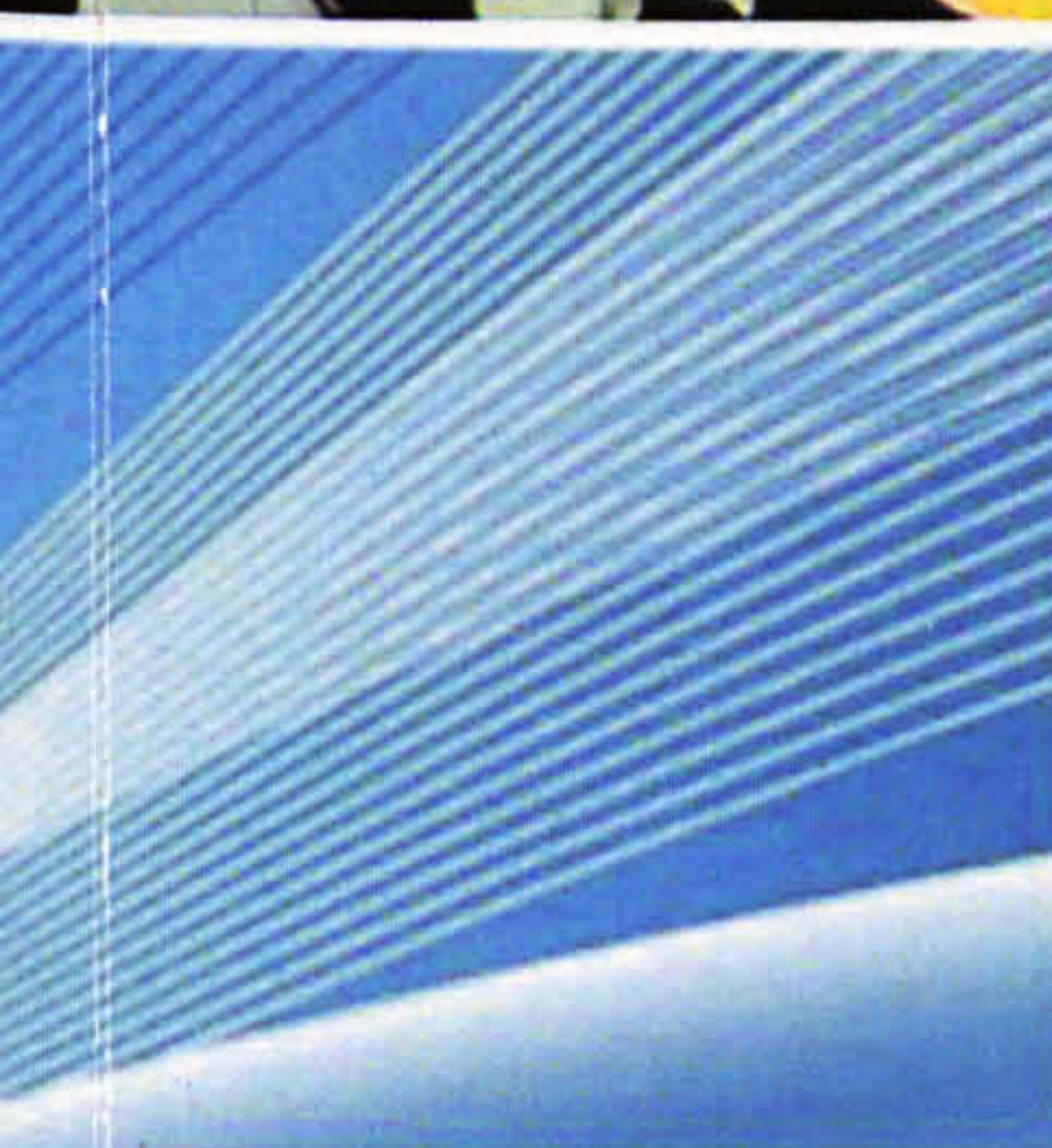




ANNUAL REPORT 2014




FACULTY OF ENGINEERING
UNIVERSITI MALAYSIA SARAWAK

Uni
LG
173
A615
2014

<http://www.feng.unimas.my>

CONTENTS

Pusat Khidmat Maklumat Akademik
UNIVERSITI MALAYSIA SARAWAK

DEAN'S MESSAGE	P. KHIDMAT MAKLUMAT AKADEMIK UNIMAS  1000272765	3
VISION & MISSION.....		5
1 SUPPORT STAFF 2014		6
1.1 MANAGEMENT & ADMINISTRATIVE STAFF LIST.....		6
1.1.1 Statistics of Management Staff		6
1.1.2 List of Management Staff.....		6
1.2 ACADEMIC STAFF LIST		7
1.2.1 Department of Civil Engineering		8-9
1.2.2 Department of Electronics Engineering (Telecommunication Programme).....		9-10
1.2.3 Department of Electronics Engineering (Computer Programme).....		10-11
1.2.4 Department of Mechanical & Manufacturing Engineering		11-12
1.2.5 Department of Chemical Engineering & Energy Sustainability.....		11
1.2.6 Full Record of Academic Staff.....		13
1.3 PROFESSIONAL & ADMINISTRATIVE OFFICER, SUPPORT & TECHNICAL STAFF (NON ACADEMIC).....		13
1.3.1 Professional & Administrative Officer		13
1.3.2 List of Professional & Administrative Officer		13
1.3.3 Administrative Support Staff		13
1.3.4 List of Administrative Support Staff.....		14
1.3.5 Technical Staff		15-16
1.3.6 List of Technical Staff.....		15-17
1.4 NEW APPOINTMENT, NEW RECRUITMENT, PROMOTED, RETIRED / RESIGN ..		17
1.4.1 New Appointment.....		17
1.4.2 Promoted		17-19
1.4.3 New Recruitment.....		20
1.4.4 Retired / Resign.....		20
1.5 STAFF ON STUDY LEAVE / SABBATICAL / ON LEAVE WITHOUT SALARY / SECONDMENT		20
1.5.1 Secondment		20
1.5.2 On Study Leave.....		20
1.6 STAFF REPORT DUTY AFTER STUDY LEAVE		21
2 NETWORKING		22
3 STUDENT ENROLMENT		23
3.1 UNDERGRADUATE		23
3.1.1 Enrolment		23
3.1.2 Undergraduate by Year.....		Error! Bookmark not defined.
3.2 Teaching and Learning (T&L) Performance : Academic Staff		25
4 PROGRAMMES OFFERED.....		24

6/12/25/2014

4.1	PROGRAMMES OFFERED.....	25
4.2	SCANNED BEM CERTIFICATES.....	26
4.2.1	Bachelor of Engineering with Honours (Civil Engineering).....	26-28
4.2.2	Bachelor of Engineering (Hons) in Electronics (Telecommunications).....	28-30
4.2.3	Bachelor of Engineering (Hons) in Electronics (Computer).....	30-32
4.2.4	Bachelor of Engineering with Honours (Mechanical & Manufacturing Engineering).	32-34
4.2.5	Bachelor of Engineering with Honours (Chemical Engineering).....	35-36
5	POSTGRADUATE.....	37-44
6	CONFERENCE / SEMINAR PRESENTED BY LECTURER	44
6.1	LIST OF LOCAL CONFERENCE / SEMINAR PRESENTED BY LECTURER.....	45-51
6.2	LIST OF INTERNATIONAL CONFERENCE / SEMINAR PRESENTED BY LECTURER.	52-54
7	PUBLICATIONS	51
7.1	PROCEEDINGS	54
7.2	JOURNALS.....	56-59
8	LIST OF RESEARCH ACTIVITIES.....	59
9	LIST OF ACADEMIC ACTIVITIES.....	69-72
10	STUDENT'S ACTIVITIES.....	73-75
10.1	Competitons and Awards	76-80
11	LIST OF ACADEMIC STAFF & Qualifications	81-103
12	ORGANIZATION CHART	104
12.1	FACULTY OF ENGINEERING	104
12.2	DEPARTMENT OF CIVIL ENGINEERING.....	105
12.3	DEPARTMENT OF ELECTRONIC ENGINEERING	106
12.4	DEPARTMENT OF MECHANICAL & MANUFACTURING ENGINEERING	107
12.5	DEPARTMENT OF CHEMICAL ENGINEERING & ENERGY SUSTAINABILITY....	108
12.6	UNITS ORGANIZATION CHART	109
13	FINANCIAL REPORT	110
	2014 MAJOR OUTCOMES AND QUICK WINS 2014-2015	111
	2014 NEWS PAPER CUTTING.....	112-121

Uni
LG
173
JM
AG15
2014

DEAN'S MESSAGE



The year 2014 had witnessed many proud achievements that have been achieved by the Faculty of Engineering. One of the most remarkable achievements is full accreditation by the EAC on the undergraduate programs at the Faculty of Engineering. Two programs namely Mechanical and Manufacturing Engineering program, and Civil Engineering program had received full accreditation for five years from the Engineering Accreditation Council (EAC). While for the Electronics (Telecommunication) Engineering program and Electronics (Computer) Engineering program received three (3) years accreditation. Year 2014 also saw the faculty of engineering had successfully offer a new program namely Electrical and Electronic Program with first batch of 30 students. For the 2014/2015 session, the total number of student intake was 369 students and the total enrollment was 1365 students.

Besides accomplishments being made in undergraduate programs, the faculty had also attained several achievements in post graduate studies, research and consultancy. Year 2014 had seen an increased in the number of postgraduate students registration in the faculty, both in the PhD program and Master Program (by research and coursework). The number of new post-graduate students registered in 2014 was 74, nearly twice the number of students registered in 2013 which was 46. Research activities had also increased in the year 2014; 60 research findings have been published in index journals, 39 presented in conferences and 7 books related to Engineering were published.

The faculty had also passionately engaging with the industries in Sarawak and West Malaysia to collaborate in research and development, human capital development and corporate social responsibility. Several industries had shown interest to set up joint research laboratory in the faculty. This augurs well with the faculty's vision and mission transcript in the faculty's strategic plan 2014-2018 book. In the Faculty of Engineering Strategic Plan 2014-2015, seven thrusts have been formulated to increase our national and international impact and our contribution to the society. Quality of Research and Development has been identified as one of the thrusts in order to strengthen the research and innovation in the Faculty. It is the faculty's hope that year 2015 will further elevate the faculty's success.

Assoc Prof Dr Al-Khalid Bin Haji Othman

VISION & MISSION

VISION OF THE FACULTY

To be a leading faculty with accredited Engineering programmes producing quality graduates, and benefiting the community and nation through high impact research and exemplary leadership.

MISSION OF THE FACULTY

To provide a culture of continuous quality improvement through holistic curriculum and strategic research involving stakeholder participation that is delivered by scholarly faculty members who contribute towards knowledge creation.

QUALITY POLICY

Faculty of Engineering is committed to become the preferred faculty chosen by prospective students and to produce excellent and quality graduates by providing outstanding teaching services through the recruiting of quality and qualified lecturers.

QUALITY OBJECTIVES

- Ensure that the implementation of teaching plan is 100% achieved.
- Ensure adequate resources to facilitate the implementation of teaching, learning and assessment activities.
- Ensure sufficient and qualified lecturers.
- Ensure that customer satisfaction is 100% achieved.

1 FENG STAFF 2014

1.1 MANAGEMENT

1.1.1 Statistics of Management Staff

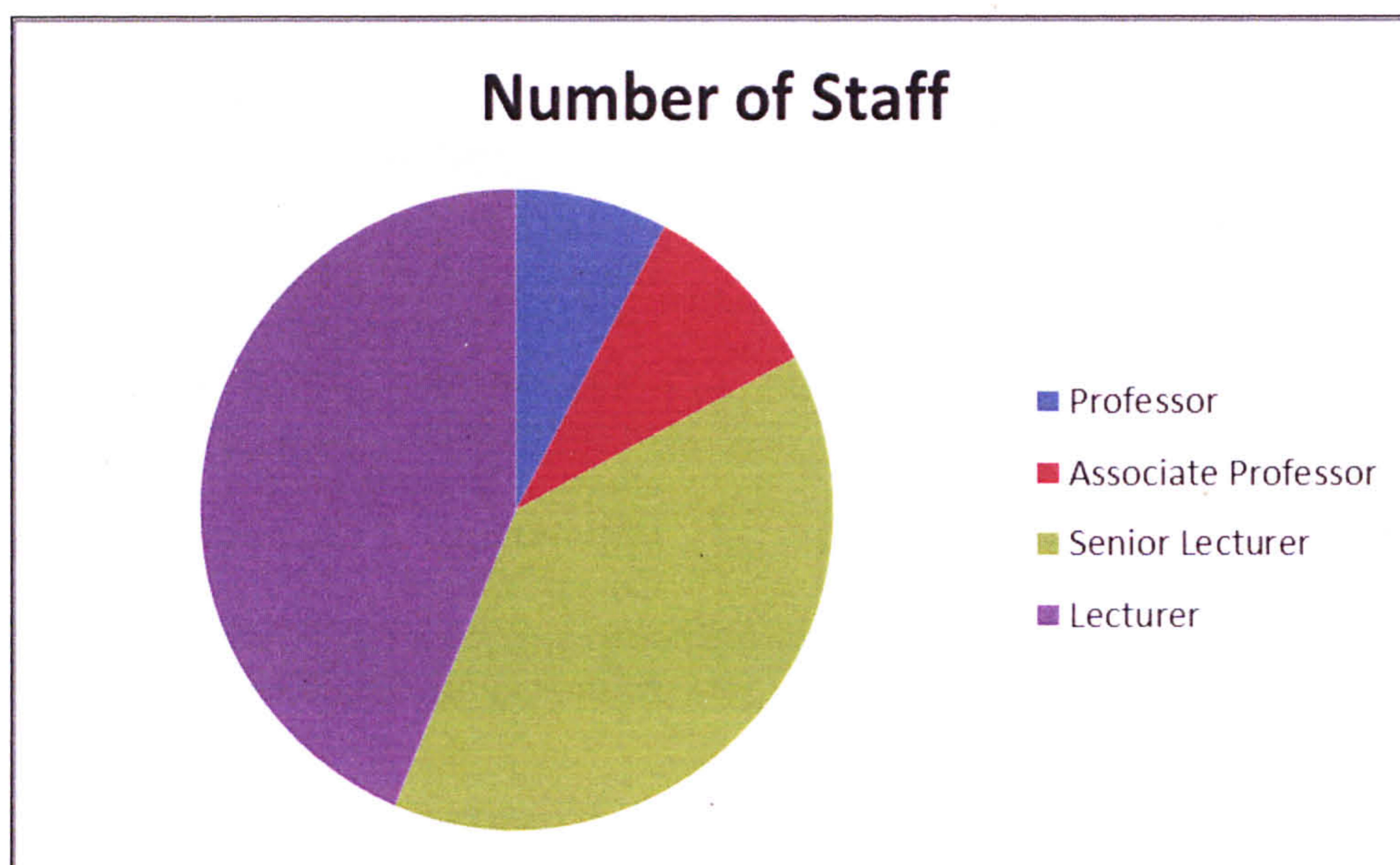
Designation	Total
Dean	1
Deputy Dean	2
Head of Department	4
Program Coordinator	6
TOTAL	13

1.1.2 List of Management Staff

Name	Designation
Associate Professor Dr Al-Khalid bin Hj Othman	Dean
Associate Professor Dr Abdullah Yassin	Deputy Dean (Undergraduate & Students Development)
Dr Hushairi Zen	Deputy Dean (Postgraduate & Research)
Dr Thelaha Hj Masri	Head of Department Department of Electronics Engineering
Associate Professor Dr Syed Tarmizi Syed Syazali	Head of Department Department of Mechanical & Manufacturing Engineering
Dr Shanti Faridah Salleh	Head of Department Department of Chemical Engineering & Energy Sustainability
Rosmina Ahmad Bustami	Head of Department Department of Civil Engineering

1.2 ACADEMIC STAFF LIST

FENG Academic Staff	Number of Staff	Percentage (%)
Professor	10	8
Associate Professor	12	9
Senior Lecturer	50	39
Lecturer	56	44



1.2.1 Department of Civil Engineering

No.	Name	Designation
1.	Professor Dr Wan Hashim Wan Ibrahim	Professor
2.	Professor Ir. Dr Law Puong Ling	Professor
3.	Professor Dr F.J. Putuhena	Professor
4.	Professor Dr Ng Chee Khoon	Professor
5.	Professor Dr Shenbaga Rajaratnam Kaniraj Jeyachandran	Professor
6.	Professor Dr Md Abdul Mannan	Professor
7.	Associate Professor Dr Mohammad Ibrahim Safawi Mohd Zain	Associate Professor
8.	Associate Professor Dr Azhaili Baharun	Associate Professor
9.	Associate Professor Dr Nasser Rostam Afshar	Associate Professor
10.	Associate Professor Dr Siti Noor Linda Taib	Associate Professor
11.	Dr Delsye Teo Ching Lee	Senior Lecturer
12.	Dr Onni Suhaiza Selaman	Senior Lecturer
13.	Dr Siti Halipah Ibrahim	Senior Lecturer
14.	Dr Abdul Razak Abdul Karim	Senior Lecturer
15.	Dr Norazzlina M. Sa'don	Senior Lecturer
16.	Dr Mohamad Raduan Kabit	Senior Lecturer
17.	Dr Fauzan Sahdi	Senior Lecturer
18.	Ir. Dr Ting Sim Nee	Senior Lecturer
19.	Dr Gaddafi Ismaili	Senior Lecturer
20.	Dr Darrien Mah Yau Seng	Senior Lecturer
21.	Dr Leonard Lim Lik Pueh	Senior Lecturer
22.	Dr Idawati Ismail	Senior Lecturer
23.	Dr Norsuzailina Mohamed Sutan	Senior Lecturer
24.	Dr Charles Bong Hin Joo	Senior Lecturer
25.	Dr Raudhah Ahmadi	Senior Lecturer
26.	Rosmina Ahmad Bustami	Senior Lecturer / Head of Department

No.	Name	Designation
27.	Ahmad Kamal Abdul Aziz	Senior Lecturer
28.	Dygku Salma Awg Ismail	Lecturer
29.	Rohaida Affandi	Lecturer
30.	Zamri Bujang	Lecturer
31.	Nor Azalina Rosli	Lecturer
32.	Jethro Henry Adam	Lecturer
33.	<i>Azida Rashidi</i>	Senior Lecturer (On Study Leave)
34.	<i>Ron Aldrino Chan @ Ron Buking</i>	Lecturer (On Study Leave)
35.	<i>Abd Azim Abdullah</i>	Lecturer (On Study Leave)
36.	<i>Larry Silas Tirau</i>	Lecturer (On Study Leave)
37.	<i>Norazlina Bateni</i>	Lecturer (On Study Leave)

1.2.2 Department of Electrical & Electronics Engineering (Telecommunication Programme)

No	Name	Designation
1.	Associate Professor Dr Al-Khalid Hj Othman	Associate Professor/ Dean
2.	Associate Professor Dr Wan Azlan Wan Zainal Abidin	Associate Professor
3.	Dr Hushairi Zen	Senior Lecturer/ Deputy Dean (Postgraduate & Research)
4.	Dr Thelaha Masri	Senior Lecturer / Head of Department
5.	Associate Professor Sakena Abdul Jabar	Senior Lecturer
6.	Dr Rohana Sapawi	Senior Lecturer
7.	Dr Kismet Hong Ping	Senior Lecturer
8.	Dr Ir Prashobh Kuma Karunakaran	Senior Lecturer
9.	Dr Martin Anyi	Senior Lecturer
10.	Dr Ngu Sze Song	Senior Lecturer
11.	Ir. David Bong Boon Liang	Senior Lecturer
12.	Dr Dayang Azra Awang Mat	Senior Lecturer
13.	Dr Muhammad Kashif	Senior Lecturer

14.	Ng Liang Yew	Senior Lecturer
15.	Norhuzaimin Julai	Senior Lecturer
16.	Dyg Nur Salmi Dharmiza Awg Salleh	Lecturer
17.	Abdul Hafiz Abdul Karim	Lecturer
18.	Hazmi Hijazi Abdul Halim	Lecturer
19.	Azfar Satari Abdullah	Lecturer
20.	Shirley anak Rufus	Lecturer
21.	Nurul 'Izzati Hashim	Lecturer
22.	Mohd Hafiez Izzwan Saad	Lecturer
23.	Sharifah Masniah Wan Masra	Lecturer
24.	Nazreen Junaidi	Lecturer
25.	<i>Mohd Faizrizwan Mohd Sabri</i>	<i>Lecturer (On Study Leave)</i>
26.	<i>Nurdiani Zamhari</i>	<i>Lecturer (On Study Leave)</i>
27.	<i>Ade Syaheda Wani Marzuki</i>	<i>Lecturer (On Study Leave)</i>
28.	<i>Kasumawati Lias</i>	<i>Lecturer (On Study Leave)</i>
29.	<i>Hazrul Mohamed Basri</i>	<i>Lecturer (On Study Leave)</i>

1.2.3 Department of Electrical & Electronics Engineering (Computer Programme)

No	Name	Designation
1.	Associate Professor Dr Mohd Saufee Muhammad	Associate Professor
2.	Dr Tay Kai Meng	Senior Lecturer
3.	Dr Nordiana Rajae	Senior Lecturer
4.	Dr Siti Kudnie Sahari	Senior Lecturer
5.	Dr Shafrida Sahrani	Senior Lecturer
6.	Dr Lakshmanan al Gurusamy	Senior Lecturer
7.	Dr Annie Joseph	Senior Lecturer
8.	Asrani Lit	Lecturer
9.	Shamsiah Suhaili	Lecturer
10.	Kuryati Kipli	Lecturer

11.	<i>Maimun Huja Husin</i>	Lecturer (On Study Leave)
12.	<i>Tengku Mohd Afendi Zulcaffle</i>	Lecturer (On Study Leave)
13.	<i>Kho Lee Chin</i>	Lecturer (On Study Leave)

1.2.4 Department of Mechanical & Manufacturing Engineering

No	Name	Designation
1.	Professor Dr Amir Azam Khan	Professor
2.	Professor Dr Sinin bin Hamdan	Professor
3.	Professor Ir Dr Andrew Ragai Henry Rigit	Professor
4.	Associate Professor Dr M. Shahidul Islam	Associate Professor
5.	Associate Professor Dr Abu Saleh Ahmed	Associate Professor
6.	Associate Professor Dr Abdullah Yassin	Associate Professor / Deputy Dean (Undergraduate & Students Development)
7.	Associate Professor Dr Syed Tarmizi Syed Shazali	Associate Professor
8.	Dr Magdalene Andrew Munot	Senior Lecturer
9.	Dr Mohd Danial Ibrahim	Senior Lecturer
10.	Dr Nicholas Kuan Hoo Tien	Senior Lecturer
11.	Dr Hamidreza Namazi	Senior Lecturer
12.	Dr Shahrol Mohamaddan	Senior Lecturer
13.	Dr Ana Sakura Zainal Abidin	Senior Lecturer
14.	Dr Nur Tahirah Razali	Senior Lecturer
15.	Ahmad Adzlan Fadzli Khairi	Lecturer
16.	Mohd Fareez Edzuan Abdullah	Lecturer
17.	Noor Aliah Abdul Majid	Lecturer
18.	Muhamad Fadzli Ashari	Lecturer
19.	Mohd Syahmi Jamaludin	Lecturer
20.	Siti Nor Ain Musa	Lecturer
21.	Rasli Muslimen	Lecturer
22.	Hishammudin Afifi Huspi	Lecturer
23.	Abg Mohd Aizuddin bin Abg Mohd Mohtar	Lecturer

24.	Marini Sawawi	Lecturer
25.	Mohd Azrin Mohd Said	Lecturer
26.	Mahshuri Yusof	Lecturer
27.	<i>Ervina Junaidi</i>	Senior Lecturer (On Study Leave)
28.	<i>Aidil Azli Alias</i>	Lecturer (On Study Leave)
29.	<i>Noor Hisyam Noor Mohamed</i>	Lecturer (On Study Leave)
30.	<i>Abang Mohd Nizam Abang Kamaruddin</i>	Lecturer (On Study Leave)
31.	<i>Shirley Johnathan Tanjong</i>	Lecturer (On Study Leave)
32.	<i>Mohamad Iskandar Jobli</i>	Lecturer (On Study Leave)
33.	<i>Annisa Jamali</i>	Lecturer (On Study Leave)

1.2.5 Department of Chemical Engineering & Energy Sustainability

No	Name	Designation
1.	Professor Dr Mohammad Omar Abdullah @ Mak Khoon Ling	Professor
2.	Associate Professor Dr Khairuddin Sanaullah	Associate Professor
3.	Dr Shanti Faridah Salleh	Senior Lecturer / Head of Department
4.	Dr. Ivy Tan Ai Wei	Senior Lecturer
5.	Dr Lim Soh Fong	Senior Lecturer
6.	Dr Rubiyah Bains	Senior Lecturer
7.	Dr Md Rezaur Rahman	Senior Lecturer
8.	Nazeri Abdul Rahman	Lecturer
9.	Mohd Farid bin Atan	Lecturer
10.	Nur Syuhada binti Ahmad Zauzi	Lecturer
11.	Ibrahim bin Yakub	Lecturer
12.	Khairul Anwar bin Mohd Said	Lecturer
13.	Mohamed Afizal bin Mohamed Amin	Lecturer
14.	Norlisa binti Mili	Lecturer
15.	Noraziah bt Abd Wahaab	Lecturer
16.	<i>Norfamila Che Mat</i>	Lecturer (On Study Leave)

1.2.6 Full Record of Academic Staff

Designation	Total
<i>Department of Civil Engineering</i>	
Lecturer	32
On Study Leave – PhD	5
Total	37
Tutor	-
On Study Leave – Master	-
Total	-
TOTAL	
<i>Department of Electrical & Electronic Engineering</i>	
Lecturer	34
On Study Leave – PhD	8
Total	42
Tutor	-
On Study Leave – Master	-
Total	-
TOTAL	
<i>Department of Mechanical & Manufacturing Engineering</i>	
Lecturer	26
On Study Leave – PhD	7
Total	33
Tutor	-
On Study Leave – Master	-
Total	-
TOTAL	
<i>Department of Chemical Engineering & Energy Sustainability</i>	
Lecturer	15
On Study Leave – PhD	1
Total	16
Tutor	-
On Study Leave – Master	-
Total	-
TOTAL	
TOTAL	
128	

1.3 PROFESSIONAL & ADMINISTRATIVE OFFICER, SUPPORT & TECHNICAL STAFF (NON ACADEMIC)

1.3.1 Professional & Administrative Officer

Designation	Total
Senior Assistant Registrar N44	1
Assistant Registrar N41	1
Science Officer C41	2
TOTAL	4

1.3.2 List of Professional & Administrative Officer

No	Name	Designation
1.	Abg Asmadi b Abg Shokeran	Senior Assistant Registrar
2.	Sulian Mohammad Alias	Assistant Registrar
3.	Raja Mohd Raffel Zulkifli	Science Officer
4.	Norzilawatil Azwa binti Mohamad	Science Officer

1.3.3 Administrative Support Staff

Designation	Total
Assistant Administrative Officer N27	1
Assistant Accountant Officer W27	1
Assistant Information Technology Officer F32	1
Personal Assistant N32	1
Personal Assistant N32	1
Personal Assistant N28	1
Personal Assistant N27	1
Senior Administrative Staff N22	1
Administrative Staff N17	7
Customer Relations Officer N17	1
Assistant Accountant W17	2
General Staff N11	1
TOTAL	17

1.3.4 List of Administrative Support Staff

No	Name	Designation
1.	Siti Kasmi bt. Iskandar	Assistant Administrative Officer
2.	Hamizah binti Kawi	Accountant Assistant Officer
3.	Shamsiah Sahari	Dean's Personal Assistant
4.	Hajah Fatimah bt. Haji Tenain	Deputy Dean's Personal Assistant
5.	Noorhaneyza Suhardi Ali Kechik	Deputy Dean's Personal Assistant
6.	Siti Rogayah Taibi	Senior Administrative Assistant (Clerical/Operation)
7.	Rohaida Mohamad	Administrative Assistant (Clerical/Operation)
8.	Edward Egat Bilong	Administrative Assistant (Clerical/Operation)
9.	Siti Farazilla Jakaria	Administrative Assistant (Clerical/Operation)
10.	Juliana binti Pon	Administrative Assistant (Clerical/Operation)
11.	Laura Manggi	Administrative Assistant (Clerical/Operation)
12.	Djennifer ak Franklin	Administrative Assistant (Clerical/Operation)
13.	Soviyantie bt Karmanie	Administrative Assistant (Clerical/Operation)
14.	Haliah binti Taip	Accountant Assistant
15.	Rosita Demi ak Jus	Accountant Assistant
16.	Angela ak Robert Lin	Customer Service Officer
17.	Zulkenain Yusuf	General Staff

1.3.5 Technical Staff

Designation	Total
Senior Assistant Engineer J38	1
Senior Assistant Engineer J36	4
Assistant Information Technology Officer F29	1
Assistant Engineer J29	32
Science Assistant Officer C27	1
Senior Lab Assistance C22	1
Technician J17	1
Computer Technician FT17	1

	Total	39
On Leave (Gred J29)		2
	TOTAL	41

1.3.6 List of Technical Staff

1.3.6.1 IT-Unit

No	Name	Designation
1.	Rose Sima anak Ikau	Assistant Information Technology Officer
2.	Mohd Ismail Hairul Abdul Latif	Lab Assistant
3.	Wiermawaty Baizura binti Awie	Computer Technician

1.3.6.2 Department of Civil Engineering

No	Name	Designation
1.	Hj. Affandi Bin Hj. Othman	Senior Assistant Engineer J38
2.	Noorasmah Binti Mohamad Kassa	Assistant Engineer J29
3.	Rozaini Bin Ahmad	Assistant Engineer J29
4.	Saiful Bin Edi	Assistant Engineer J29
5.	Nur Adha Bin Abdul Wahab	Assistant Engineer J29
6.	Mohd Sapien Bin Mohd Kassim	Assistant Engineer J29
7.	Nur Shafini Binti Hamdan	Assistant Engineer J29
8.	Mohamad Ar-Rasyidin Bin Marudin	Assistant Engineer J29
9.	Mohd Zaidi Bin Serah	Assistant Engineer J29

1.3.6.3 Department of Electronics Engineering

No	Name	Designation
1.	Wan Mohd. Hamizah Bin Wan Rosli	Senior Assistant Engineer J36
2.	Nawawi Bin Muhamad	Senior Assistant Engineer J36
3.	Awgku Mohd Azmirul Bin Awgku Omar	Assistant Engineer J29
4.	Dayang Rohhayati Binti Abang Ahmad	Assistant Engineer J29
5.	Mahathir Bin Bujang	Assistant Engineer J29
6.	Iskendasah Bin Minggu	Assistant Engineer J29

7.	Lawrence Marchwell Anak Sinin	Assistant Engineer J29
8.	Yusmizan Hanin @ Bunian	Assistant Engineer J29
9.	Mohamad Tajuddin Bin Unus	Assistant Engineer J29
10.	Zuraidah Binti Ibrahim	Assistant Engineer J29
11.	Azizan Bin Segri	Assistant Engineer J29
12.	Wan Mohd Haekal Bin Wan Herdwat	Assistant Engineer J29
13.	Johari Bin Abdul Karim	Assistant Engineer J29 (Unpaid Leave)

1.3.6.4 Department of Mechanical & Manufacturing Engineering

No	Name	Designation
1.	Zaidi Bin Suhai	Senior Assistant Engineer J36
2.	Ireman Bin Bolhassan	Senior Assistant Engineer J36
3.	Mohd Rhyier Juen Abdullah	Assistant Engineer J29
4.	Masri Bin Zaini	Assistant Engineer J29
5.	Hasmiza Binti Kontet	Assistant Engineer J29
6.	Sabariman Bin Bakar	Assistant Engineer J29
7.	Mohd Fairudi Bin Mohd Jamil	Assistant Engineer J29
8.	Siti Fazilah Binti Mohammad	Assistant Engineer J29
9.	Azaman Bin Jajol	Assistant Engineer J29 (Study Leave)

1.3.6.5 Department of Chemical Engineering & Energy Sustainability

No	Name	Designation
1.	Zulkifli Bin Ahmat	Assistant Engineer J29
2.	Mohd Hafiz Bin Mafadi	Assistant Engineer J29
3.	Kamri Bin Mohamad	Assistant Engineer J29
4.	Mohd Amirul Nizam Bin Amit	Assistant Engineer J29
5.	Airul Azhar Bin Jitai	Assistant Engineer J29
6.	Mohd Zulfika Hazielim b Zakaria	Assistant Science Officer C27
7.	Mohamad Ruzaini Bin Razak	Technician J17

1.4 NEW APPOINTMENT, NEW RECRUITMENT, PROMOTED, RETIRED/RESIGN

1.4.1 New Appointment

1.4.1.1 Vice Chancellor at Universiti Malaysia of Computer Science and Engineering (UniMy)

Professor Datuk Dr Khairuddin Ab Hamid

1.4.2 Promoted

1.4.2.1 Professor

Professor Dr Mohamad Omar Abdullah

1.4.2.2 Associate Professor DS54

Associate Professor Dr Abdullah Yassin

Associate Professor Dr Syed Tarmizi Syed Shazali

Associate Professor Hajjah Sakena Abdul Jabar

1.4.2.3 Senior Lecturer DS52

Ir Dr David Bong Boon Liang

Dr Norsuzailina Mohamed Sutan

Dr Ana Sakura Zainal Abidin

Dr Martin Anyi

Dr Dayang Azra Awang Mat

Dr Charles Bong Hin Joo

Dr Raudhah Ahmadi

Dr Ngu Sze Song

Rosmina Ahmad Bustami

Ng Liang Yew

Ahmad Kamal Abdul Aziz

1.4.2.4 Assistant Registrar N44

Encik Mizan Morshidi

1.4.2.5 Assistant Engineer JA38

Hj Affandi Hj Othman

1.4.2.6 Assistant Engineer JA36

Ireman Bolhassan

Nawawi Muhamad

1.4.2.7 Assistant Engineer J29

Rozaini bin Ahmad

Saiful bin Edi

Nur Adha bin Abdul Wahab

Mohd Sopian bin Mohd Kassim

Nur Shafini binti Hamdan

Mohamad Ar-Rasyidin bin Marudin

Mohd Zaidi bin Serah

Yusmizan bin Bunian

Iskendasah bin Minggu

Mohamad Tajuddin bin Unus

Azizan bin Segri

Mahathir bin Bujang

Lawrence Macwell anak Sinin

Zuraidah binti Ibrahim

Wan Mohd Haekal bin Wan Herdwat

Masri bin Zaini

Sabriman bin Bakar

Mohd Fairudi bin Mohd Jamil

Rhyier Juen @ Mohd Rhyier Juen Abdullah

Hasmiza binti Kontet

Siti Fazilah binti Mohammad

Azaman bin Jajol

Zulkifli bin Ahmat

Mohd Hafiz bin Mafadi

Kamri bin Mohamad

Mohd Amirul Nizam bin Amit

Airul Azhar bin Jitai

1.4.3 New Recruitment

1.4.3.1 Lecturer

1.4.3.1.1 Department of Electronics Engineering

No	Name	Designation
1.	Dr Muhammad Kashif	Senior Lecturer

1.4.4 Retired / Resign

No	Name	Designation
1.	Rosmanizam Rosli	Administrative Staff (Clerical/Operation)

1.5 STAFF ON STUDY LEAVE / SABBATICAL / ON LEAVE WITHOUT SALARY / SECONDMENT

1.5.1 Secondment

No	Name	Designation
1.	-	-

1.5.2 On Study Leave

No	Name	Designation
1.	<i>Ron Aldrino Chan @ Ron Buring</i>	<i>Lecturer</i>
2.	<i>Azida Rashidi</i>	<i>Lecturer</i>
3.	<i>Larry Silas Tirau</i>	<i>Lecturer</i>
4.	<i>Norazlina Bateni</i>	<i>Lecturer</i>
5.	<i>Abd Azim Abdullah</i>	<i>Lecturer</i>
6.	<i>Noor Hisyam Noor Mohamed</i>	<i>Lecturer</i>
7.	<i>Aidil Azli Alias</i>	<i>Lecturer</i>
8.	<i>Ervina Junaidi</i>	<i>Lecturer</i>
9.	<i>Annisa Jamali</i>	<i>Lecturer</i>
10.	<i>Abang Mohd Nizam Abang Kamaruddin</i>	<i>Lecturer</i>
11.	<i>Shirley Johnathan Tanjong</i>	<i>Lecturer</i>
12.	<i>Mohamad Iskandar Jobli</i>	<i>Lecturer</i>
13.	<i>Tengku Mohd Afendi Zulcaffle</i>	<i>Lecturer</i>
14.	<i>Kho Lee Chin</i>	<i>Lecturer</i>
15.	<i>Hazrul Mohamed Basri</i>	<i>Lecturer</i>
16.	<i>Mohd Faizrizwan Mohd Sabri</i>	<i>Lecturer</i>
17.	<i>Nurdiani Zamhari</i>	<i>Lecturer</i>
18.	<i>Ade Syaheda Wani Marzuki</i>	<i>Lecturer</i>
19.	<i>Kasumawati Lias</i>	<i>Lecturer</i>
20.	<i>Maimun Huja Husin</i>	<i>Lecturer</i>
21.	<i>Norazlina Bateni</i>	<i>Lecturer</i>

22. *Norfamila Che Mat*

Lecturer

1.6 STAFF REPORT DUTY AFTER STUDY LEAVE

No	Name	Designation
1.	<i>Jethro Henry Adam</i>	<i>Lecturer</i>
2.	<i>Dayang Azra Awang Mat</i>	<i>Lecturer</i>
3.	<i>Annie Joseph</i>	<i>Lecturer</i>
4.	<i>Kuryati Kipli</i>	<i>Lecturer</i>
5.	<i>Nur Tahirah Razali</i>	<i>Lecturer</i>
6.	<i>Mahshuri Yusof</i>	<i>Lecturer</i>

2 NETWORKING

No.	MoU/MoA Signed	Personal Involved	Activities	Date
1.	Memorandum of Understanding for Academic Co-Operation Between UNIMAS and University Of Malaya	1. YBhg Profesor Dato' Dr Mohamad Kadim Bin Suaidi, Vice Chancellor UNIMAS, (witness : Prof Dr Wan Hashim Wan Ibrahim) 2. YBhg. Prof Dato' Dr Mohd Amin Jalaludin, Vice Chancellor UM (witness : Prof Dr Sharifah Bee Abd Hamid)	Memorandum of Understanding for Academic Co-Operation Between UNIMAS and University Of Malaya	26 May 2014
2.	Memorandum Persefahaman Antara Agensi Nuklear Malaysia, Kementerian Sains, Teknologi dan Inovasi UNIMAS	1. YBhg Dato' Dr Muhamad Bin Lebai Juri, Ketua Pengarah Agensi Nuklear Malaysia, Kementerian Sains, Teknologi & Inovasi (saksi : Dr Wan Manshol Bin Wan Zin) 2. YBhg Profesor Dato' Dr Mohamad Kadim Bin Suaidi, Naib Canselor UNIMAS (saksi: Prof Dr Wan Hashim Wan Ibrahim)	Memorandum Persefahaman Antara Agensi Nuklear Malaysia, Kementerian Sains, Teknologi dan Inovasi UNIMAS	14 August 2014
3.	Memorandum Of Understanding between UNIMAS and Jabatan Alam Sekitar		Kem Kesedaran Alam Sekitar KEKAS anjuran Jabatan Alam Sekitar Negeri Sarawak di Taman Negara Bako pada 25-27 Ogos 2014 yang telah disertai oleh 32 pelajar JKSST, UNIMAS Pertandingan Projek Sostenibiliti Tenaga Taman Negara Bako anjuran bersama Jabatan Alam Sekitar Negeri Sarawak dan Petronas Carigali Miri pada 15 Oktober 2014 yang disertai oleh pelajar JKSST.	28 October 2014

3 STUDENT ENROLMENT

3.1 UNDERGRADUATE

3.1.1 Enrolment

Statistics Intake & Enrolment in Faculty of Engineering Until 31st December 2014

Faculty/ Code	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL	
FK	WK01	120	116	101	118	22	4	1	482
	WK03	44	24	23	29	2	0	0	122
	WK18	105	104	103	101	15	5	0	433
	WK19	48	54	51	55	6	2	1	217
	WK20	38	46	52	23	8	1	0	168
	WK23	28	0	0	0	0	0	0	28
	TOTAL	383	344	330	326	53	12	2	1,450

3.2 TEACHING AND LEARNING (T&L) PERFORMANCE: ACADEMIC STAFF

Semester 2 2013/2014

	Electronics	Mechanical	Civil	Chemical	Faculty Courses
Very Excellent	1	-	3	1	-
Excellent	13	11	27	16	2
Very Good	13	12	6	5	2
Good	4	-	1	-	-
Sufficient	1	-	-	-	-
Total	32	23	37	22	4

Semester 1 2014/2015

	Electronics	Mechanical	Civil	Chemical	Faculty Courses	Elective Courses
Very Excellent	1	3	3	3	1	-
Excellent	16	16	25	5	7	3
Very Good	16	13	12	15	10	1
Good	3	14	-	1	-	-
Sufficient	1	-	-	-	-	-
Poor	1	-	-	-	-	-
Total	38	46	40	24	18	4

4 PROGRAMMES OFFERED

4.1 PROGRAMMES OFFERED

Programmes	Year of Established	Board of Engineers Malaysia Accreditation
BEng (Hons) Civil Engineering	1994	2011-2013 2014-2018
BEng (Hons) Electronics & Telecommunication Engineering	1994	2000-2004 2011-2013 2014-2016
BEng (Hons) Electronics & Computer Engineering	2000	2000-2004 2011-2013 2014-2016
BEng (Hons) Mechanical & Manufacturing Engineering	1994	2000-2004 2011-2013 2014-2018
BEng (Hons) Chemical Engineering	2009	2013-2014

4.2 ACCREDITATION CERTIFICATES

4.2.1 Bachelor of Engineering with Honours (Civil Engineering)





SERIAL No.: **09217**

REGISTRATION No.:
MQA/FA4635

CERTIFICATE OF ACCREDITATION

THE MALAYSIAN QUALIFICATIONS AGENCY HEREBY CERTIFIES THAT THE PROGRAMME

Bachelor of Engineering with Honours (Civil Engineering)

CONDUCTED BY

Universiti Malaysia Sarawak (UNIMAS)

AT

**94300 Kota Samarahan
Sarawak**

HAS ATTAINED THE QUALITY ASSURANCE STANDARDS SET BY THE AGENCY AND
IS IN COMPLIANCE WITH THE MALAYSIAN QUALIFICATIONS FRAMEWORK

Level 6

DATE OF ACCREDITATION: **01/01/2014 to 31/12/2018**



CHIEF EXECUTIVE OFFICER



CONFERMENT OF THIS CERTIFICATE OF ACCREDITATION IS SUBJECT TO THE REGULATIONS AND CONDITIONS SET BY THE AGENCY

4.2.2 **Bachelor of Engineering with Honours (Electronic & Telecommunication Engineering)**



No. Sijil: 856
Ruj. BEM/005/0441/M (007)

LEMBAGA JURUTERA MALAYSIA
(Penandatanganan Penuh Washington Accord mulai 18 Jun 2009)

SIJIL AKREDITASI

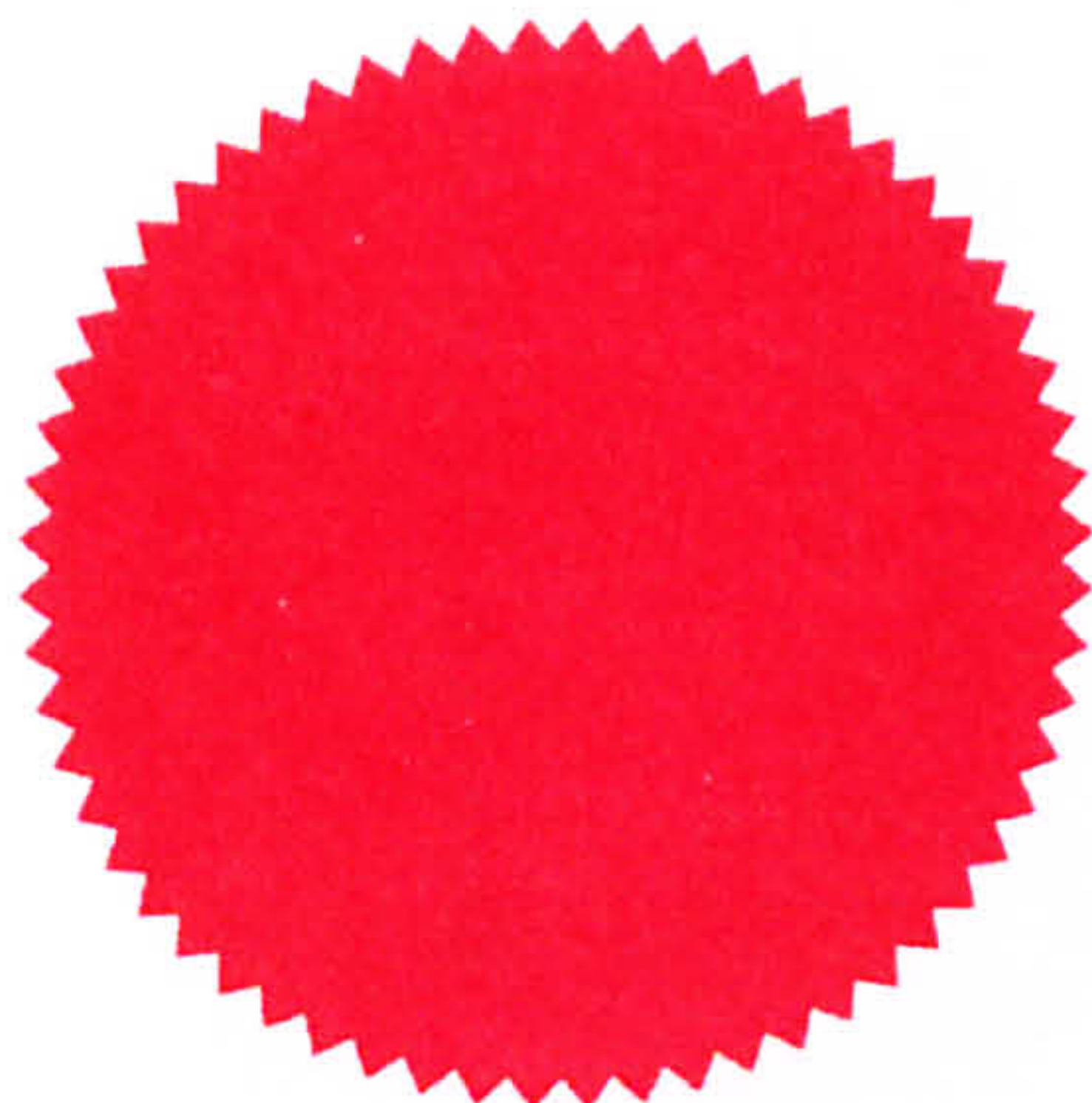
DENGAN INI MEMPERAKUKAN BAHAWA KURSUS PENGAJIAN
BACHELOR OF ENGINEERING (HONS)
IN ELECTRONICS (TELECOMMUNICATIONS)
(4-Year Programme after STPM)

YANG DIKENDALIKAN OLEH:

UNIVERSITI MALAYSIA SARAWAK

TELAH MENDAPAT PENGIKTIRAFAN RASMI BAHAWA KELAYAKAN
AKADEMIK YANG DIANUGERAHKAN ADALAH SELARAS DENGAN
STANDARD DAN KUALITI YANG TELAH DITETAPKAN OLEH
LEMBAGA JURUTERA MALAYSIA

PERAKUAN BAGI GRADUAT
TAHUN 2014 HINGGA 2016 SAHAJA



.....
DATO' Ir. HJ. ANNIES MD. ARIFF
Yang DiPertua

.....
Ir. HIZAMUL-DIN AB. RAHMAN
Pendaftar

Penganugerahan Perakuan Akreditasi ini tertakluk kepada peraturan-peraturan dan syarat-syarat yang dinyatakan di sebelah.

Tarikh Perakuan Dikeluarkan: 30.06.2014



SERIAL No.: **09357**

REGISTRATION No.:
MQA/FA4638

CERTIFICATE OF ACCREDITATION

THE MALAYSIAN QUALIFICATIONS AGENCY HEREBY CERTIFIES THAT THE PROGRAMME
Bachelor of Engineering (Hons) in Electronics (Telecommunications)

CONDUCTED BY

Universiti Malaysia Sarawak (UNIMAS)

AT

**94300 Kota Samarahan
Sarawak**

HAS ATTAINED THE QUALITY ASSURANCE STANDARDS SET BY THE AGENCY AND
IS IN COMPLIANCE WITH THE MALAYSIAN QUALIFICATIONS FRAMEWORK

Level 6

DATE OF ACCREDITATION: **01/01/2014 to 31/12/2016**



CHIEF EXECUTIVE OFFICER



CONFERMENT OF THIS CERTIFICATE OF ACCREDITATION IS SUBJECT TO THE REGULATIONS AND CONDITIONS SET BY THE AGENCY

4.2.3 Bachelor of Engineering with Honours (Electronic & Computer Engineering)



No. Sijil: 857
Ruj. BEM/005/0460/M (004)

LEMBAGA JURUTERA MALAYSIA
(Penandatanganan Penuh Washington Accord mulai 18 Jun 2009)

SIJIL AKREDITASI

DENGAN INI MEMPERAKUKAN BAHAWA KURSUS PENGAJIAN
BACHELOR OF ENGINEERING (HONS)
IN ELECTRONICS (COMPUTER)
(4-Year Programme after STPM)


YANG DIKENDALIKAN OLEH:

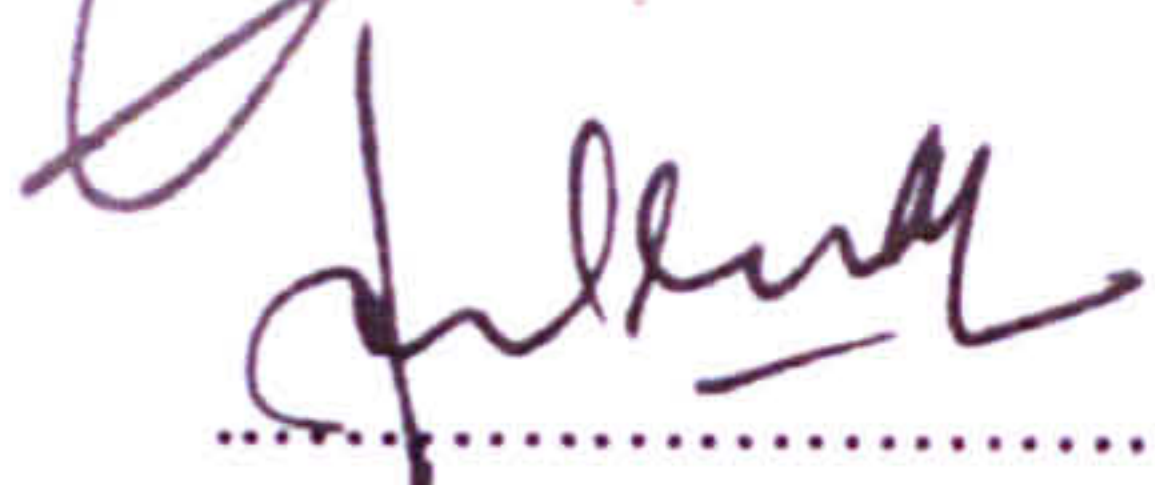
UNIVERSITI MALAYSIA SARAWAK

TELAH MENDAPAT PENGIKTIRAFAN RASMI BAHAWA KELAYAKAN
AKADEMIK YANG DIANUGERAHKAN ADALAH SELARAS DENGAN
STANDARD DAN KUALITI YANG TELAH DITETAPKAN OLEH
LEMBAGA JURUTERA MALAYSIA

PERAKUAN BAGI GRADUAT
TAHUN 2014 HINGGA 2016 SAHAJA




.....
DATO' Ir. HJ. ANNIES MD. ARIFF
Yang DiPertua


.....
Ir. HIZAMUL-DIN AB. RAHMAN
Pendaftar

Penganugerahan Perakuan Akreditasi ini tertakluk kepada peraturan-peraturan dan syarat-syarat yang dinyatakan di sebelah.

Tarikh Perakuan Dikeluarkan: 30.06.2014



SERIAL No.: **09356**

REGISTRATION No.:
MQA/FA4637

CERTIFICATE OF ACCREDITATION

THE MALAYSIAN QUALIFICATIONS AGENCY HEREBY CERTIFIES THAT THE PROGRAMME
Bachelor of Engineering (Hons) in Electronics (Computer)

CONDUCTED BY

Universiti Malaysia Sarawak (UNIMAS)

AT

**94300 Kota Samarahan
Sarawak**

HAS ATTAINED THE QUALITY ASSURANCE STANDARDS SET BY THE AGENCY AND
IS IN COMPLIANCE WITH THE MALAYSIAN QUALIFICATIONS FRAMEWORK

Level 6

DATE OF ACCREDITATION: **01/01/2014 to 31/12/2016**



CHIEF EXECUTIVE OFFICER



CONFERMENT OF THIS CERTIFICATE OF ACCREDITATION IS SUBJECT TO THE REGULATIONS AND CONDITIONS SET BY THE AGENCY



4.2.4 **Bachelor of Engineering with Honours (Mechanical & Manufacturing Engineering)**



No. Sijil: 858
Ruj. BEM/005/0630/M (005)

LEMBAGA JURUTERA MALAYSIA
(Penandatanganan Penuh Washington Accord mulai 18 Jun 2009)

SIJIL AKREDITASI

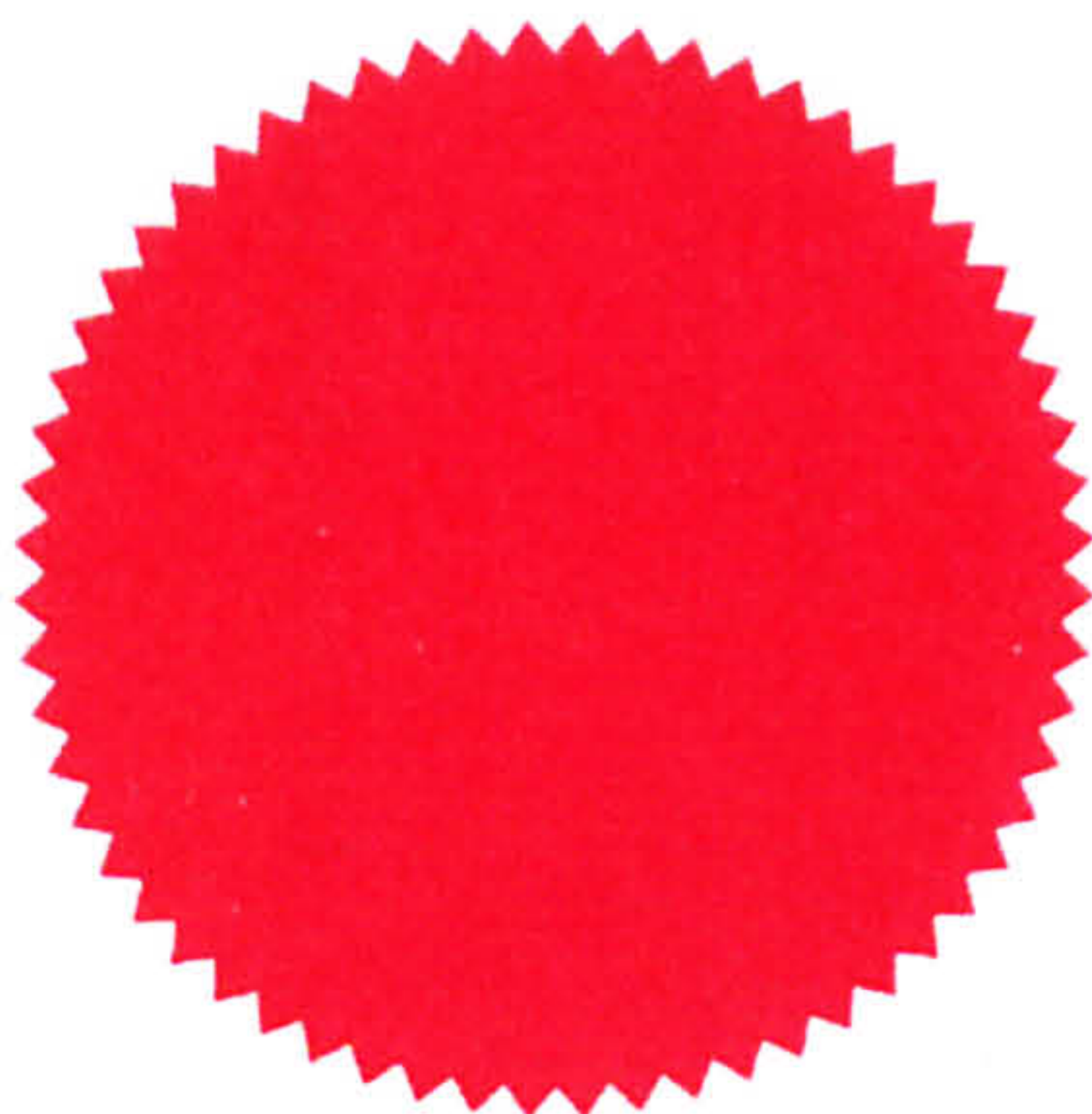
DENGAN INI MEMPERAKUKAN BAHAWA KURSUS PENGAJIAN
BACHELOR OF ENGINEERING WITH HONOURS
(MECHANICAL AND MANUFACTURING ENGINEERING)
(4-Year Programme after STPM)

YANG DIKENDALIKAN OLEH:

UNIVERSITI MALAYSIA SARAWAK

TELAH MENDAPAT PENGIKTIRAFAN RASMI BAHAWA KELAYAKAN
AKADEMIK YANG DIANUGERAHKAN ADALAH SELARAS DENGAN
STANDARD DAN KUALITI YANG TELAH DITETAPKAN OLEH
LEMBAGA JURUTERA MALAYSIA

PERAKUAN BAGI GRADUAT
TAHUN 2014 HINGGA 2018 SAHAJA



.....
DATO' J. HJ. ANNIES MD. ARIFF
Yang DiPertua

.....
Ir. HIZAMUL-DIN AB. RAHMAN
Pendaftar

Penganugerahan Perakuan Akreditasi ini tertakluk kepada peraturan-peraturan dan syarat-syarat yang dinyatakan di sebelah.

Tarikh Perakuan Dikeluarkan: 21.08.2014



SERIAL No.: **09209**

REGISTRATION No.:
MQA/FA4636

CERTIFICATE OF ACCREDITATION

THE MALAYSIAN QUALIFICATIONS AGENCY HEREBY CERTIFIES THAT THE PROGRAMME
Bachelor of Engineering with Honours (Mechanical and Manufacturing Engineering)

CONDUCTED BY

Universiti Malaysia Sarawak (UNIMAS)

AT

**94300 Kota Samarahan
Sarawak**

HAS ATTAINED THE QUALITY ASSURANCE STANDARDS SET BY THE AGENCY AND
IS IN COMPLIANCE WITH THE MALAYSIAN QUALIFICATIONS FRAMEWORK

Level 6

DATE OF ACCREDITATION : **01/01/2014 to 31/12/2018**

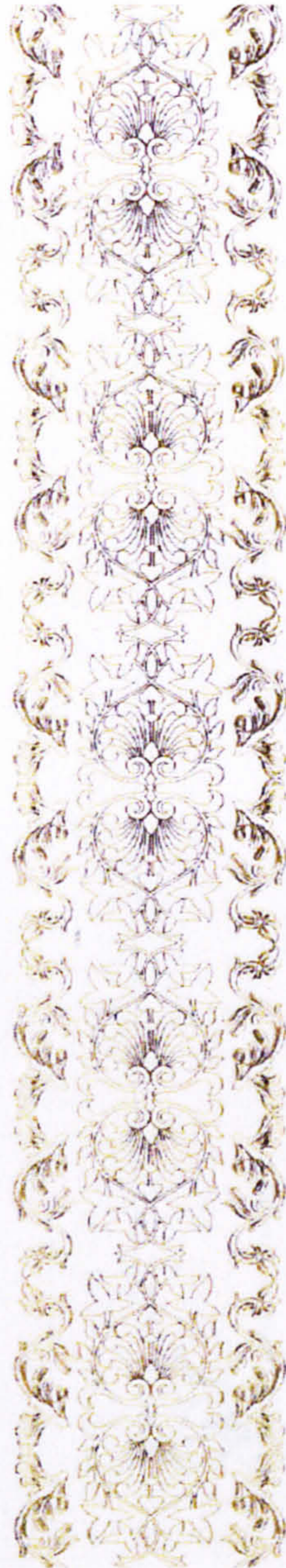


Handwritten signature of the Chief Executive Officer in black ink, written over a horizontal line.

CHIEF EXECUTIVE OFFICER



CONFERMENT OF THIS CERTIFICATE OF ACCREDITATION IS SUBJECT TO THE REGULATIONS AND CONDITIONS SET BY THE AGENCY



4.2.5 Bachelor of Engineering with Honours (Chemical Engineering)

No. Sijil: 737
BEM/005/0700/M (001)



LEMBAGA JURUTERA MALAYSIA
(Penandatanganan Penuh Washington Accord mulai 18 Jun 2009)

SIJIL AKREDITASI

DENGAN INI MEMPERAKUKAN BAHAWA KURSUS PENGAJIAN
BACHELOR OF ENGINEERING WITH HONOURS
(*CHEMICAL ENGINEERING*)
(*4-Year Programme after STPM*)

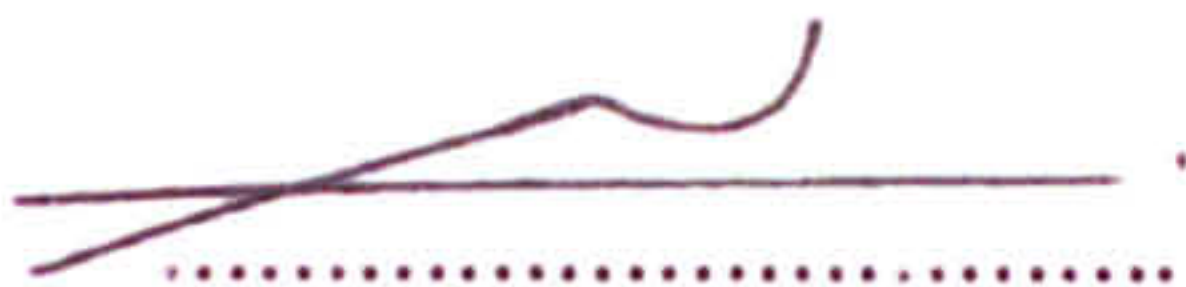
YANG DIKENDALIKAN OLEH:

UNIVERSITI MALAYSIA SARAWAK

TELAH MENDAPAT PENGIKTIRAFAN RASMI BAHAWA KELAYAKAN
AKADEMIK YANG DIANUGERAHKAN ADALAH SELARAS DENGAN
STANDARD DAN KUALITI YANG TELAH DITETAPKAN OLEH
LEMBAGA JURUTERA MALAYSIA

**PERAKUAN BAGI GRADUAT
TAHUN 2013 DAN 2014 SAHAJA**




.....
DATO' SERI Ir. HJ. MOHD NOOR BIN YAACOB
Yang DiPertua


.....
Ir. HIZAMUL-DIN AB. RAHMAN
Pendaftar

Penganugerahan Perakuan Akreditasi ini tertakluk kepada peraturan-peraturan dan syarat-syarat yang dinyatakan di sebelah.

Tarikh Perakuan Dikeluarkan: 29.11.2013



SERIAL No.: **08497**

REGISTRATION No.:
MQA/FA3584

CERTIFICATE OF ACCREDITATION

THE MALAYSIAN QUALIFICATIONS AGENCY HEREBY CERTIFIES THAT THE PROGRAMME

Bachelor of Engineering with Honours (Chemical Engineering)

CONDUCTED BY

Universiti Malaysia Sarawak (UNIMAS)

AT

**94300 Kota Samarahan
Sarawak**

HAS ATTAINED THE QUALITY ASSURANCE STANDARDS SET BY THE AGENCY AND
IS IN COMPLIANCE WITH THE MALAYSIAN QUALIFICATIONS FRAMEWORK

Level 6

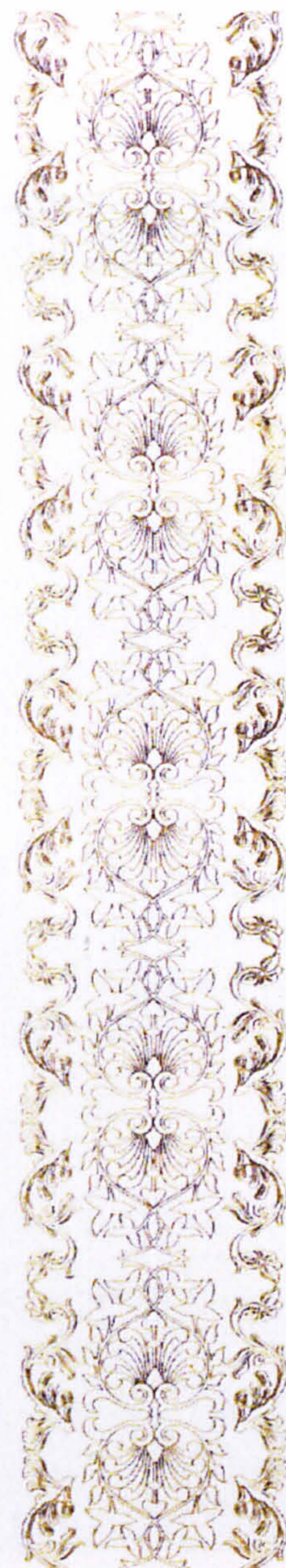
DATE OF ACCREDITATION : **01/01/2013 to 31/12/2014**



CHIEF EXECUTIVE OFFICER

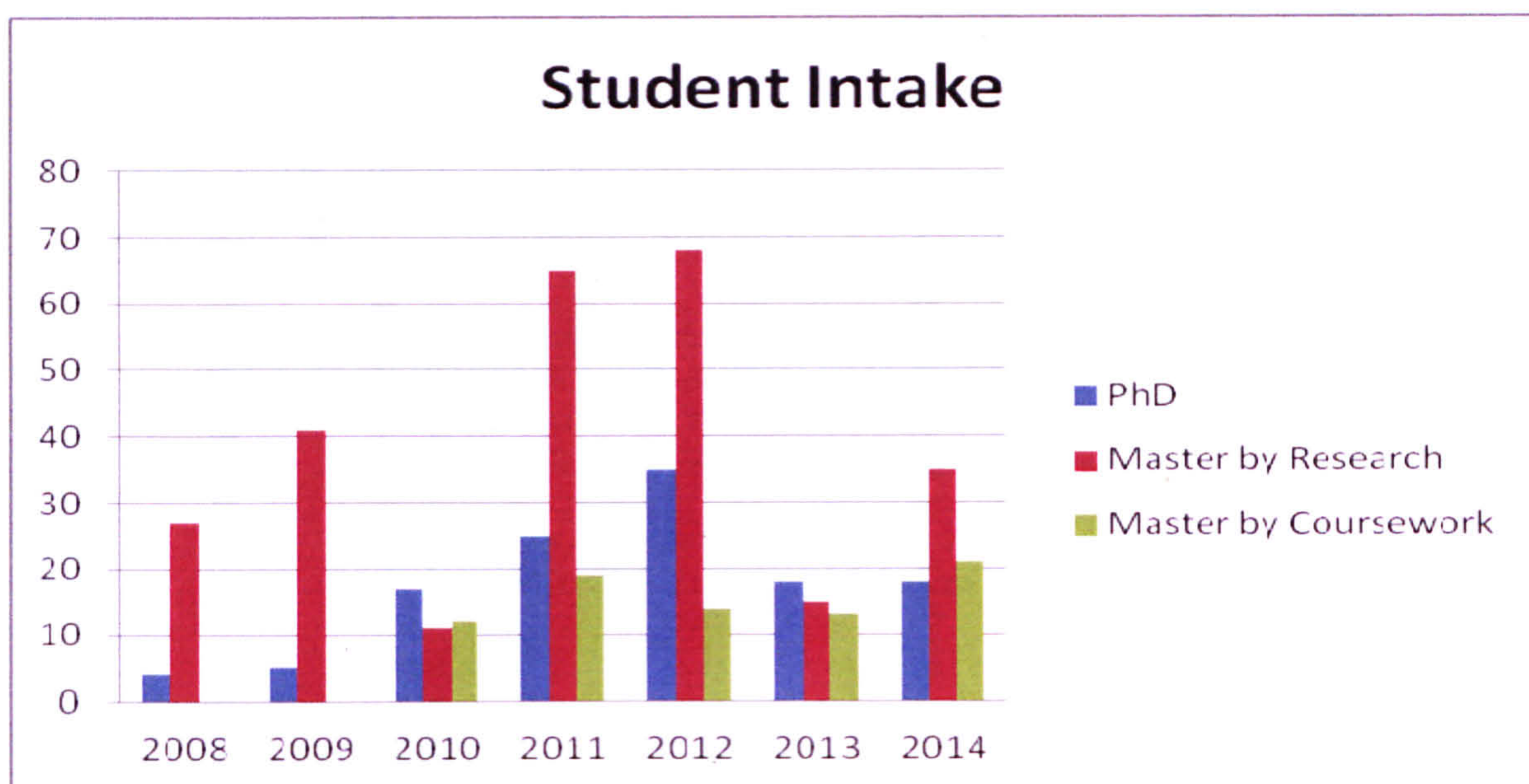


CONFERMENT OF THIS CERTIFICATE OF ACCREDITATION IS SUBJECT TO THE REGULATIONS AND CONDITIONS SET BY THE AGENCY



5 POSTGRADUATE

Students Intake			
	PhD	Master by Research	Master by Coursework
2008	4	27	
2009	5	41	
2010	17	11	12
2011	25	65	19
2012	35	68	14
2013	18	15	13
2014	18	35	21



List of Active Registered Student in Year 2014

NO	NAME	MASTER/PHD	MODE OF STUDY	SUPERVISOR	CO-SUPERVISOR	RESEARCH AREA	RESEARCH TOPIC
1	Ho Lee Lee	PhD	Full Time	Prof Ir Dr Law Puong Ling	Dr Lim Soh Fong	Environmental Engineering	Development and Evaluation of a Deterministic Methodology for Measuring the Effectiveness of Environmental Management System (EMS)
2	Nurlaila binti Rosli	PhD	Full Time	Dr Nordiana Rajae	Ir David Bong Boon Liang	Neural Network and Signal Processing	Applying Neural Network in Emotion Classification of Malay Popular Music Based on Vocal and Instrumental Sound Timbres
3	Michelle Lu	PhD	Full Time	Prof Madya Dr Wan Azlan Wan Zainal Abidin	Dr Thelaha Masri / Dr Dennis Lau Hau Aik (SESCO) / Dr Chen Shiun (SESCO)	Electrical Engineering	Swarm and Evolutionary Techniques for Optimization of Under-Frequency Load Shedding Scheme
4	Lee Shyue Leong	PhD	Full Time	Prof Dr Md Abdul Mannan	Prof Dr Wan Hashim Wan Ibrahim	Civil	Investigation on Potential Use of Rice Bran as Alternative Material in Bituminous Mixture
5	Tee Pei Fang	PhD	Full Time	Prof Madya Dr Mohammad Omar Abdullah	Dr Ivy Tan Ai Wei	Wastewater Treatment	A Combined Microbial Fuel Cell and Adsorption System for Bioenergy Production and Wastewater Treatment
6	Tan Yie Hua	PhD	Full Time	Prof Madya Dr Mohammad Omar Abdullah	Prof Madya Dr Cirilo Nolasco Hipolito (FSTS)	Chemical Engineering	Biodiesel Production from Waste Oil, Chemical Characterization and Effect of Biodiesel-H ₂ O Emulsion on a Small Portable Diesel Generator System
7	Noor Ain binti Rozaini	PhD	Full Time	Dr Abdullah Yassin	Prof Madya Dr M. Shahidul Islam & Dr Syed Tarmizi Syed Shazali	Mechanical & Manufacturing Engineering	A Novel Method to Monitor Cutting Edge Temperature in High Speed Machining
8	Kenny Voo Hon Bing	Sarjana	Full Time	Ir David Bong Boon Liang	Dr Kismet Hong Ping	Electronic & Computer Engineering	Structural Similarity Based Image Quality for 3 Dimensional Image

NO	NAME	MASTER/PHD	MODE OF STUDY	SUPERVISOR	CO-SUPERVISOR	RESEARCH AREA	RESEARCH TOPIC
9	Nadia anak Austin	Sarjana	Full Time	Dr Mohd Danial Ibrahim	Dr Azham Zulkharnain (FSTS)	Machine Design	Evaluation of Sago Biomass Based Composite Material for 3D Printing Technology
10	Siti Zaharah binti Mohd Ibrahim	Sarjana	Part Time	Dr Mohd Danial Ibrahim	Muhd Fadzli Ashari	Thermo-Fluids	Macro Surface Modification for Airplane Winglets Based on Dimples and Rivets Protuberances
11	Kelvin Yong Hong Chien	Sarjana	Part Time	Prof Madya Dr Wan Azlan Wan Zainal Abidin	Dr Nordiana Rajaee / En Norhuzaimin Julai	Energy Efficient	Raspberry Pi Based Energy Efficient Lighting Control with Smart Energy Monitoring
12	Ahmad Syafiq Haqim bin Sarip	Sarjana	Full Time	Dr Syed Tarmizi Syed Shazali	Prof Madya Ir Dr Mohamad Shahril Osman / Prof Madya Dr M. Shahidul Islam	Renewable Energy	Design of Tracking Parabolic Solar Trough for Diffused Sun Radiation
13	Kam Yat Seng	Sarjana	Part Time	Dr Lim Soh Fong	Dr Tay Kai Meng	Chemical Engineering	Analysis of Diffusion Models for Calcium Alginate Encapsulated Magnetic Sorbent
14	Asliana binti Asmara	Sarjana	Part Time	Dr Mohd Danial Ibrahim	Dr Nabilah Ibrahim (UTHM)	Thermal Fluid	Investigation Of Multiphase Oceanic Laminar-Turbulent Flow For Modified Designs Tidal Turbine Blades Surface
15	Mohamad Ismail bin Mohamad Salim	Sarjana	Full Time	Prof Madya Dr Abu Saleh Ahmed	Prof Dr Sinin Hamdan / Dr Md Rezaur Rahman	Chemical Engineering (Biodiesel)	Efficient Conversion of Castor Oil to Biodiesel by Using Heteogeneous Catalyst
16	Nurulhuda binti Nadziri	Sarjana	Full Time	Dr Idawati Ismail	Prof Dr Sinin Hamdan	Concrete Technology	Microstructural Characterization of Cementless Binders Using Industrial By-Products for Construction Materials

NO	NAME	MASTER/PHD	MODE OF STUDY	SUPERVISOR	CO-SUPERVISOR	RESEARCH AREA	RESEARCH TOPIC
17	Dyg Khayrunsalihaty Bariyyah binti Abang Othman	Sarjana	Part Time	Dr Hushairi Zen	Prof Madya Dr Al-Khalid Othman	Concrete Technology	Distributed Beacon Scheduling Specification Using Link Quality Indicator (Lqi) Approached in WSN
18	Nor Shafrillah binti Mohd Isa	Sarjana	Full Time	Dr Shafrida Sahrani	Dr Kismet Hong Ping	Electronic & Computer Engineering	Overset Grid Generation Method for the Analysis of Electromagnetic Field Around a Complex Moving Body
19	Wan Farhana binti Mohamad	PhD	Full Time	Prof Dr Amir Azam Khan	Dr Abdullah Yassin & AP Dr Faiz Ahmad (UTP)	Advanced Materials	Study of Wear and Oxidation of Metal Matrix Composites Containing Solid Lubricants Produced by Powder Metallurgy Method
20	Tengku Noor Ain binti Tengku Hasbullah	Sarjana	Full Time	Dr Onni Suhaiza Selaman	Prof Madya Dr Siti Noor Linda Taib	Geo Environmental	Removal of Emerging Contaminant from Dye Wastewater into Soil by Using Shell and Coal as Adsorption Material
21	Muhammad Syukri Imran bin Abdullah	PhD	Full Time	Prof Madya Dr Azhaili Baharun	Dr Siti Halipah Ibrahim	Energy Efficiency	Designing a Hydronic Radiator Panel for Building to an Acceptable Operative Temperature Through the Use of Thermal Modeling and Simulation
22	Anis Suzziani binti Rosslan	Sarjana	Full Time	Dr Dayang Azra Awang Mat	Dr Kismet Hong Ping	Electronic Engineering	Integrated Filter-Antenna Design for Microwave Breast Imaging System
23	Amy Sahida binti Soetarman	Sarjana	Full Time	Dr Kismet Hong Ping	Dr Shafrida Sahrani	Electronic Engineering	Microwave Imaging for Breast Tumour Detection using PSO-Based Segmentation Strategy
24	Loh Woei Tan	Sarjana	Full Time	Ir David Bong Boon Liang	Dr Nordiana Rajae	Electronic & Computer Engineering	Video Quality Assessment Based on Hybrid PSNR and Optical Flow Estimation

NO	NAME	MASTER/PHD	MODE OF STUDY	SUPERVISOR	CO-SUPERVISOR	RESEARCH AREA	RESEARCH TOPIC
25	Suriana Yussof	PhD	Part Time	Ir Dr Ting Sim Nee	Dr Siti Halipah Ibrahim	Construction-Payment	Contractor's Right-Later Payment and Non-Payment Under Malaysia Construction Contracts
26	Jam'aah binti Suud	PhD	Full Time	Dr Hushairi Zen	Prof Dr Wan Hashim Wan Ibrahim	Intelligent Road Traffic Management System	Road Traffic Management and Monitoring Network
27	Nik Amni Fathi bt Nik Zaini Fathi	Sarjana	Full Time	Dr Siti Kudnie Sahari	Dr Rohana Sapawi & Prof Dato' Dr Burhanuddin Yeop Majlis & Prof Madya Dr Azrul Azlan Hamzah (UKM)	Semiconductor, Electronic Engineering	Theoretical Formulation of Interfacial Layer Growth Between High-K and Germanium Surface
28	Au Yeung Wai Lun	Sarjana	Full Time	Dr Ngu Sze Song	Dr Siti Kudnie Sahari	Microelectronics	Termination Structure Design to Improve Robustness/Reliability of High Voltage Semiconductor Devices using Si and Sic
29	Sylvia Ong Ai Ling	PhD	Full Time	Dr Hushairi Zen	Prof Dr Wan Hashim Wan Ibrahim	Telecommunication	Network for Smart Traffic Management: Topology, Architecture and Protocol
30	Tan Ming Yee	Sarjana	Full Time	Dr Nicholas Kuan Hoo Tien	Prof Dr Amir Azam Khan	Mechanical & Manufacturing Engineering	Characterisation of Ground Coffee Waste-Based Bio-Composite
31	Chong Yee Ming	Sarjana	Full Time	Dr Martin Anyi	Dr Lakshmanan a/l Gurusamy	Electronic Computer	Design of an Electronic Load Controller (ELC) System for Remote Communities' Micro-Hydro Power Plants

NO	NAME	MASTER/PHD	MODE OF STUDY	SUPERVISOR	CO-SUPERVISOR	RESEARCH AREA	RESEARCH TOPIC
32	Agnes Lee Yung Weng	Sarjana	Full Time	Dr Lim Soh Fong	-	Chemical Engineering	Selective Heavy Metals Removal by Zirconium Based Magnetic Sorbent
33	Kiew Kwong Siong	PhD	Full Time	Prof Dr Sinin Hamdan	Prof Madya Dr Hasnizam Abdul Wahid & Prof Madya Dr Ismail Jusoh (FSGK)	Vibration Assessment, Wood Species	Sound Quality Assessment and Acoustic Properties of Selected Wood Species in Malaysia
34	Lim Hung Ling	PhD	Full Time	Prof Dr Md Abdul Mannan	Dr Delsye Teo Ching Lee	Civil Engineering	Structural Performance of Precast Honeycomb Pavement
35	Justin ak Masiar @ Peton	Sarjana	Full Time	Prof Madya Dr Al-Khalid Othman	Dr Hushairi Zen	Power Management	Optimized Energy Management System for Rural ICT Telecentre: Standalone Solar PV Power System
36	Faralyna Aisyah binti Abdul Rasid	PhD	Full Time	Prof Madya Dr Wan Azlan Wan Zainal Abidin	Dr Thelaha Haji Masri & Dr Martin Anyi	Electrical Engineering-Renewable Energy	Rural Application Optimization Design for Hybrid Solar PV System
37	Kho Liew Ching	Sarjana	Full Time	Dr Nicholas Kuan Hoo Tien	En Mohd Syahmi Jamaludin	Materials	Fabrication of Chitosan/PLA Blend Reinforced Natural Fibre Composite and Its Properties
38	Joel Ting Sing Hong	Sarjana	Full Time	Dr Md Rezaur Rahman	Prof Dr Sinin Hamdan & Dr Shanti Faridah Salleh	Material Science (Polymer Composite)	Preparation and Characterization of Chemically Modified Cellulose Gel-Reinforced Unsaturate Polyester Composites
39	Mohamad Faizal bin Mahsen	Sarjana	Full Time	Dr Kismet Hong Ping	Prof Madya Dr Wan Azlan Wan Zainal Abidin & Dr Shafrida Sahrani	Microwave Tomography	Detection of Object Hidden Behind the Wall using Inverse Scattering Technique

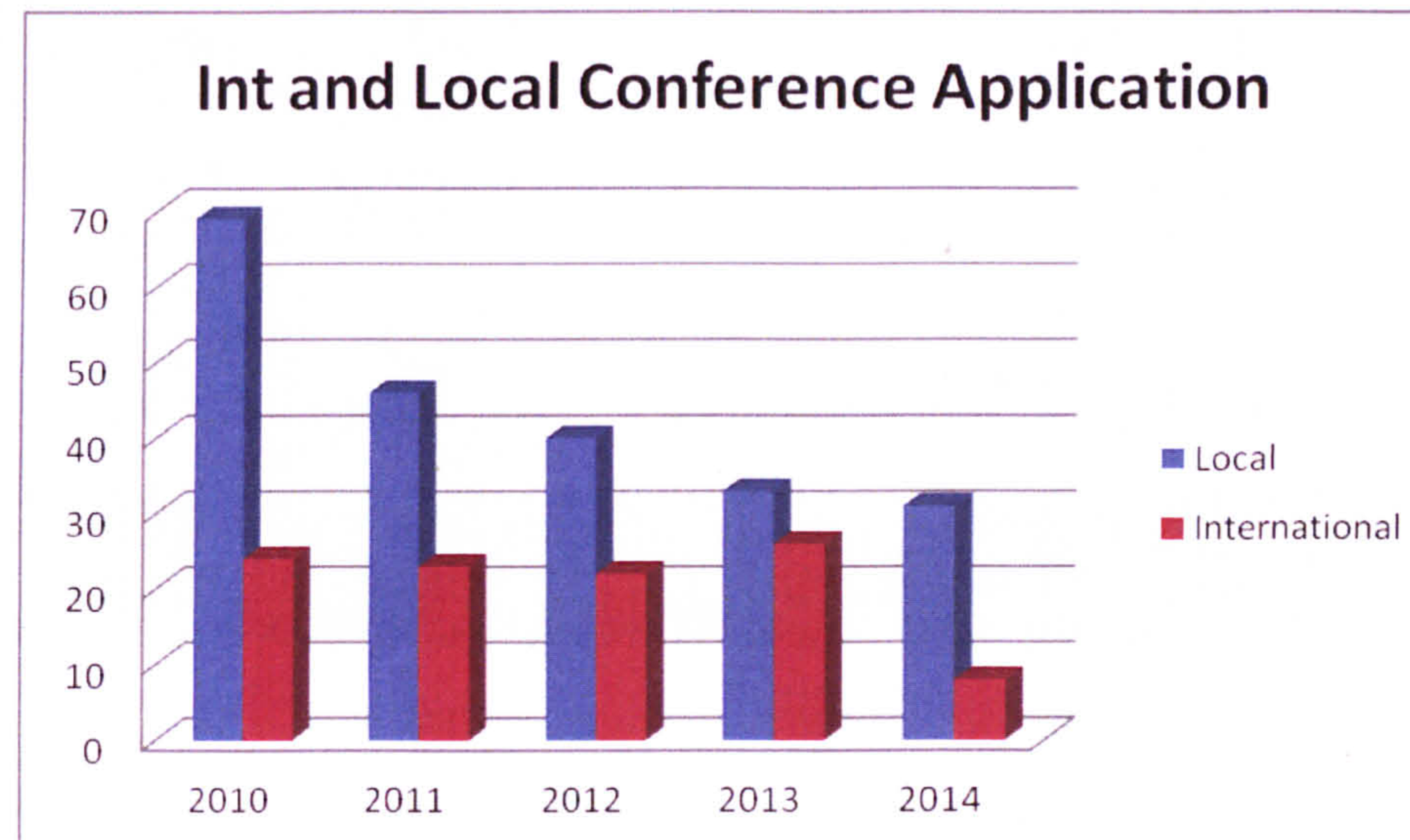
NO	NAME	MASTER/PHD	MODE OF STUDY	SUPERVISOR	CO-SUPERVISOR	RESEARCH AREA	RESEARCH TOPIC
40	Mohamad Zulfika Hazielim bin Zakaria	Sarjana	Part Time	Dr Rubiyah Bains	Pn Nur Syuhada Ahmad Zauzi	Chemical Engineering	Study on the Chemical Treatment of Red Mud as Catalyst for the Conversion of Plastic Waste to Fuel
41	Ir Jamil bin Matarul	PhD	Part Time	Prof Dr Md Abdul Mannan	Prof Madya Dr Mohammad Ibrahim Safawi	Concrete Materials	Enhancing Service Life of RC Structures for Chloride Belt Area Through Durability-Based Concrete Properties
42	Jie Xu	PhD	Full Time	Dr Nicholas Kuan Hoo Tien	Prof Dr Amir Azam Khan & Dr Mohd Yazid Yahya (UTM)	Composite Materials	Natural Fibre Reinforced Biodegradable Composites
43	Nur Izaitul Akma binti Ideris	PhD	Full Time	Dr Norsuzailina Mohamed Sutan	Dr Siti Halipah Ibrahim	Environmental Engineering	Coatings Bio-Resistance Test of Different Wall Finishing by Using Potassium Sorbate for Indoor Fungal Treatment
44	Arisita Duwi ak Supit	Sarjana	Full Time	Dr Kismet Hong Ping	Dr Tay Kai Meng	Microwave Engineering	Reconstruction of Reinforcement Bars in Concrete Structures using Electromagnetics Direct Scattering and PSO Techniques for NDT Applications
45	Shilya Zulaikha binti Zamani	Sarjana	Full Time	Prof Dr FJ Putuhena	Dr Charles Bong Hin Joo	Civil Engineering	Strategic Planning of Integrated Rajang River Basin Development
46	Lee Meng Chuen	Sarjana	Full Time	Dr Nicholas Kuan Hoo Tien	Pn Marini Sawawi	Mechanical Engineering	Characterisation of Chemical Treatments of Pandanus Fibre in Composites
47	Nor Haizan binti Jamali	Sarjana	Full Time	Dr Kismet Hong Ping	Dr Dyg Azra Awg Mat & Dr Shafrida Sahrani	Microwave Tomography	Image Reconstruction Based on Combination of Inverse Scattering Technique and Total Variation Regularization Method
48	Azarina binti Azman	Sarjana	Full Time	Dr Shafrida Sahrani	Dr Kismet Hong Ping	Electromagnetic and Wave Propagation	Reconstruction of Shape by Applying Overset Grid Generation Method to an Iterative Inversion Technique

NO	NAME	MASTER/PHD	MODE OF STUDY	SUPERVISOR	CO-SUPERVISOR	RESEARCH AREA	RESEARCH TOPIC
49	Nurul Amal binti Yusuh	Sarjana	Full Time	Prof Dr Md Abdul Mannan	Dr Raudhah Ahmadi	Civil Engineering	Enhanced Mechanical Properties of Medium Strength Self-Compacting Concrete Through Hybridisation and Synergistic Effects of Fibres
50	Nurhanna Zulaikha binti Ishak	Sarjana	Full Time	Dr Shahrol Mohamaddan	-	Mechanical & Manufacturing Engineering	Analysis of Ergonomics Approach to Accessibility and Needs of Children with Disability in Public Facilities and Consumer Products
51	Kerk Yi Wen	Sarjana	Full Time	Dr Tay Kai Meng	Dr Darrien Mah Yau Seng	Electrical & Electronics	A New Interval-Based Method for Monotone Fuzzy Modelling with Engineering Application
52	Jicqueline Mitchell Varonica ak Ratai	Sarjana	Part Time	Dr Shanti Faridah Salleh	En Mohd Farid Atan	Chemical Engineering	Study on Catalytic Pyrolysis of Macroalgae for Production of Bio-Oil
53	Zulhelmi bin Adul Manap	Sarjana	Part Time	Dr Onni Suhaiza Selaman	Dr Darrien Mah Yau Seng	Hydrology Engineering	Evaluation of Peak Design Discharge for Small Scale Development in Sarawak

6 CONFERENCE / SEMINAR PRESENTED BY LECTURER

Conference Attended		
	Local	International
2010	69	24
2011	46	23
2012	40	22
2013	33	26
2014	31	8

44



6.1 LIST OF NATIONAL/LOCAL CONFERENCE / SEMINAR PARTICIPATED BY LECTURER

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	UND	
								UNIMAS	GRANT
1	Pn Noor Aliah binti Abdul Majid	15 February 2014	MPWS Training Centre, Kajang, Selangor	One Day Workshop on 'Analysis of Questionnaire and Survey Data: Multivariate Statistical Techniques'	Presenter	Potential of Using Coconut Shell Catalyst for Selective Catalytic Reduction of Nox Gases Abstract	Malaysian Postgraduate Workshop Series, MPWS Training Centre	-	RAGS/TK/01(1)/934/201 2(35) - RM1,603.80
2	Prof Madya Dr Siti Noor Linda Taib (Pelajar: Lee Lin Jye & Striprabu a/l Strimari)	2-3 April 2014	UNIMAS	Seminar Research and Education in Geotechnical Engineering	Observer	-	CTTC & UHSB	-	FRGS/TK07(01)/1055/20 13(01) - RM400.00
3	Prof Madya Dr Siti Noor Linda Taib (Pelajar: Lee Lin Jye)	15-17 July 2014	Kuala Lumpur	Bengkel Plaxis 2D (15-16 Julai 2014) & Bengkel Plaxis 3D (17 Julai 2014)	Observer	-	Plaxis Asia Pac Pte Ltd	-	DPI02(DPI19)/955/2013(02) - RM4,903.00
4	Prof Dr Amir Azam Khan	17-18 September 2014	Park Royal Penang, Pulau Pinang	5 th International Conference on Science and Technology (ICSTIE 2014)	Presenter	Synthesis and Characterization of Heterocyclic- ORMOCERS Composites Through Sol-Gel Process: A Review	UiTM Pulau Pinang	-	DPI02(DPI08)/824/2011(08) - RM1,500.00
5	Dr Ngu Sze Song	20-22 October 2014	Hotel Royal, Kuala Lumpur	2014 International Conference on Robotics and Automation Engineering (ICRAE 2014)	Presenter	PLC Controlled Roller Clamp Automatic Assembly Machine	Science and Engineering Institute	self fund: RM748.00	02(S136)/1111/2014(01) - RM3,000.00

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	FUND	
								UNIMAS	GRANT
6	Dr Tay Kai Meng	3-6 November 2014	Kuching, Sarawak	The 21 st International Conference on Neural Information Processing	Chairman & Presenter	A New Application of an Evolving Tree to Failure Mode and Effect Analysis Methodology	IEEE/APNNA	-	ERGS/02(01)/807/2011(02) - RM1,200.00
7	Prof Dr Ng Chee Khoon	3-6 November 2014	Kuching, Sarawak	The 21 st International Conference on Neural Information Processing	Presenter	1) A New Application of Fuzzy Adaptive Resonance Theory to Engineering Education 2) A New Fuzzy ART-Based Approach for Estimation of High Performance Concrete Mix Proportion	IEEE/APNNA	-	ERGS/02(07)/859/2012(11) - RM2,340.00
8	Pn Norsuzailina Mohamed Sutan	22-26 September 2014	Malaysia	World Virtual Conference on Advanced Research in Materials and Engineering Applications	Presenter	1) Physical and Mechanical Properties of Industrial Waste Modified Mortar	UTM, Akademia Baru	-	ERGS/TK04(02)/1011/2013(08) - RM500.00
						2) Influence of Mortar Incorporating Silica Based Waste Material on the Formation of C-S-H and Mechanical Strength Properties Surface			ERGS/TK04(02)/1011/2013(08) - RM500.00
9	En Ibrahim Yakub	22-26 September 2014	Malaysia	World Virtual Conference on Advanced Research in Materials and Engineering Applications	Presenter	Characteristics of Porous Coconut Shell Carbon Impregnated with Bimetallic Catalysts	UTM, Akademia Baru	-	RAGS/TK/05(1)/940/2012(41) - RM500.00

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	FUND	
								UNIMAS	GRANT
10	Prof Ir Dr Andrew Ragai Henry Rigit	3-4 November 2014	Kuching, Sarawak	National Seminar on Palm Oil Milling, Refining, Environment and Quality 2014	Observer	-	Malaysian Palm Oil Board	-	ERGS/02/853/2012(05) - RM1,300.00
11		1-2 December 2014	Kuching, Sarawak	Engineering Conference 2014	Participant	Performance of an Electrohydrodynamic s (EHD) Micropump	UNIMAS	-	ERGS/02/853/2012(05) - RM1,300.00
12	Dr Delsye Teo Ching Lee	22-26 September 2014	Malaysia	World Virtual Conference on Advanced Research in Materials and Engineering Applications	Presenter	The Effect of Polyvinyl Alcohol (PVA) on the Mix Proportion of Oil Palm Shell (OPS) Concrete	UTM, Akademia Baru	-	FRGS/TK04(01)/972/2013(13) - RM500.00
13	Dr Ngu Sze Song	7-9 November 2014	Hotel Park Royal, Kuala Lumpur	2014 Asia-Pacific Conference on Computer Science and Electrical Engineering	Presenter	PLC Controlled Roller Clamp Automatic Assembly Machine	Asia-Pacific Education and Research Association	-	SGS02(S136)/1093/2013(01) - RM3,000.00
14	Dr Norsuzailina Mohamed Sutan	24 August 2014	Wisma Wanita, Kuching	Bengkel Sehari Penulisan Tesis Pantas dan Pengurusan Artikel	Participant	-	MPWS	-	RACE/c(1)/1108/2013(16) - RM180.00
15	En Ibrahim Yakub	24 August 2014	Wisma Wanita, Kuching	Bengkel Sehari Penulisan Tesis Pantas dan Pengurusan Artikel	Participant	-	MPWS	-	ERGS/TK04(02)/1011/2013(08) - RM180.00
16	Dr Abdullah Yassin	22-26 September 2014	-	World Virtual Conference on Advanced Research in Materials and Engineering Applications	Presenter	Effect of Pressure and Nozzle Ange of Minimal Quantity Lubrication on Cutting Temperature and Tool Wear in Turning	UTM, Trans Tech Publications	-	ERGS/1/2013/TK01/UNIMAS/02/ 01 - RM500.00

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	FUND	
								UNIMAS	GRANT
17	Dr Norsuzailina Mohamed Sutan	23-24 September 2014	UPM, Serdang	Surface Science and Catalyst Characterization Workshop	Observer	-	UPM Serdang	-	RACE/c(1)/1108/2013(16) - RM2,520.00
18	En Ibrahim Yakub	23-24 September 2014	UPM, Serdang	Surface Science and Catalyst Characterization Workshop	Observer	-	UPM Serdang	-	ERGS/TK04(02)/1011/2013(08) - RM2,520.00
19	Prof Dr Ng Chee Khoo	1-2 October 2014	Kuala Lumpur	How to Design to Eurocode 2	Observer	-	Innovacia Sdn Bhd	-	ERGS/02(07)/859/2012(11)) - RM3,560.00
20	Dr Siti Kudnie Sahari	8-10 December 2014	Kuching, Sarawak	7 th International Engineering Conference (EnCon 2014)	Presenter	Mechanism of Ge Oxidation in Dry Oxygen Ambience	Faculty of Engineering, UNIMAS	-	SGS02(S120)/952/2013(04) - RM523.00 & FRGS/TK04(02)/1082/2013(28) - RM477.00
21	Dr Norsuzailina Mohamed Sutan	8-10 December 2014	Kuching, Sarawak	7 th International Engineering Conference (EnCon 2014)	Presenter	Strength Development and Pozzolanitic Reactivity of Silica-Based Waste Material	Faculty of Engineering, UNIMAS	-	RACE/c(1)/1108/2013(16) - RM600.00
22	Kamran Ahmed Samo (Pelajar PhD - Prof Ir Dr Andrew Ragai Henry Rigit)	21-22 October 2014	Labuan	1 st International Maritime Conference	Presenter	Generating Tidal Power and Small Renewable Energy: An Energy Mapping	Universiti Malaysia Sabah	-	ERGS/02/853/2012(05) - RM2,360.00
23	Lee Man Djun (Pelajar PhD - Prof Madya Dr M. Shahidul Islam)	24-25 October 2014	Hotel Grand Continental, Kuching	International Conference on Material, Mechatronics, Manufacturing and Mechanical Engineering (ICMMMM 2014)	Presenter	Revealing Engineering Management Contribution (EMC) to Outputs of Manufacturing SMEs: A Literature Review	International Postgraduate Network (IPN.org)	-	DPI: E14052F02491125/2014(02) - RM1,100.00

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	FUND	
								UNIMAS	GRANT
24	Dr Rohana Sapawi	8-10 December 2014	Kuching, Sarawak	7 th International Engineering Conference (EnCon 2014)	Presenter	CMOS Power Amplifier for Broadband Applications	Faculty of Engineering, UNIMAS	-	SGS02(S134)/1032/2013(19) - RM900.00
25	Pn Noor Aliah binti Abdul Majid	17-18 December 2014	Hotel Pearl International, Kuala Lumpur	2 nd International Conference on Challenges in Multidisciplinary Research & Practice	Presenter	A Review of Quality Coffee Roasting Degree Evaluation	Global Illuminators	-	RAGS/TK/01(1)/934/2012(35) - RM4,101.40
26	Afrasyab Khan (Pelajar PhD - Prof Madya Dr Khairuddin Sanaullah	8-10 December 2014	Kuching, Sarawak	7 th International Engineering Conference (EnCon 2014)	Presenter	CFD Based Hydrodynamic Parametric Study of Inclined Injected Supersonic Steam into Subcooled Water	Faculty of Engineering, UNIMAS	-	Geran CoERE - RM600.00
27	Dr Ivy Tan Ai Wei	8-10 December 2014	Kuching, Sarawak	7 th International Engineering Conference (EnCon 2014)	Presenter	A Review of Palm Oil Mill Effluent Treatment Methods: Phytoremediation using E. Crassipes and P. Stratiotes as a Sustainable Alternative	Faculty of Engineering, UNIMAS	-	RAGS/TK/05(2)/941/2012(42) - RM1,400.00
28	Dr Hushairi Zen	8-10 December 2014	Kuching, Sarawak	7 th International Engineering Conference (EnCon 2014)	Presenter	Removal of o-Xylene Using Oil Palm Shell-Based Activated Carbon: Equilibrium and Kinetic Studies	Faculty of Engineering, UNIMAS	-	CoERE/Grant/2013/12 - RM1,200.00
29	Prof Madya Dr Siti Noor Linda Taib	1 December 2014	University College of Technology Sarawak, Sibu	PETRI Peat Technology - Opportunities and Challenges Seminar	Presenter	UNIMAS Experience in Chemically Stabilizing Sarawak Peat and Organic Soil in Laboratory	UCTS & UTHM	-	FRGS/TK07(01)/1055/2013 (01) - RM1,149.20

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	FUND	
								UNIMAS	GRANT
30	Pn Nor Azalina Rosli	1-4 December 2014	Universiti Tun Hussein Onn, Batu Pahat, Johor	International Integrated Engineering Summit 2014 (IIES2014)	Presenter	Adsorption of Lead using Jackfruit Peel Activated Carbon	UTHM	Fakulti - RM3,575.20	-
31	David Yong Weng Long (Pelajar Sarjana C/W : AP Dr Siti Noor Linda Taib)	8-10 December 2014	Kuching, Sarawak	7 th International Engineering Conference (EnCon 2014)	Presenter	Design of Monitoring and Control Circuit for Micro Hydro System	Faculty of Engineering, UNIMAS	-	ERGS/TK(03)/1008/2013 (05) - RM600.00
31	Mohamad Zulfika Hazielim Zakaria (Pelajar Sarjana Dr Rubiyah Bani)	8-10 December 2014	Kuching, Sarawak	7 th International Engineering Conference (EnCon 2014)	Presenter	Design of Monitoring and Control Circuit for Micro Hydro System	Faculty of Engineering, UNIMAS	-	RAGS/TK/07(3)/947/2012 (48) - RM600.00

6.2 LIST OF INTERNATIONAL CONFERENCE / SEMINAR PARTICIPATED BY LECTURER

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	FUND	
								UNIMAS	GRANT
1	Prof Shenbaga Rajaratnam Kaniraj Jeyachandran	26-28 May 2014	Shanghai, China	International Conference on Geotechnical Engineering 2014	Presenter	Effect of Tidal Fluctuation on Ground Movement and Pore Water Pressure	American Society of Civil Engineering	-	DPI-02(DPI19)955/2013(02) - RM597.98 (paper submission fee)
2	En Ibrahim Yakub	14-16 May 2014	Portonovo, Itali	2 nd International Conference on Environmental and Economic Impact on Sustainable Development	Presenter	Potential of Using Coconut Shell Catalyst for Selective Catalytic Reduction of Nox Gases Abstract	Wessex Institute of Technology, UK & Universita Politecnica delle Marche, Italy	self fund: 4,550.00	RAGS/C(7)/940/2012(41) - RM8,610.00
3	Dr Tay Kai Meng	6-11 July 2014	Beijing, China	2014 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2014) and IEEE World Congress on Computational Intelligence 2014 (IEEE WCCI)	Presenter	1. A New Fuzzy Ratio and Its Application to the Single Input Rule Modules-Connected Fuzzy Inference System 2. A New Fuzzy Ranking Method using Fuzzy Preference Relations 3. An Interval-Based Method for Handling Non-Monotonic Information 4. A New Monotonicity Index for Fuzzy Rulebase Systems	IEEE Computational Intelligence Society	self-fund: 16370.00	FRGS/ICT02(01)/997/2013(38) - RM15,000.00

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	FUND	
								UNIMAS	GRANT
						5. Building Fuzzy Inference Systems with Similarity Reasoning: Non-Dominated Sorting Genetic Algorithm II-based Fuzzy Rule Selection and Evidential Functions			
4	En Mohd Fareez Edzuan bin Abdullah	29-30 October 2014	Bandung, Indonesia	5 th International Conference on Mechanical and Manufacturing Engineering 2014 (ICME '14)	Presenter	Nox Emission of Diesel Fuel Blended with Difference Saturation Degrees of Biofuel and with Oxygenator	Faculty of Mechanical & Manufacturing Engineering (UTHM), Faculty of Mechanical and Aerospace Engineering, Institut Teknologi Bandung, Indonesia		RAGS/c(12)/946/2012(47) - RM5,997.00
5	Dr Mohd Danial Ibrahim	26-27 September 2014	Krabi, Thailand	International Conference on Aquaculture, Agro Business Industry and Agrotourism (ICAAA 2014)	Presenter	1) Whale Inspired Blade Design of a Contra-Rotating Tidal Turbine 2) Smart Power Management System for Rural Telecentre Conceptual Design 3) Durable Hybrid-Powered White Pepper Retting Machine Integrated with Crude Enzymatic Solution	International Postgraduate Network	self-fund: 1,000.00	E14054 F02 54 PK4/03/2012(01) - RM4,470.00

NO	NAME	DATE	PLACE	CONFERENCE/ SEMINAR	STATUS	PAPER TITLE	ORGANIZER	FUND	
								UNIMAS	GRANT
6	Prof Madya Dr M. Shahidul Islam	19-21 December 2014	Dhaka, Bangladesh	The 6 th BSME International Conference on Thermal Engineering	Presenter	Modeling the Energy Extraction from In- stream Water by Multi Stage Blade System of Cross Flow Micro Hydro Turbine	Bangladesh Society of Mechanical Engineers (BSME)	-	FRGS/TK01(01)973/2013 - RM7,972.00
7	Pn Annisa Jamali	1-3 November 2014	Institut Teknologi Brunei, Brunei Darussalam	5 th International Conference on Engineering and Technology (BICET) 2014	Presenter	Development of Upper Limb Rehabilitation Robot Prototype for Home Setting	Institut Teknologi Brunei	-	RAGS/TK01(1)/1050/2013 (17) - RM7,037.12
8	Dr Shahrol Mohamaddan	8-9 November 2014	Osaka, Jepun	Annual Conference for Computer Aided Surgery	Observer	-	Japan Society of Computer Aided Surgery	-	Financed by organizer

7 PUBLICATIONS

7.1 PROCEEDINGS

1. Rosli, N.A, Zawawi M.H., Bustami, R.A. (2014). Elucidation on Green Roof Runoff Quality, 13th International Conference on Urban Drainage, ICUD 2014, 7-12 September 2014, Kuching, Sarawak.
2. Provis J.L., Bernal S.A., Ismail I., San Nicolas R. , Brice D.G., van Deventer J.S.J (2014). Comparing the influence of fly ash on the durability properties of Portland cement-based and alkali activated slag-based concretes. The 13th International Conference on Durability of Building Materials 2-5 September 2014, Sao Paulo, Brazil.
3. L.J. Lee, S.R. Kaniraj and Taib S.N.L. (2014). Effect of Tidal Fluctuation on Ground Movement and Pore Water Pressure, Proc. International Conference on Geotechnical Engineering 2014, 26-28 May 2014, Shanghai, China.
4. S. Sahrani, T. Akata, M. Kuroda (2014). FDTD Analysis of EM Field Effected by the Motion of Source and Vehicle, 2014 International Conference on Electromagnetics in Advanced Applications (ICEAA), 3 - 8 August 2014, Palm Beach, Aruba, USA
5. T. Akata, S. Sahrani, M. Kuroda (2014). Numerical Analysis of the EM Field from a Moving Source and the Application for a Moving Vehicle, European Microwave Conference 2014, 6 – 9 October 2014, Rome, Italy
6. F.J. Putuhena (2014). Preserving Lingko and Lodok System as an Agricultural Heritage in the Flores River Basin, Regional Symposium on Water, Wastewater and Environment: Tradition and Culture, the International Water Association (IWA), 22 – 24 March 2014, Patras, Greece.
7. S. J. Tanjong, R. N. Ibrahim, and M. Abdollahian (2014). Estimation of Non-Conformance Using the Modified Tolerance Region, International Conference on Mechatronics and Mechanical Design, ICMMD 2014, 26-28 December, 2014, Hong Kong.
8. S. J. Tanjong, R. N. Ibrahim, and M. Abdollahian (2014). Comparison of the GD and MTR Approaches for Estimating Proportion of Non-Conformance, International Conference on Mechatronics and Mechanical Design, ICMMD 2014, 26-28 December, 2014, Hong Kong.
9. D.Y.S. Mah and KKK Kuok (2014). Riparian Buffers: Investigation on Riparian Health and Associated Width, 13th IAHR/IWA International Conference on Urban Drainage, ICUD 2014, 7 - 12 September, 2014, Kuching, Sarawak.
10. C.H.J. Bong, T.L. Lau, and A. Ab. Ghani (2014). Self-Cleansing Design of Rectangular Open Storm Sewer, 13th International Conference on Urban Drainage, ICUD2014, 7-12 September, 2014, Sarawak, Malaysia.
11. Mohd Azlan Ismail, Al-Khalid Othman, Hushairi Zen, "Numerical Simulation on End Suction Centrifugal Pump Running in Inverse Flow for Microhydro Applications", International Integrated Engineering Summit (IIES) 2014
12. Mohd Azlan Ismail, Al-Khalid Othman, Shahidul Islam, Hushairi Zen (2014). "Review Article : End Suction Centrifugal Pump Operating in Turbine Mode for Microhydro Applications." Advances in Mechanical Engineering 2014

7.2 JOURNALS

1. H.R. Ramji, S.L. Leo, M.O. Abdullah (2014). Parametric study and simulation of a heat-driven adsorber for air conditioning system employing biomass-based activated carbon-methanol working pair, *Applied Energy*, Volume 113, January 2014, Pages 324–333
2. S. A. Jayousi and M. S. Muhammad (2014). A Survey of Contact Testing Techniques for the Diagnosis of Printed Circuit Boards, *International Journal of Scientific and Engineering Research (IJSER)*, Volume 5, Issue4, April 2014, No. 9, pp. 897-899.
3. Ismail I., Bernal S.A., Provis J.L., San Nicolas R., Hamdan S., van Deventer J.S.J (2014), Modification of phase evolution in alkali-activated blast furnace slag by the incorporation of fly ash, *Cement and Concrete Composites*, Vol 45, pp. 125-135.
4. N.M. Sutan, I. Yakub, H. Jau, 2014, Physical and Mechanical Properties of Industrial Waste Modified Mortar *Applied Mechanics and Materials* (ISSN 1660-9336/1662-7482) (Scopus)
5. I. Yakub, K.A.M. Said, N.M. Sutan, Y.H. Taufiq-Yap, S. Mohamad, 2014, Surface characteristics of porous coconut shell carbon impregnated with bimetallic catalysts *Applied Mechanics and Materials* (ISSN 1660-9336/1662-7482) (Scopus)
6. N.M. Sutan, I. Yakub and S. Hamdan, 2014, Physicochemical characterization of polymer composite cement systems, *WIT Transactions on the Built Environment*, Vol 307: pp103-110(ISSN: 1743-3509)(Q2)
7. N.M. Sutan, I. Yakub, S. Hamdan and Z.A. Talib, 2014, Physicochemical characterization of modified multicomponent binder mortar in relation to calcium hydroxide leaching, *WIT Transactions on the Built Environment* , Vol 307: pp81-90 (ISSN: 1743-3509)(Q2)
8. N.M. Sutan, I. Yakub , S. Hamdan and C.S. Kiong, 2014, Characterization of Calcium Hydroxide (CH) crystals in Nano Modified Binder (NMB), *Concrete Research Letter* (ISSN: 2180-1371) Vol. 5 (2):pp 760-767.(Google Scholar)
9. N.M. Sutan, I. Yakub, C.J. Zui, S. Hamdan and Z.A. Talib, 2014, Microstructural Study Of Cementitious Binder Containing Nanosilica, *Malaysian Construction Research Journal (MCRJ)* Volume 15 No. 2 (ISSN: 1985-3807) (Q4)
10. N.M. Sutan, I. Yakub, S. Hamdan and Z.A. Talib, 2014, Efflorescence Mitigation By Pozzolanic Industrial By-Products, *Malaysian Journal of Civil Engineering (MJCE)* Vol 26 (2) (ISSN: 1823-7843) (MyCite Indexed, Google Scholar)
11. N.M. Sutan, I. Yakub, S. Hamdan and Z.A. Talib, 2014 , Microstructural Study On The Effectiveness Of Commercial Polymer Emulsion As Cement Additives To Mitigate Efflorescence, *The International Journal of Computational Methods and Experimental Measurements (CMEM)*(ISSN: 2046-0554) Vol.2 (3) (Scopus Indexed)
12. N. Tamanna, N.M. Sutan, I. Yakub, D.T.C. Lee, 2014, Strength Characteristics of Mortar Containing Different Sizes Glass Powder, *UNIMAS e-journal of Civil Engineering* Vol 5 (1) (ISSN: 1985-3874) (MyCite Indexed, Google Scholar)
13. S.K. Sahari, N.M. Sutan, R. Sapawi , I. Yakub, D.N.S.A. Salleh, A. Lit (2014) Defects Generation In Ge/Geo2 Structure, *Key Engineering Materials* Vols. 594-595 (2014) pp 1069-1073© (2014) Trans Tech Publications, Switzerlanddoi : 10.4028/www.scientific.net/KEM.594-595.1069
14. Kabit, M.R., Charles, P., Fereirra, L., and Kim, I. (2014). Modelling major traffic incidents impacts and estimation of its associated costs, *Journal of Transport Planning and Technology*, Vol. 37, No. 4, pp. 373-390. DOI:10.1080/03081060.2014.897130

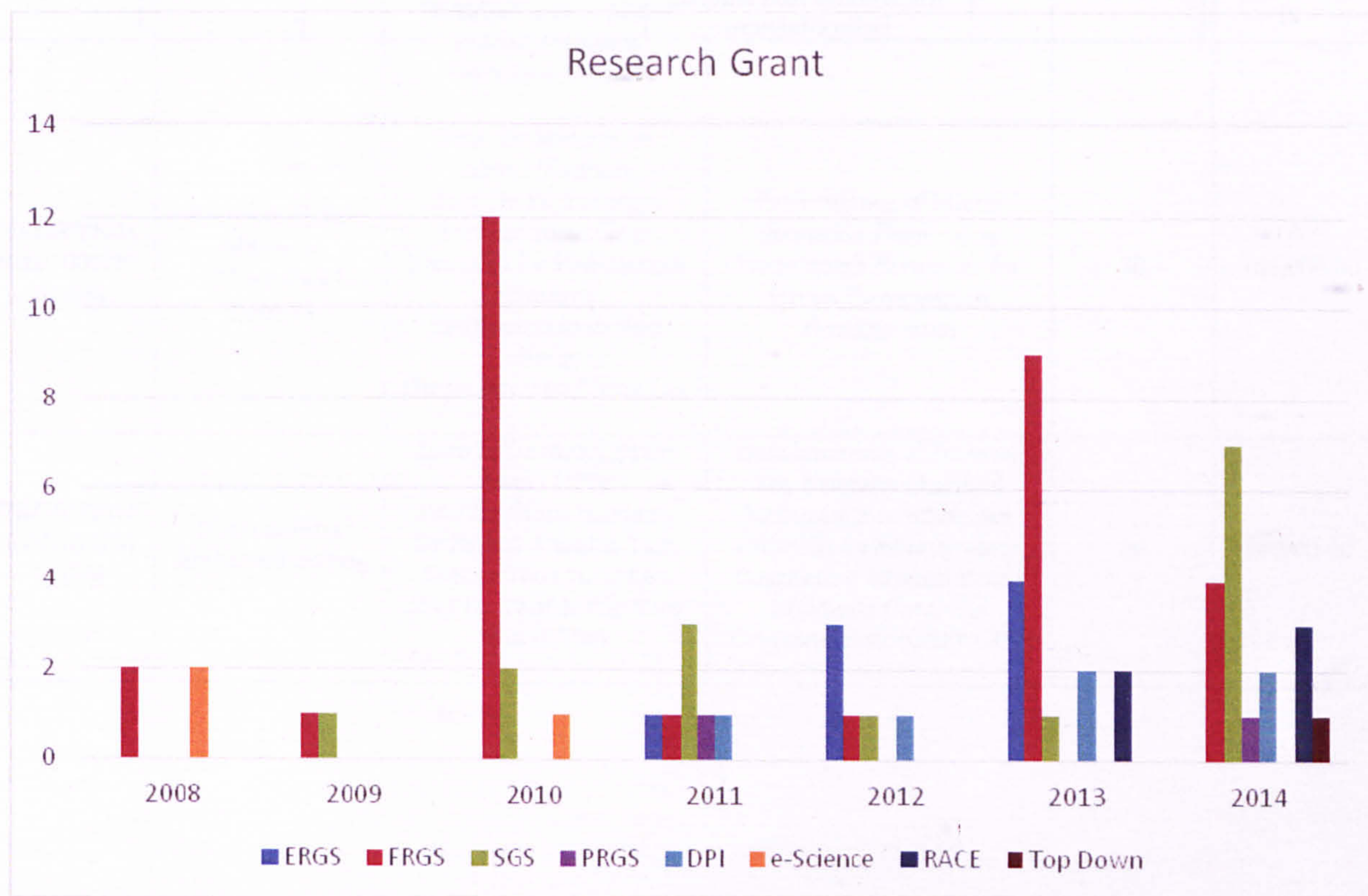
15. Caroline L.L. Tan and Nasser R. Afshar (2014). "Effect of types of weir on Discharge", UNIMAS e-Journal of Civil Engineering, Volume 4, Issue 3.
16. Darrien Y.S. Mah, F.J. Putuhena and N.A. bt Rosli (2014). Environmental Technology: Potential of Merging Road Pavement with Stormwater Detention, Journal of Applied Science & Process Engineering, Vol. 1, No. 1, pp. 1-8.
17. S. J. Tanjong, R. N. Ibrahim, and M. Abdollahian (2014). Determining Quality Risk for Correlated Bivariate Normal Characteristics, The International Journal of Advanced Manufacturing Technology, Vol. 72, No. 1-4, pp. 495-508.
18. Sahdi, F., Gaudin, C., and White, D.J (2014). Strength Properties of Ultra-soft Kaolin. Canadian Geotechnical Journal, Vol. 51, No. 4, pp. 420-431.
19. Sahdi, F., Gaudin, C., White, D.J., and Boylan, N (2014). Interpreting T-bar Tests in Ultra-Soft Clay. International Journal of Physical Modelling in Geotechnics, Vol. 14, No. 1, pp. 13-19.
20. Sahdi, F., Gaudin, C., White, D.J., Boylan, N., and Randolph, M.F (2014). Centrifuge Modelling of Active Slide-Pipeline Loading in Soft Clay. Géotechnique, Vol. 64, No. 1, pp. 16-27.
21. Jakhrani, A.Q., Samo, S.A., Kamboh, S.A., Labadin, J., Rigit, A.R.H. (2014). An Improved Mathematical Model for Computing Power Output of Solar Photovoltaic Modules. International Journal of Photoenergy, Article ID 346704, doi.org/10.1155/2014/346704.
22. I. A. W. Tan, W. H. Wu, R. A. Chan, and L. L. P. Lim (2014) Effect of Mercerization and Acetylation on Properties of Coconut Fiber and its Influence on Modified Bitumen. UNIMAS Journal of Civil Engineering, 5(1), 17-22.
23. W. Z. Kwong, I. A. W. Tan, N. A. Rosli and L. L. P. Lim (2014) Removal of Toluene from Aqueous Solutions Using Oil Palm Shell Based Activated Carbon: Equilibrium and Kinetics Study. Pertanika Journal of Science and Technology, 22(2), 213-221.
24. C. Liew and L. L. P. Lim (2014) Application of electrokinetic in controlling heavy metals migration in sand: A feasibility study . UNIMAS Journal of Civil Engineering, 5(2), 8-15.
25. N Rajae, K Hong Ping, A Lit, DNSA Salleh and LY Ng (2014), Comparison of Material Consumption, Experimental Protocols and Computation Time, International Journal of Machine Learning and Computer (ISSN: 2010-3700), Vol. 4, No. 4, pp 394 – 398.
26. N Rajae, AASA Hussaini, A Zulkharnain and SMW Masra (2014), Modeling of Row/Column Indicators for Boolean Matrices in DNA Computing, International Journal of Advanced Technology and Science, Vol. 1 No. 2, pp 34-40.
27. T.S. Kannan, A.A. Saleh, F.N, Ani (2014). Bioethanol production from sago pith waste using microwave hydrothermal hydrolysis accelerated by carbon dioxide, Applied energy, 128, pp. 277-283.
28. T.S. Kannan, A.A. Saleh, F.N, Ani (2014). Application of ANN to Predict S.I. engine Performance and Emission Characteristics Fuelled Bioethanol, Applied Mechanics and Materials, 554, pp. 454-458.
29. A.A. Saleh, I. Saiful, A. Islam, L.C. Xian and M. Mridha (2014). Study on Emission and Performance of Diesel Engine Using Castor Biodiesel, Journal of Chemistry, 10, pp. 1-9.
30. A.A. Saleh, I. Saiful and R. Arjmandi (2014). Impact of Succinic Anhydride on the Properties of Jute Fibre/Polypropylene Biocomposites, Fibers and Polymer, 15.2, pp.307-314.
31. T.S. Kannan, A.A. Saleh, F.N, Ani (2014). Corrosion Characteristics of Copper in Malaysian Bioethanol and Gasoline Blends, Applied Mechanics and Materials, 467, pp. 122-126

32. C.H.J. Bong, T.L. Lau, and A. Ab. Ghani (2014). Sediment Size and Deposition Characteristics in Malaysian Urban Concrete Drains – A Case Study of Kuching City, *Urban Water Journal*, Vol. 11, No. 1, pp. 74-89.
33. W.W.S. Chai, D.C.L. Teo and C.K. Ng (2014). Improving the Properties of Oil Palm Shell (OPS) Concrete Using Polyvinyl Alcohol (PVA) Coated Aggregates, *Advanced Materials Research*, Vol. 970, pp. 147-152.
34. A Khan, N U Haq, I R Chughtai, A Shah and K Sanaullah (2014). Experimental investigations of the interface between steam and water two phase flows, *International Journal of Heat and Mass Transfer*, Vol 73, pp 521-532.
35. A Khan, K Sanaullah, M. S Takriff, H Zen, L S Fong (2014). Inclined Injection of Supersonic Steam into Subcooled Water: A CFD Analysis, *Advanced Materials Research*, Vol 845, pp 101-107.
36. Amir Azam Khan, Jean Claude Labbe (2014) "Surface Engineering: Glass metal coatings designed for Induction Heating of Ceramic Components", *IOP Conference Series, Materials Science and Engineering* 60 (1), 2014 doi:10.1088/1757-899X/60/1/012017
37. Yiong Ngee Fei, Amir Azam Khan (2014) "The Effect of Sound Absorption Coefficient of Particle Addition to Polyurethane Matrix Composites", *Australian Journal of Basic and Applied Sciences (AJBAS)*, 8(15), 2014, Pages: 246-251
38. N. Tamanna, N.M. Sutan, I. Yakub, D.T.C. Lee, E.F. Ahmad, 2014, Influence of Mortar Incorporating Silica Based Waste Material on the Formation of C-S-H and Mechanical Strength Properties, *Applied Mechanics and Materials* (ISSN 1660-9336/1662-7482) (Scopus)
39. Hossen, M.F., Hamdan, S., Rahman, M.R. (2014). Cadmium and Lead in Blood Cockel (*Anadara granosa*) from Asajaya, Sarawak, Malaysia, *The Scientific World Journal*, Volume 2014, Article ID 924360.
40. Jayamani, E., Ezhumalai., P., Hamdan, S., Rahman, M.D. (2014). Fabrication of Chemically treated Natural fibre reinforced polymer matrix Composites and measurement of its sound absorption coefficients to regulate Industrial Noise, *Applied Mechanics and Materials* Vols. 465-466, 896-900.
41. Jayamani, E., Hamdan, S., Ee, N.S., Siang, T.Y., Yang, D.L.T. (2014). Strain Rate Effect on the Mechanical Properties of Recycled Wood Particles/Epoxy Composites. *Applied Mechanics and Materials*, Vol 624, 57-61.
42. Hamdan, S., Rigit, A.R.H., Shafqat, S.S., Khan, A.A., Khan, M.A., Zulkharnain, A. (2014). Synthesis of Arylidene propanedioic Acids By Knoevenagel Condensation for use in Ceramic Sols, *Asian Journal of Chemistry*, Vol. 26, No. 24
43. Jayamani, E., Ezhumalai., P., Hamdan, S., Rahman, M.D. (2014). Investigation on sound absorption coefficients of Betel nut fiber reinforced polymer matrix composites, *Applied Mechanics and Materials*, Vols. 465-466, 901-905.
44. Rahman, M.D., Hamdan, S., Islam, M.S., Hashim, D.M.A., Takagi, H. (2014). Bamboo fiber polypropylene composites: Effect of fiber treatment and nano clay on mechanical and thermal properties. *Journal of Vinyl and Additive Technology*, DOI: 10.1002/vnl.21407.
45. Mohamed Sutan, N., Yakub, I., Hamdan, S., Siong, C.K. (2014). Characterization of Calcium Hydroxide (CH) crystals in Nano Modified Binder (NMB). *Concrete Research Letters*, Vol 5(2), 760-767.
46. Mohamed Sutan, N., Yakub, I., Hamdan, S. (2014). Physicochemical characterization of polymer composite cement systems. *High Performance and Optimum Design of Structures and Materials*, Vol 137, 103-108.

47. Jayamani, E., Hamdan, S., Heng, S.K., Rahman, M.D. (2014). Sound Absorption Property of Agricultural Lignocellulosic Residue Fiber Reinforced Polymer Matrix Composites. *Applied Mechanics and Materials*, Vol 663, 464-468.
48. Mohamed Sutan, N., Yakub, I., Hamdan, S., Talib, Z.A. (2014). Physicochemical characterization of modified multicomponent binder mortar in relation to calcium hydroxide leaching. *High Performance and Optimum Design of Structures and Materials*, Vol 137, 81-87.
49. Jayamani, E., Hamdan, S., Rahman, M.D. (2014). Synthesis and Characterization of Epoxy Resin Reinforced with Luffa Fiber Composites for Sound Absorption. *Applied Mechanics and Materials*, Vol 624, 36-41.
50. Jayamani, E., Hamdan, S., Ezhumalai, P., Heng, S.K. (2014). Acoustic and Thermal Properties of Polymer Composites Reinforced with Lignocellulosic Fibers. *Applied Mechanics and Materials*, Vol 624, 25-29.
51. Perrin, R., Elford, D.P., Chalmers, L., Swallow, G.M., Moore, T.R., Hamdan, S., Halkon, B.J. (2014). Normal modes of a small gamelan gong. *The Journal of the Acoustical Society of America*, Vol 136, Issue 4, 1942-1950.
52. Siong, K.K, Heng, S.K., Hamdan, S., Mohsin, M., Kakar, A., Hameed, M. (2014). Preparation and Dimensional Stability of Organo-Montmorillonite (O-MMT) Treated Unsaturated Polyester Hybrid Composites Filled with Keratin Fiber. *Advanced Materials Research*, Vol 980, 28-32.
53. Islam, M.I., Hamdan, S., Ahmad, M., Hasan, M., Hassan, A., Haafiz, M.K., Jawaid, M. (2014). Effect of PVA-co-MMA Copolymer on the Physical, Mechanical, and Thermal Properties of Tropical Wood Materials. *Advances in Materials Science and Engineering*, Volume 2014, Article ID 626850.
54. Islam, M.I., Hamdan, S., Hassan, A., Talib, Z.A., Sobuz, H.R. (2014). The chemical modification of tropical wood polymer composites. *Journal of Composite Materials*, Vol 48, Issue 7, 783-789.
55. Jayamani, E., Hamdan, S., Rahman, M.R., Heng, S.K., Bakri, M.K. (2014). Processing and Characterization of Epoxy/Luffa Composites: Investigation on Chemical Treatment of Fibers on Mechanical and Acoustical Properties, *BioResources* 9(3), 5542-5556.
56. Chiang, T.T., Osman, M.S., Hamdan, S. (2014). Water Absorption and Thickness Swelling Behavior of Sago Particles Urea Formaldehyde Particleboard. *International Journal of Science & Research (IJSR)*, Vol 3, Issue 12.
57. Ismail, I., Bernal, A.S., Provis, J.L., Nicolas, R.S., Hamdan, S., Deventer, J.S.J. (2014). Modification of phase evolution in alkali-activated blast furnace slag by the incorporation of fly ash. *Cement and Concrete Composites*, Volume 45, 125-135.
58. Jayamani, E., Hamdan, S., Rahman, M.R., Bakri, M.K. (2014). Investigation of Fiber Surface Treatment on Mechanical, Acoustical and Thermal Properties of Betelnut Fiber Polyester Composites. *Procedia Engineering*, Volume 97, 545-554.
59. Jayamani, E., Hamdan, S., Rahman, M.R., Bakri, M.K., (2014). Comparative Study of Dielectric Properties of Hybrid Natural Fiber Composites. *Procedia Engineering*, Volume 97, 536-544.
60. Lai, J.C.H., Rahman, M.R., Hamdan, S., Kiew L.F., Hossen, M.F. (2014). Impact of Nanoclay on Physicomechanical and Thermal Analysis of Polyvinyl Alcohol/Fumed Silica/Clay Nanocomposites. *Journal of Applied Polymer Science*.

8 LIST OF RESEARCH ACTIVITIES

Year	ERGS	FRGS	SGS	PRGS	DPI	e-Science	RACE	Top Down
2008		2				2		
2009		1	1					
2010		12	2			1		
2011	1	1	3	1	1			
2012	3	1	1		1			
2013	4	9	1		2		2	
2014		4	7	1	2		3	1



Dana Principal Investigator (DPI)					
Grant No	Project Leader	Co-Researcher	Title	Duration (Month)	Budget
02(DPI19)9 55/2013(02)	Assoc Prof Dr Siti Noor Linda bt. Hj. Taib	Prof Dr Shenbaga Rajaratnam Kaniraj Jeyachandran, Ahmad Kamal b. Abd. Aziz, Ir. Lee Lin Jye	Investigation on Lateral of Piles in Sarawak Soft Riverbank	24	50,000.00
02(DPI23)9 99/2013(06)	Assoc Prof Dr Khairuddin Sanaullah	Dr. Lim Soh Fong Prof. Ir. Dr. Mohd Sobri Takriff Dr Hushairi Zen Afrasyab Khan	Modeling/CFD Validation of Direct Contact Condensation of Supersonic Steam with Subcooled water	24	50,000.00
F02(DPI25) 1125/2014(0 1)	Prof Madya Dr M. Shahidul Islam	Abdullah Yassin, Syed Tarmizi Syed Shazali, Lee Man Djun, Ting Ching Hung	Modelling Capacity Utilization of Water Treatment Plants for Achieving Sustainability in Manufacturing Industry: An Empirical Study in Sarawak, Malaysia	24	55,000.00
F02(DPI26) 1126/2014(0 2)	Dr Hushairi Zen	Prof Madya Dr Al-Khalid Othman, Prof Datuk Khairuddin Abd Hamid, Bello Olalekan	Cross Layer Scheduling and Resource Allocation in WiMAX	36	51,600.00

ERGS					
Grant No	Project Leader	Co-Researcher	Title	Duration (Month)	Budget
ERGS/TK01 (01)/1007/20 13 (04)	Dr Abdullah Bin Yassin	SyeD Termizi Syed Shazali M Shahidul Islam Mohd Azrin Mohd Said	A Novel Method in Measuring Cutting Edge Temperature of End Mill Tool in High Speed Machining Using Infrared Radiation	36	132,000.00
ERGS/TK03 (01)/1008/20 13 (05)	Dr Onni Suhaiza Binti Selaman	Ap Dr Nasser Rostam Ashfar Ap Dr Siti Noor Linda Taib Dr Darrien Mah Yau Seng Dytku Salma Awg Ismail Dr Magdelene Andrew Munot Dr Ena Kartina Abdul Rahman (Insitut Teknologi Brunei)	Design and Efficiency Testing of a New Approach to Water Draining System in Slope	24	80,000.00
ERGS/TK03 (02)/1009/20 13 (06)	Prof Md Abdul Mannan (Norazlina Bateni)	Prof Dr Mohamma Abdul Mannan Prof Dr FJ Futuhea Prof Dr Ngee Chee KhoonAp Dr Rediansyah Mansyur dr Darrien Mah Yau Seng DR Delsye Teo Ching Lee	Performance of Micro- detention Pond using Honeycomb Structure for Green Pavement in Housing Area	36	135,000.00
ERGS/TK04 (02)/1011/20 13 (08)	Norsuzailina Mohamed Sutan	Dato Ir Dr Mohd Saleh Jafar- UPM Prof Dr Sinin Hamdan Dr Zainal Abindin Taib Delsye Teo Ching Lee Prof Dr Taufik Yup Yun Hin (UPM)	Developments of Durable Eco-Friendly Modified Multicomponent Binder (MMCB) Cement System Containing Ground Spent Fluidized Catalytic Cracking Unit (GSFCCU).	36	98,000.00

FRGS 2014 (Phase 1)					
Grant No	Project Leader	Co-Researcher	Title	Duration (Month)	Budget
FRGS/TK04 (01)/972/2013 (13)	Dr Delsye Teo Ching Lee	Prof Dr Ng Chee Khoon Prof Dr Md Abdul Mannan Prof Dr Hilmi Mahmud (UM) Dr Nursuzailina Mohamad Sutan	Chloride Penetration and Time to Corrosion Initiation of Concrete Produced from Agricultural Waste	36	73,000.00
FRGS/TK01 (01)/973/2013 (14)	Assoc Prof Dr Syed Tarmizi Bin Syed Shazali	Prof Dr Wan Hashim Wan Ibrahim AP Dr M Shahidul Islam AP Dr Abdullah Yassin AP Dr Al kahlid Othman Saiful Bahari Mohd Yusoff Ahmad Adzlan Fadzli Bin Khairi Hishammuddin Afifi Huspi Mohd Azrin Mohd Said	Modelling of Energy Extraction From Low Velocity Water Stream with Micro Hydro Turbine	36	128,000.00
FRGS/ICT0 2(01)/997/2013 (38)	Dr Tay Kai Meng	Prof Dr Lim Chee Peng (USM) Dr Mah Yau Seng Asrani Lit Dr Delsye Teo Ching Leng	A Novel Theoretical Synthesis of Fuzzy Causal Modeling and Information Theory: Mathematical Extensions, Evaluations, and a Real World Application in Sarawak	36	68,900.00
FRGS/TK07 (01)/1055/2013 (01)	AP Dr Siti Noor Linda Taib	DrNursuzailina Mohamed Sutan Ibrahim B Yakub Ron Aldrino Chan@Ron Buning Dr Norazzlina M.Sa'don Prof Fauziah Bt Ahmad	Strength, Morphological and Chemical Characterizations of Pavement Subbase Modified by Chemical and Industrial Waste for Durable Road Construction.	36	75,000.00
FRGS/TK01 (01)/1059/2013 (05)	Dr Mohd Danial Bin Ibrahim	Dr Miyanaga Norifumu Nabilah Ibrahim Muhd Fadzli Ashari	Investigation of Non-Newtonian and Multiphase Laminar-Turbulent Flow Regime Rheology of Modified Nano-Macro Boundary Surfaces	24	96,850.00
FRGS/TK03 (01)/1063/2013 (09)	Ir David Bong Boon Liang	Dr Tay Kai Meng Prof Dr Ir Andrew Ragai Ak Henry Rigit Dr Khoo Bee Ea	Tuning-Free Spatial Descriptor Model For Image Quality Perception	24	51,000.00
FRGS/TK04 (01)/1081/2013 (27)	Dr Nicholas Kuan Hoo Tien	Prof Dr Amir Azam Khan	An investigation of the analytical tensile model and mathematical impact response formula for the novel lightweight eco-friendly Pandanus atropacus based composite.	36	74,500.00
FRGS/TK04 (02)/1082/2013 (28)	Dr Siti Kudnie Sahari	DrNursuzailina Mohamed Sutan Prof Burhanudin Yeop Majlis Dr Rohana Sapawi Dr Ibrahim Ahmad Prof Madya Dr Azrul Azlan b. Hamzah	Theoretical Formulation of Interfacial Layer Growth between High-k and Germanium Surface	24	81,000.00
FRGS/SG02 (01)/1085/2013 (31)	Prof Dr Sinin Hamdan	Prof Madya Dr Hasnizam Ab Wahid Prof Dr Ismail Jusoh	Sound Quality Assessment of Wood	36	112,000.00

FRGS/TK01 (01)/1136/20 14 (03)	Shahrol Mohamaddan	Annisa Binti Jamali , Siti Zawiah Bt Md Dawal , Ahmad Hata Rasit , Mohd Syahmi Bin Jamaludin , Noor Aliah Binti Abdul Majid	Investigation of the Required Parameters for Club Foot Treatment Based On Non-Invasive Medical Approach	24	91,400.00
FRGS/TK04 (02)/1138/20 14 (05)	Ibrahim bin Yakub	Norsuzailina Binti Mohamed Sutan , Taufiq Yap Yun Hin , Khairul Anwar Bin Mohamad Said	An investigation on agrowaste-based Selective Catalytic Reduction (SCR) catalyst in a denitrification of biomass-combustion flue gas	36	126,200.00

RACE						
Grant No	Project Leader	Co-Researcher	Collaborative RU	Title	Duration (Month)	Budget
RACE/c(1)/1108/2014 (16)	Norsuzailina Mohamed Sutan	1. Dato Ir Dr Mohd Saleh Jaafar (UPM) 2. Dr Khamirul Amin Matori (UPM) 3. Ibrahim Yakub (UNIMAS)	1. Dato Ir Dr Mohd Saleh Jaafar (UPM)	Characterizations and morphology of Tobermorite and Jennite like Calcium Silicate Hydrate (C-S-H) during hydration of Nano Pozzolanic Modified Binder (NPMB)	24	45,000.00
RACE/c(2)/1109/2014 (17)	Ir David Bong Boon Liang	1. Prof Dr Nor Ashidi Mat Isa (USM) 2. Dr Khoo Bee Ee (USM)	1. Prof Dr Nor Ashidi Mat Isa (USM) 2. Dr Khoo Bee Ee (USM)	Blind-PSNR Model For No-Reference Image Quality Assessment	24	50,000.00
RACE/c(3)/1110/2014 (18)	Dr Tay Kai Meng	1. Prof Dr Lim Chee Peng (USM) 2. Nicholas Kuan Hoo Tien (UNIMAS) 3. Dyg Nur Salmi Dharmiza Awg Salleh (UNIMAS) 4. Hazmi Hijazi Abdul (UNIMAS)	1. Prof Dr Lim Chee Peng (USM)	A novel Interval Type-2 Single-Input-Rule-Modules Connected Fuzzy Inference System: Theoretical Analysis, Extensions and Practical Applications	36	50,000.00

RAGS					
Grant No	Project Leader	Co-Researcher	Title	Duration (Month)	Budget
RAGS/TK01(1)/1050/2013 (17)	Annisa binti Jamali	AP Dr Mohamad Omar Abdullah Ervina Junaidi Noor Aliah Bt Abdul Majid Dr Helmy Bin Hazmi Mohd Fareez Edzuan Bin Abdullah Mohd Syahmi bin Jamaludin	Parametric Study on Rehabilitation Robot of Upper Limb Impairment for Domestic Setting	24	65,000.00
RAGS/TK02(1)/1051/2013 (18)	Abdul Hafiz Abdul Karim	Dr Azham Zulkharnain Muhammad Fadzli Ashari Dr Shafrida Sahrani	Automated Sorting System with Image Processing for Colony Enumeration System	24	51,900.00
RAGS/TK04(1)/1052/2013 (19)	Mohd Syahmi Jamaluddin	Prof Dr Amir Azam Khan Dr Azham Zulkharnain Noor Aliah Abdul Majid Mohd Fareez Edzuan Bin Abdullah Anissa Jamali	Mechanical Properties of Novel Hot Press Glycidyl Methacrylate/Sago Biomass Biocomposite	24	51,000.00

SGS					
Grant No	Project Leader	Co-Researcher	Title	Duration (Month)	Budget
02(S136)/1111/20 14(01)	Ngu Sze Song	Martin Anyi	Design and Control of Pick and Place Robot Arm for Roller Clamp Assembly	12	10,000.00
02(S137)/1112/20 14(02)	Ir Ting Sim Nee	Dr Naser Rostam, Dr Azhaili Baharuan	Value Engineering for Optimised Micro Hydro Green Energy Island Construction Contracts Solution for Interior Sarawak	12	10,000.00
02(S138)/1113/20 14(03)	Dr Idawati Ismail	Prof Dr Sinin Hamdan	Utilization of Industrial by products as binder in construction material by alkaline activation	12	10,000.00
02(S140)/1117/20 14(05)	Dr Shafrida Sahrani	Dr Kismet Ak Hong Ping	Numerical Technique for Solving Electromagnetics Scattering Problems in Moving Boundaries and Its Application to Nanoelectrics	12	9,986.00
F02(S147)/1127/ 2014(12)	Dr Mah Yau Seng	Nor Azalina Rosli, Prof Dr Frederick Josep Putuhena	Creating Multi-Purpose Road Pavement	24	25,000.00
F02(S149)/1129/ 2014(14)	Dr Charles Bong	Prof Ir Dr Frederick Josep Putuhena	Effect of Sediment Deposition Thickness on Incipient Motion in Rigid Boundary Channel	24	25,000.00
F02(S153)/1154/ 2014(18)	Dr Nordiana Rajae	Prof Madya Dr Awang Ahmad Sallehin Awang Husaini, Dr Azham Zulkharnain	Design and Synthesis of DNA Sequences for Solving Problems with DNA Computing	36	25,000.00

Top Down UNIMAS					
Grant No	Project Leader	Co-Researcher	Title	Duration (Month)	Budget
TD05	Prof Madya Dr M. Shahidul Islam	Prof Dr Wan Hashim Wan Ibrahim, Prof Dr ahmad Hatta Rasiat, PM Dr Shahren Ahmad Zaidi, Dr Muhammad Affandy Arip, Abdullah Yasin, Syed Tarmizi Syed Shazali, Ana Sakura Zainal Abidin, Mohd Azrin Mohd Said, Ahmad Adzlan Fadzli Khairi, Hishammudin Afifi Huspi, Ting Ching HUngh, Lee Man Djun	Water Supply for Rural Community for Achieving Socio-Economic and Environmental Sustainability	5	50,000.00

9 ACADEMIC RELATED ACTIVITIES

No	Date	Activities	Department
1.	6 January 2014	ESR WORKSHOP 2014	Department of Chemical Engineering and Energy Sustainability
2.	21-24 January 2014	BENGKEL SETARA '13 (SESI PENYENARAIAAN REKOD SETARA '13)	Department of Electrical and Electronic Engineering
3.	29 January 2014	OBE & QMS WORKSHOP 2014	Department of Chemical Engineering and Energy Sustainability
4.	6 February 2014	SEMINAR ON ROUTE TO MIEM/ PROFESIONAL ENGINEER (PE) AS AN ENGINEERING ACADEMICIAN	Department of Mechanical and Manufacturing Engineering
5.	10 February 2014	TEMPERATURE CONTROL OF NUTRIENT IN FLOATING SYSTEM CALTIVATION (APPLIED THERMAL ENGINEERING)	Department of Chemical Engineering and Energy Sustainability
6.	12 February 2014	HOW DRYING TECHNIQUE AND GEL CHEMISTRY EFFECT THE DURABILITY INDICATOR OF ALKALI ACTIVATED MATERIALS BY DR IDAWATI ISMAIL	Department of Civil Engineering
7.	25 February 2014	AMANAT NAIB CANSELOR 2014	Department of Chemical Engineering and Energy Sustainability
8.	5 March 2014	NORMAL MODES OF A SMALL GAMELAN GONG BY PROFESSOR DR SININ HAMDAN	Department of Mechanical and Manufacturing Engineering
9.	12 March 2014	DEVELOPMENT OF LOW GROUP DELAY CMOS POWER AMPLIFIER FOR UWB COMMUNICATION BY DR ROHANA SAPAWI	Department of Electrical and Electronic Engineering
10.	13-15 March 2014	BENGKEL PENGHAYATAN VISI & MISI -MODUL 'O' 2014	Department of Civil Engineering
11.	17 March 2014	TALK BY PROF. LASZLO T. KOCZY : FUZZY SIGNATURES	Department of Electrical and Electronic Engineering
12.	2 April 2014	SOFT ERROR ANALYSIS ON C-ELEMENT BY MR NORHUZAIMIN JULAI	Department of Electrical and Electronic Engineering
13.	4 April 2014	SUPERVISORY STRATEGIES	Department of Mechanical and Manufacturing Engineering

14.	7 April 2014	ANALYSIS SOFTWARE WORKSHOP AT CHEMICAL COMPUTER LAB	Department of Chemical Engineering and Energy Sustainability
15.	9 April 2014	QUALITATIVE DATA ANALYSIS : INTRODUCTION TO ATLS.TI BY MR RASLI MUSLIMEN AND DR ANA SAKURA ZAINAL ABIDIN	Department of Mechanical and Manufacturing Engineering
16.	21 April 2014	TEACHING & LEARNING STRATEGIES WORKSHOP	Department of Mechanical and Manufacturing Engineering
17.	22 April 2014	TECHNICAL VISIT TO KUCHING PORT	Department of Civil Engineering
18.	22 April 2014	SOLAR CAR WORKSHOP- GREEN WEEK 2014	Department of Electrical and Electronic Engineering
19.	24-25 April 2014	BENKEL FACILITATING CQI IN TEACHING AND LEARNING	Department of Chemical Engineering and Energy Sustainability
20.	30 April 2014	ROADSHOW ON RESEARCH & INNOVATION STRATEGIC PLAN BY TNC (P&I)	Department of Civil Engineering
21.	7 May 2014	BENKEL WEB 2.0 FOR TEACHING & LEARNING	Department of Mechanical and Manufacturing Engineering
22.	16 May 2014	ACADEMIC SEMINAR WITH PROF TAPAN K SARKAR, PRESIDENT OF IEEE-APS	Department of Electrical and Electronic Engineering
23.	19 May 2014	SEMINAR BY PRO K. BASKARAN, DEAKING UNIVERSITY AUSTRALIA : "INTEGRATED WATER MANAGEMENT & CLIMATE VARIABILITY IN AUSTRALIA"	Department of Civil Engineering
24.	20 May 2014	COMPUTER AIDED QUALITATIVE DATA ANALYSIS	Department of Chemical Engineering and Energy Sustainability
25.	21 May 2014	SITE VISIT TO KUCHING CENTRALISED WASTEWATER TREATMENT PLANT	Department of Civil Engineering
26.	27 May 2014	MIND YOUR OWN (ACADEMIC) BUSINESS	Department of Electrical and Electronic Engineering
27.	28 May 2014	A NEW GEOMETRICAL APPROACH TO SOLVE INVERSE KINEMATICS OF HYPER REDUNDANT ROBOTS WITH VARIABLE LINKS LENGTH BY MDM ANNISA JAMALI	Department of Mechanical and Manufacturing Engineering
28.	28 May 2014	ALGORITHM FOR ROBOT	Department of Mechanical and Manufacturing Engineering
29.	9 June 2014	BENKEL CURRICULUM REVIEW	Department of Chemical Engineering and Energy Sustainability

30.	9-13 June 2014	PROGRAM TRANSFORMASI MINDA (KUMPULAN PENGURUSAN DAN PROFESIONAL)	Department of Civil Engineering
31.	17 June 2014	HOW TO PUBLISH IN HIGH IMPACT INTERNATIONAL JOURNALS	Department of Chemical Engineering and Energy Sustainability
32.	23 June 2014	BENGKEL SEMAKAN KURIKULUM PROGRAM AKADEMIK UNIMAS	Department of Chemical Engineering and Energy Sustainability
33.	25 June 2014	EFFECT OF HOLLOW PES-PVP-AG ON 5 TYPES OF BACTERIA BY MR KHAIRUL ANWAR MOHD SAID	Department of Chemical Engineering and Energy Sustainability
34.	17 July 2014	CERAMAH PENGENALAN GST (GOVERNMENT SERVICE TAX)	Department of Civil Engineering
35.	17 July 2014	SEMINAR ON ASSESSING AFFECTIVE DOMAIN IN ENGINEERING EDUCATION	Department of Electrical and Electronic Engineering
36.	17 July 2014	ASSESSING AFFECTIVE AND SOFT SKILLS	Department of Chemical Engineering and Energy Sustainability
37.	17 September 2014	MATERIALS CHARACTERIZATION WORKSHOP SERIES 1 : XRD, DSC, DMTA, SEM AND EDX	Faculty of Engineering and CALM
28.	9 October 2014	TAKLIMAT AUTONOMI BERSAMA NC	Department of Mechanical and Manufacturing Engineering
29.	23 October 2014	UNDERSTANDING LEARNER DIVERSITY TO BOOST TEACHING AND LEARNING ENVIRONMENT	Department of Civil Engineering
30.	27 October 2014	DIALOGUE SESSION WITH THE DEPUTY PRIME MINISTER OF MALAYSIA AND MINISTER OF EDUCATION MALAYSIA	Department of Civil Engineering
31.	29 October 2014	SEMINAR 'I THINK THEREFORE I'M DANGEROUS, OF ACADEMIC EXPRESSION AND PERSECUTION	Department of Mechanical and Manufacturing Engineering
32.	18 – 19 November 2014	BENGKEL LATIHAN AUDITOR AKADEMIK	Department of Mechanical and Manufacturing Engineering
33.	21-22 November 2014	WORKSHOP ON HFMC MODULE DEVELOPMENT	Department of Civil Engineering
34.	4 December 2014	INDUSTRIAL ADVISORY PANEL FOR THE 2014/2015 SESSION	Department of Civil Engineering

10 STUDENT'S ACTIVITIES

No	Date	Activities	Venue	Organizer
1.	12-14 March 2014	Lawatan Teknikal ke Universiti Malaysia Sabah (UMS) dan Cement Industries (M) Sabah	Sabah	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
2.	22-29 March 2014	"Program Jatidiri" Department of Civil Engineering	Ruang Serbaguna, FK	Department of Civil Engineering
3.	3 April 2014	Pilihanraya SAFE 2014	Fakulti Kejuruteraan	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
4.	05-08 April 2014 (G1) & 09 - 12 April 2014 (G2)	Engineering Survey Camp 2014	Siar Beach	Department of Civil Engineering
5.	21-25 April 2014	Green Week 2014	Faculty of Engineering	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
6.	24 April 2014	School Adoption Programme (1)	Sekolah Menengah Sains Kuching Utara	IEM-SAFE Unimas Student Section
7.	25 April 2014	Blood Donation Campaign	Faculty of Engineering	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
8.	26 April 2014	Program Motivasi Pelajar Tahun 6,	Sekolah Kebangsaan Abang Kadir, Gedong, Simunjan, Samarahan	Department of Chemical Engineering & Energy Sustainability
9.	30 April 2014	<i>SAFE AGM</i>	Faculty of Engineering	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
10.	May 2014	KESUMAS	UNIMAS	Persatuan Pelajar Fakulti Kejuruteraan

				(SAFE) & IEM-SAFE UNIMAS Student Section
11.	2 May 2014	School Adoption Programme (2)	SM St Mary & SK Kpg Melayu	IEM-SAFE Unimas Student Section
12.	14 May 2014	Lawatan Teknikal ke Hornbill Skyways	Hornbill Skyways	IEM-SAFE
13.	16 May 2014	Majlis makan malam Fakulti Kejuruteraan (HOLLYWOOD NITE)	Sarawak Rivercruise	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
14.	16 May 2014	Site Visit to Bengoh Dam (KNS4193 Water Resources & KNS4393 Hydraulic Structures)	Bengoh Dam	Department of Civil Engineering
15.	17 May 2014	Chemical Engineering Night 2014	Grand Margherita Hotel	Department of Chemical Engineering & Energy Sustainability
16.	21 May 2014	Site Visit to Kuching Centralised Wastewater Treatment Plant (KNS3233 Water & Wastewater Engineering)	Pending Kuching	Department of Civil Engineering
17.	22 May 2014	Lawatan ke Linde Industrial Gas Sdn Bhd	Kuching	Department of Chemical Engineering & Energy Sustainability
18.	24-26 August 2014	Program Kem Kesedaran Alam Sekitar 2014 (KeKAS 2014)	Taman Negara Bako	Jabatan Alam Sekitar, Sarawak dan Petronas Carigali Sdn Bhd / Department of Chemical Engineering & Energy Sustainability
19.	5 September 2014	Hari Bersama Fakulti Kejuruteraan Sesi 2014/2015	DETAR	Fakulti Kejuruteraan
20.	10-14 September 2014	Lawatan Muhibbah UNTAN (Universitas Tanjungpura Pontianak)	Pontianak, Indonesia.	IEM-SAFE UNIMAS Student Section
21.	20 September 2014	Hari Aluan Pelajar Fakulti Kejuruteraan	Faculty of Engineering	Persatuan Pelajar Fakulti

Sesi 2014/15				Kejuruteraan (SAFE)
22.	12 October 2014	Engineering Week 2014	Faculty of Engineering	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
23.	1 November 2014	Hari Sambutan Graduan Fakulti Kejuruteraan	Faculty of Engineering	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
24.	21 November - 3 December 2014	Piala Dekan 2014	Kompleks Sukan UNIMAS	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)
25.	7 – 10 December 2014	Lawatan ke UCTS	Sibu	Persatuan Pelajar Fakulti Kejuruteraan (SAFE)

10.1 COMPETITIONS AND AWARDS

No	Student Name	Program	Award	Category	Year
1.	Abu Bakar Bin Umar Syarifudin	Dept of Mechanical & Manufacturing Engineering	i-ENVEX 2014 (International Engineering Invention and Innovation Exhibition 2014)	Bronze	11 April 2014 - 13 April 2014
2.	Lee Meng Chuen, Barnarby Vyner Anak Silvester Ragam, Nurhanna Zulaikha Bt Ishank, Christine Maria Lee	Dept of Mechanical & Manufacturing Engineering	i-ENVEX 2014 (International Engineering Invention and Innovation Exhibition 2014)	Gold and Leading Innovation Award International Intellectual Property Network Forum	11 April 2014 - 13 April 2014
3.	Mohd Hisyamuddin Bin Sulaiman	Dept of Mechanical & Manufacturing Engineering	i-ENVEX 2014 (International Engineering Invention and Innovation Exhibition 2014)	Bronze	11 April 2014 - 13 April 2014
4.	Nur Atiqah Nadia Bt Remmy Iskandar	Dept of Mechanical & Manufacturing Engineering	i-ENVEX 2014 (International Engineering Invention and Innovation Exhibition 2014)	Bronze	11 April 2014 - 13 April 2014
5.	Siti Nazirah Bt Abdullah	Dept of Mechanical & Manufacturing Engineering	i-ENVEX 2014 (International Engineering Invention and Innovation Exhibition 2014)	Bronze	11 April 2014 - 13 April 2014
6.	Siti Nazirah Bt Abdullah, Boon Sie Cha, Ivy Elora George, Mcmaygray Ewington Anak Achu	Dept of Mechanical & Manufacturing Engineering	i-ENVEX 2014 (International Engineering Invention and Innovation Exhibition 2014)	Gold	11 April 2014 - 13 April 2014
7.	Tan Wai Kong	Dept of Mechanical & Manufacturing Engineering	i-ENVEX 2014 (International Engineering Invention and Innovation Exhibition 2014)	Bronze	11 April 2014 - 13 April 2014
8.	Tigang Anak Doris Debong, Mohd Isfihar Izwan B Hazmi	Dept of Mechanical & Manufacturing Engineering	i-ENVEX 2014 (International Engineering Invention and Innovation Exhibition 2014)	Silver	11 April 2014 - 13 April 2014

Exhibition 2014					
9.	Chiew Siew Yieng	Dept of Civil Engineering	Anugerah Tesis Terbaik IPTA Peringkat Kebangsaan Siswazah Sarjana Muda 2013 Sempena Hari Air Sedunia 2014 Peringkat Kebangsaan	Bronze	2 April 2014
10.	Amy Sahida Binti Soetarman	Dept of Electrical & Electronic Engineering (EK)	IEM Gold Medal Award 2013/2014	Best final year engineering student	19 April 2014
11.	Nur Rahmatul Aesya Binti Norizan	Dept of Civil Engineering	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
12.	Mohd Nasrullah Bin Omar	Dept of Civil Engineering	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
13.	Mohammad Hafiz Bin Shamsol Anuwar	Dept of Electrical & Electronic Engineering (ET)	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
14.	Amirul Asrab Bin Hamzi	Dept of Electrical & Electronic Engineering (ET)	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
15.	Amy Sahida Binti Soetarman	Dept of Electrical & Electronic Engineering (EK)	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
16.	Faten Ateeqah Binti Othman	Dept of Electrical & Electronic Engineering (EK)	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
17.	Mohammad Ashaari Bin Kiprawi	Dept of Mechanical & Manufacturing Engineering	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
18.	Nurhanna Zulaikha Binti Ishak	Dept of Mechanical & Manufacturing Engineering	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
19.	Siti Khadijah Binti Hajon	Department of Chemical Engineering and Energy	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014

Sustainability					
20.	Tiara Afira Binti Julaihi	Department of Chemical Engineering and Energy Sustainability	Anugerah Kecemerlangan Zecon 2014	Anugerah Akademik Fakulti	24 October 2014
21.	Er Hauzhi	Dept of Civil Engineering	National Geofest 2014	Best Poster Award and Bronze Medal Award (Project)	5 - 6 November 2014
22.	Nurul Izzati bt. Ahmat @ Ibrahim	Dept of Civil Engineering	National Geofest 2014	Best Poster Award and Bronze Medal Award (Project)	5 - 6 November 2014
23.	Phillip ak. Owen	Dept of Civil Engineering	National Geofest 2014	Best Poster Award and Bronze Medal Award (Project)	5 - 6 November 2014





11 LIST OF ACADEMIC STAFF & QUALIFICATIONS

No.	Name	Qualifications	Professional Membership
1.	Professor Dr Wan Hashim Wan Ibrahim	<p>PhD (Civil Engineering) (Purdue University)</p> <p>MSc (Civil Engineering) (Purdue University)</p> <p>BSc (Civil engineering) (Purdue University)</p>	<p>BEM : 26451A</p> <p>Graduate Member of the Institution of Engineers Malaysia (Membership No. 18054) since 1997.</p> <p>Ordinary member of The Road Engineering Association of Asia&Australasia (Membership No. o.1889) Since 1998</p> <p>Associate Member of The Institute of Transportation Engineers, U.S.A. (since 1997)</p> <p>Member of The Road Engineers Association of Malaysia (REAM) since 1998</p> <p>Member of the Technical Committee for The 'Road Engineering Association Malaysia' REAM in the Field of Traffic Engineering</p> <p>Transportation Science Society Malaysia (TSSM), Member since 1998</p> <p>National Panel Reviewers for Al-Jazari International Journal of Civil Engineering UiTM Shah Alam, Vol. 1 Issue 1, January 2006, ISSN 1823-7681</p> <p>National Technical Advisory Committee for International Seminar on Civil Engineering and Infrastructure Engineering 2006 ISCIE '06, 13 & 14 June 2006, Universiti Teknologi Mara Shah Alam, Malaysia.</p>

2.	Professor Ir. Dr Law Puong Ling	<p>Post-Doctoral (United States Environmental Protection Agency, RTP, NC, USA) ScD (Environmental) (University of Massachusetts, USA) MSc (Environmental) (University of Massachusetts, USA) MSc (Civil) (University of Massachusetts, USA) BSc (Civil) (University of North Dakota, USA)</p>	<p>BEM : 12272 IEM : Civil 23070 - Corporate Member Registered Professional Engineer (PEng) with Board of Engineers Malaysia (12272 Civil) Registered EIA Consultant & Subject Consultant with DOE, (CS0607) Registered Environmental Consultant with NREB, Sarawak (NREB/I/00334)</p>
3.	Professor Dr F.J. Putuhena	<p>PhD (Civil Engineering)(State University of New York at Buffalo, USA) MSc (Engineering Hydrology) (New Castle upon Tyne, UK) Ir. (Civil Engineering)(University of Indonesia, Jakarta)</p>	<p>Indonesian Association of Hydraulic Engineers No.020720 Indonesian Association of Hydraulic Engineers (1996 - Today) Indonesian Association of Surveyor (1990 - 2001) Urban & Regional Information System Association (Urisa)-USA (1994 - 1997) American Society for Photogrammetry & Remote Sensing (1992 - 1996)</p>
4.	Professor Dr Ng Chee Khoo	<p>Ph.D. (National University of Singapore) B.Eng. (Hons.) Civil (UTM)</p>	<p>Graduate Engineer – Board of Engineers, Malaysia (BEM) Graduate Member – The Institution of Engineers, Malaysia (IEM)</p>
5.	Professor Dr Shenbaga Rajaratnam Kaniraj Jeyachandran	<p>Ph.D. (Geotechnical Engineering) (Indian Institute of Science, Bangalore) M.Eng (Soil Mechanics and Foundation Engineering) (Indian Institute of Science, Bangalore)</p>	<p>Affiliate Member American Society for Civil Engineers, U.S.A. Member, Indian Geotechnical Society</p>

		M.Tech (Systems and Management) (Indian Institute of Technology, Delhi) B.Eng (Civil Engineering) (Madras University, India)	
6.	Professor Dr Md Abdul Mannan	PhD (Civil Engineering) (Universiti Malaysia Sabah) MSc (Civil Engineering) (Universiti Kebangsaan Malaysia) BSc (Civil Engineering) (Rajshahi University, Bangladesh)	IEB, Fellow, F/9586 MSSA: AM-0031 Fellow, The Institution of Engineers Bangladesh (IEB) Associate Member, Malaysian Structural Steel Association (MSSA)
7.	Associate Professor Dr Mohammad Ibrahim Safawi Mohd Zain	PhD (Concrete) (Tohoku University, Japan) MEng (Fluid Mechanics) (Centerbury University) BEng (Hons) (Civil & Structural) (Sheffield University)	BEM : 22566
8.	Associate Professor Dr Azhaili Baharun	PhD (Building Engineering – Energy Efficiency) (University of Leeds, UK) BSc (Hons) (Civil Engineering) (University of Hartford, USA)	Registered BEM (BEM 43605A) Registered Environmental Consultant, Sarawak (NREB/ I / 00659)
9.	Associate Professor Dr. Nasser Rostam Afshar	PhD (Civil Engineering- Hydraulic Structure) (Roorkee University- India) M.Eng(Engineering Hydrology)(School of Hydrology , Roorkee University India) B.Tec(Agricultural Engineering)(P.A.U Ludhiana India)	
10.	Associate Professor Dr Siti Noor Linda Taib	PhD (Geotechnical Engineering)(University of Manchester, United Kingdom) BSc (Civil Engineering) (Case Western Reserve University, Ohio, USA)	BEM : 49452A IEM : G28840 Graduate member of BEM

11.	Dr Delsye Teo Ching Lee	PhD (Civil Engineering) (Universiti Malaysia Sabah) BEng (Civil and Construction) (Curtin University of Technology, Perth, Australia) DipEng (Civil Engineering) (Inti College Sarawak, Malaysia)	BEM : 38838A IEM : G23436 Graduate Member of Institution of Engineers Malaysia (IEM) Graduate Member of Board of Engineers Malaysia (BEM) Life Member of Asian Center for Engineering Computations and Software (ACECOMS) Life Member of the Concrete Society of Malaysia (PERKOM)
12.	Dr Norazzlina M. Sa'don	PhD (Civil Engineering)(University of Auckland, New Zealand) MSc (Distinction) Civil Engineering, Cardiff University, Wales, UK. BEng (Honours) Civil Engineering, Universiti Malaysia Sarawak.	BEM : 33626 Graduate member of BEM
13.	Dr Onni Suhaiza Selaman	PhD (Engineering Hydrology), UNIMAS. MEng (Engineering Management)(UTM) BEng (Hons)(Civil Engineering)(UTM) DipEng (Civil Engineering) (UTM)	BEM : 30057A IEM : 20946 Graduate Member, Board of Engineers, Malaysia (30057A, 27 Okt 1998) Graduate Member, Institution of Engineers, Malaysia (20946, 19 Mac 2001)
14.	Dr Siti Halipah Ibrahim	PhD (University of Leeds, UK) M.Sc (Housing) (University of Science Malaysia, Penang) B.Sc.(HBP) (University of Science Malaysia, Penang)	
15.	Dr Gaddafi Ismaili	PhD (Civil & Structural Engineering) (Universiti Sains Malaysia, Penang) MSc (Distinction) (Safety, Health & Environment Engineering) (Universiti Teknologi Malaysia,	BEM : 54864A IEM : G34314

		<p>Kuala Lumpur) MSc (Structural Engineering) (Universiti Sains Malaysia, Penang) BEng (Hons) (Civil Engineering) (Universiti Malaysia Sarawak, Kota Samarahan) DipEng (Civil Engineering) (Universiti Teknologi MARA, Kota Samarahan)</p> <p>PgDip (Teaching & Learning) (Universiti Malaysia Sarawak, Kota Samarahan) PreSci (Physics) (Institut Teknologi MARA, Semariang)</p>	
16.	Dr Abdul Razak Abdul Karim	<p>PhD (Civil Engineering)(University of Auckland, New Zealand) MSc Structural Engineering, Cardiff University, Wales, UK. BEng (Hons) Civil Engineering, Universiti Malaysia Sarawak.</p>	<p>BEM : 34227</p> <p>Graduate member of BEM</p>
17.	Ir. Dr Ting Sim Nee	<p>PhD (Curtin University) MEng (Engineering Management) (RMIT University, Melbourne) BEng (Hons) (Civil Engineering) (University of Melbourne) Victorian Certificate of Education (Wesley College, Melbourne)</p>	<p>BEM : 13892</p> <p>IEM : 23438</p>
18.	Dr Mohamad Raduan Kabit	<p>Ph.D (School of Civil Engineering, University of Queensland, Australia) MSc. In Transport Planning and Engineering (University of Southampton, U.K.) BEng (Hons)(Civil Engineering)(Universiti Malaysia Sarawak, Malaysia)</p>	<p>BEM : 55632A</p> <p>Road Engineering Association of Asia and Australasian (REAAA)</p> <p>Board of Engineers Malaysia (BEM)</p> <p>Transportation Science Society Malaysia (TSSM)</p> <p>Road Engineering Association of Malaysia (REAM)</p>

19.	Dr Fauzan Sahdi	PhD (Geotechnical Engineering) (The University of Western Australia) BEng (Civil Engineering) (UNIMAS)	BEM : 55127A BEM and IEM
20.	Dr Idawati Ismail	PhD (University of Melbourne) MEng (Civil and Structure) (UTM, Johor) BEng (Hons) (Civil Engineering) (UTM, Johor)	
21.	Dr Darrien Mah Yau Seng	Post-Doc (USM) PhD (Water Resources Engineering) (UNIMAS) MEng (By Research) (Civil Engineering) (UNIMAS) BEng (Hons) (Civil Engineering) (UNIMAS) Diploma in Civil Engineering (Politeknik Ungku Omar, Ipoh)	BEM : 44507 R IEM : G 24079 Board of Engineers Malaysia (BEM) Institution of Engineers, Malaysia (IEM) IEM – Young Engineers Section
22.	Dr Leonard Lim Lik Pueh	PhD (Environmental Geotechnics) (Cantab) MEng (Civil - Environmental Management)(UTM) BEng (Civil - Environmental)(UTM)	BEM : 46408A IEM : 25755 Graduate Member BEM Graduate Member IEM
23.	Dr Raudhah Ahmadi	PhD (University of Sheffield, UK)MSc (Distinction) (Structural Engineering) (University of Sheffield, UK) BEng (Hons) (Civil Engineering) (UNIMAS)	
24.	Charles Bong Hin Joo	PhD (Urban Drainage Management) (USM) MEng (Civil-Hydraulics & Hydrology) (UTM) BEng (Hons) (Civil) (UNIMAS) Dip. (Civil) (Politeknik Kuching Sarawak)	BEM : 44508R IEM: G 23739

25.	Nor Azalina Rosli	MSc. (Environmental Engineering) (USM) BEng (Hons) (Civil Engineering) (USM)	
26.	Norsuzailina Mohamed Sutan	MSc (Structural Engineering and Construction)(UPM) BSc (Civil Engineering)(CSULB,USA)	BEM : 37011 A ASCE
27.	Rohaida Affandi	MSc (Construction Management) (UTM) BSc (Construction Management) (UTM)	
28.	Zamri Bujang	MSc (Highway and Transport Engineering) (University Putra Malaysia) Bachelor (Hons.) (Surveying Science and Geomatic) (Universiti Teknologi MARA)	
29.	Abd Azim Abdullah	MEngSc (Structural Engineering) (University of New South Wales) BEng (Hons) (Civil Engineering) (UKM)	BEM : 51574A Registered with Board of Engineers, Malaysia (BEM)
30.	Ahmad Kamal Abdul Aziz	MEng (Geotechnical Engineering)(University of Manchester) BEng (Hons)(Civil Engineering)(University Teknologi Mara)	
31.	Azida Rashidi	MEng (Civil) (Uni of Canterbury) BEng (Hons) (Civil) (Salford University)	
32.	Dygku Salma Awg Ismail	MSc. (Geotechnique)(UiTM, Shah Alam) BEng (Hons)(Civil Engineering)(UiTM, Shah Alam) Dip (Civil Engineering) (UiTM, Kota Samarahan)	BEM : 52619A

33.	Rosmina Ahmad Bustami	MEng Civil Engineering (Hydraulics) (UNIMAS) BEng (Hons)(Civil Engineering)(UNIMAS)	BEM : 62077 R
34.	Ron Aldrino Chan @ Ron Buning	MSc (Road Management and Engineering) (with merit) (University of Birmingham) BEng (Hons) (Civil) (UNIMAS) Diploma (Civil Engineering) (UTM)	IEM : G 29605
35.	Professor Dr Amir Azam Khan	Palmes Academiques, TWAS Laureate 2001 PhD (Materials and Surface Engineering) (University of Limoges, France) Masters ((Materials and Surface Engineering) (University of Limoges, France) BEng (Metallurgical Engineering and Materials Science), (UET, Pakistan)	
36.	Professor Dr Sinin bin Hamdan	PhD Materials Mechanics (Loughborough England) M Sc (Welding) (Brunel University of West London) BSc (Hons) (Physics) (UKM)	
37.	Associate Professor Dr M. Shahidul Islam	PhD (Manufacturing Operations) (Dublin City University, Ireland) MEng (Industrial and Production Engineering) (Bangladesh University of Engineering & Technology) B.Sc (Mechanical Engineering) (Bangladesh University of Engineering & Technology)	Professional Engineering Fellow: Institution of Engineers, Bangladesh Professional Engineering Fellow: Bangladesh Society of Mechanical Engineers.
38.	Associate Professor Dr Abu Saleh Ahmed	PhD (Energy) (Kyoto University, Kyoto) MEng (Mechanical) (UM, Kuala Lumpur) BScEng (Hons) (Mechanical) (BUET, Dhaka)	Member of Institute of Engineers Bangladesh (MIEB)

		Member of Institute of Engineers Bangladesh (MIEB)	
39.	Prof Madya Dr Abdullah Yassin	BEng (Hons) (Mechanical engineering and Materials) (UKM) MSc (Computer Integrated Manufacturing) (Loughborough University) Dr. Eng (Marchhining) (Kanazawa University)	BEM : 70682A JSPE
40.	Dr Mohd Danial Ibrahim	Dr. Eng (Science & Technology) (Tokai University, Japan) MEng (Mechanical Engineering) (Tokai University, Japan) BEng (Hons) (Mechanical Engineering) (Tokai University, Japan) MIEM	BEM : GE52109A IEM (Mechanical) 29739 Corporate Member Board of Engineers Malaysia (Professional Engineer) Institute of Engineers Malaysia (Corporate Member) Japanese Society of Mechanical Engineers (Member) Japanese Society of Tribologist (Member) Japan Society for Design Engineering (Member) ASEAN Federation of Engineering Organizations (Associate Asean Engineer)
41.	Dr Magdalene ak Andrew.Munot	PhD (Remanufacturing). (Monash University, Australia) MSc (Manufacturing System Engineering) (UPM) BEng (Hons) (Chemical & Bio Process Engineering) (Bath University, UK)	BEM : GE42852
42.	Prof Madya Dr Syed Tarmizi Syed Shazali	MSc (Eng) (Advanced Manufacturing Systems) (Liverpool) BEng (Hons) (Mechanical) (UiTM)	BEM : GE29445A Board of Engineers Malaysia (Registered Graduate Engineer)

		Diploma in Mechanical Eng (UTM)	Institution of Engineers Malaysia (Student Member)
43.	Dr Shahrol Mohamaddan	PhD in Ergonomics (Loughborough University, UK) MEng (Mechanical Engineering)(Shibaura Institute of Technology, Japan) BEng (Mechanical Engineering)(Shibaura Institute of Technology, Japan)	
44.	Dr Nicholas Kuan Hoo Tien	PhD (Engineering) (The University of Liverpool, UK) MSc (Advanced Engineering Materials) (The University of Liverpool, UK) BEng (Hons)(Materials Engineering) (Universiti Sains Malaysia)	BEM : GE49529 R IEM : G 27506
45.	Marini Sawawi	MEng (Mechanical Engineering) (UTM) BEng (Mechanical Engineering & Manufacturing Systems)(UNIMAS)	Graduate Member, BEM
46.	Ervina Junaidi	MSc (Mechanical Engineering)(University of Leeds, UK) BEng (Hons)(Mechanical and Manufacturing Systems Engineering)(UNIMAS) Dip. (Mechanical Engineering) (UTM)	BEM : 43045A
47.	Siti Nor Ain Musa	MEng (Mechanical System Engineering)(Gunma University, Japan) BEng (Mechanical System Engineering)(Gunma University, Japan)	BEM : 52808A IEM : G34860

48.	Annisa Jamali	Msc. In Mechatronics Engineering (International Islamic University Malaysia) BEng. (Hons) in Mechatronics Engineering (International Islamic University Malaysia)	BEM : 63088A
49.	Mohd Azrin Mohd Said	MSc. in Manufacturing System Engineering (Universiti Putra Malaysia, UPM) B.Eng (Hons) in Mechanical and Manufacturing Engineering (UNIMAS)	BEM : 65600A IEM : G60637 Board of Engineers Malaysia (Graduate Engineer)
50.	Mohd Fareez Edzuan Abdullah	Master of Engineering (Mechanical), Meiji University 2010-2012, Japan Bachelor of Engineering (Mechanical Informatics), Meiji University 2008-2010, Japan Diploma of Mechanical Engineering in Technical Japanese, Universiti Industri Selangor 2005-2008, Malaysia	BEM : 80282A
51.	Ahmad Adzlan Fadzli Khairi	MEng (Mechanical) (Ritsumeikan University, Japan) BEng (Mechanical) (Ritsumeikan University, Japan)	BEM : JS85047 - no pendaftaran sementara
52.	Noor Aliah Abdul Majid	BEng (Mechanical) (Meiji University, Japan) MEng (Mechanical) (Meiji University, Japan)	BEM : 80138A
53.	Mohd Syahmi Jamaludin	M.Eng (Mechanical System)(University of Takushoku, Japan) B.Eng (Mechanical System)(University of Takushoku, Japan)	BEM : 81239 A Board of Engineers Malaysia (Graduate Engineer)
54.	Muhamad Fadzli Ashari	M.Eng (Meiji University, Japan) B.Eng (Meiji University, Japan)	BEM : 79977A Board of Engineers Malaysia

			(Graduate Engineer)
55.	Rasli Muslimen	MSc. (Manufacturing)(Conventry,UK) BEng (Hons)(Mechanical Engineering - Aeronautic)(UTM, Skudai)	Board of Engineers Malaysia (Graduate Engineer)
56.	Ana Sakura Zainal Abidin	MSc. (Automotive Engineering)(Conventry, UK) BEng (Mechanical Engineering)(UTM, Skudai)	BEM : 55216R Board of Engineers Malaysia (Graduate Engineer)
57.	Hishammudin Afifi Huspi	Bachelor of Engineering (Mechanical), UTM Master of Engineering (Mechanical), UTM	BEM : 66272A
58.	Abg Mohd Aizuddin bin Abg Mohd Mohtar	MEng (Mechanical), UTM MEng in Acoustical Engineering (University of Southampton)	BEM: 68979A
59.	Professor Datuk Dr Khairuddin b. Ab. Hamid	PhD (Electronic Systems Engineering) (University of Essex,United Kingdom) MSc (Electrical Engineering) (University of Hawaii,USA) BEng (Hons.)(Electrical Engineering) (UTM)	
60.	Associate Professor Dr Al- Khalid Hj Othman	PhD (Digital Signal Processing - Underwater Acoustic Networks) (University of Newcastle, UK) MSc (Information Technology- Digital)(Nottingham University) BEng (Hons)(Electrical and Electronic Engineering)(Nottingham Trent University)	BEM : 31422A Board of Engineers Malaysia IEEE
61.	Associate Professor Dr Wan Azlan Wan Zainal	PhD (Computer Science & Communication) (Kyushu University, Japan)	BEM : 66682A Board of Engineers Malaysia

	Abidin	MEng (Telecommunication)(University of Technology Sydney, Australia BEng (Hons)(Electronics and Communication)(University of Bristol, UK)	(Graduate Engineer)
62.	Dr Thelaha Masri	PhD (Electrical Engineering) (UTM) MEng (Electronics & Telecommunication) (UNIMAS) BEng (Hons) (Electronics & Telecommunication) (UNIMAS) Dip. (Electrical Engineering) (UiTM)	BEM-GE72217R
63.	Dr Hushairi Zen	PhD in Engineering (Australia) MEng (Electronic and Telecommunication) (UNIMAS) BEng (Hons) (Electronic and Telecommunication) UNIMAS Dip. In Electrical Electronic Engineering (UiTM)	BEM : JS95914 Member, IEEE Communication Chapters
64.	Dr Kismet Hong Ping	PhD (Systems Science) (Nagasaki University, Japan) MSc (Digital Communication Systems) (Loughborough University, UK) BEng (Hons) (Electronics and Telecommunication Engineering) UNIMAS	BEM : 37017A Member, IEEE Communication Chapters
65.	Dr Lakshmanan a/l Gurusamy	PhD (Universiti Kebangsaan Malaysia) MSc (Universiti Kebangsaan Malaysia) Engineering Council Part II (Engineering Council, UK)	BEM : 33039R
66.	Dr Rohana Sapawi	PhD (Kyushu University, Japan) MSc (Microelectronics) (UKM) BEng (Hons) (Electrical and Electronics) (UPM)	Board of Engineers Malaysia (Graduate Engineer)

67.	Mohd Faizrizwan Mohd Sabri	MEng (Electronic)(La Trobe, AUS) BEng (Electric & Electronic)(Nagasaki, JPN)	BEM : 71933A Board of Engineers Malaysia (Graduate Engineer)
68.	Ng Liang Yew	MSc (Electrical Engineering) BSc (Electrical Engineering)	BEM : 37018A Board of Engineers Malaysia (37018A) Institute of Electrical and Electronics Engineers IEEE Malaysia (Executive Committee), 1999-2000
69.	Sharifah Masniah Wan Masra	MSc (Electronic)(Cardiff, UK) BEng(Hons) (Telecommunication)(UM)	BEM : 37014R
70.	Ir. David Bong Boon Liang	PhD (Electrical & Electronic Engineering) (USM) MSc (Computer Control & Automation) (NTU, Singapore) BEng (1st Class Hons)(Electrical Engineering)(UTM)	BEM : 13195 IEM : 17676 Board of Engineers, Malaysia (BEM) Institution of Engineers, Malaysia (IEM) The Institution of Electrical and Electronic Engineers (IEEE) International Association of Engineers (IAEng) The Institute of Electronics, Information and Communication Engineers (IEICE)
71.	Sakena Abdul Jabar	MPhil (Optical Communication Engineering) (University of Hertfordshire, Hatfield, UK) M.Sc (Optoelectronic Systems), MMU, Manchester, UK	Institute of Electronic and Electrical Engineering, (IEEE) International Optical Engineering Society, (SPIE)-

		B.Sc Hons (Industrial Physics), UTM, Skudai, Johor Diploma In Science, UITM, Shah Alam	Regular Member for Asia Pacific Region
72.	Dr Martin Anyi	PhD in Electrical Engineering (University of South Australia, Australia) MEng (Computer and Telecommunication)(UKM) BEng (Hons)(Electronics and Telecommunication)(UNIMAS) Dip. Eng (Electronics)(ITM)	Board of Engineers Malaysia (Graduate Engineer)
73.	Dr Ngu Sze Song	PhD (University of Glasgow, UK) MEng (Electrical Engineering)(University of Adelaide, South Australia) BEng (Hons)(Electronics Engineering)(Multimedia University, Cyberjaya)	Board of Engineers Malaysia (Member) Institute of Engineers Malaysia (Graduate Engineer) Institute of Electrical and Electronics Engineers (Member)
74.	Dyg Nur Salmi Dharmiza Awg Salleh	MEng (Electronics and Applied Physics) Tokyo Institute of Technology BEng (VLSI System Design) Ritsumeikan University	Board of Engineers Malaysia (Member)
75.	Norhuzaimin Julai	MSc (Advanced Electronic Engineering) (Warwick,UK) BEng (Hons)(Electrical and Computer Engineering) (Ohio State University)	
76.	Hazmi Hijazi Abdul Halim	M.Eng (Electrical and Electronic System) (Tokai University, Japan) B.Eng (Electrical and Electronic Engineering) (Tokai University, Japan)	

77.	Abdul Hafiz Abdul Karim	MEng (Electrical Electronic System Engineering) (Tokai University, Japan) BEng(Electrical Electronic Engineering) (Tokai University, Japan)	BEM : 79808A Board of Engineers Malaysia (Member)
78.	Azfar Satari Abdullah	BEng(Electronics & Telecommunication Engineering) (UNIMAS)	
79.	Associate Professor Dr Mohd Saufee Muhammad	DEng (DNA Computing) (Mayji University, Japan) MSc (Electrical) (Western Michigan University, US) BEng (Hons) (Electronic Computer System) (Salford University, UK) Diploma (Electrical Engineering - Power) (UTM, Malaysia)	BEM : 37012A
80.	Dr Tay Kai Meng	PhD in Electrical and Electronic Engineering, USM, Malaysia Master of Science in Electrical and Electronic Engineering, USM, Malaysia Bachelor of Engineering (Hons) in Electrical and Electronic, University of Hertfordshire, UK	Member of IAENG Society of Artificial Intelligence Member of IAENG Society of Computer Science Member of th IAENG Society of Industrial Engineering Member of IEEE Member of IEEE Computational Intelligence Society Member of KES Intelligent Systems Society Member of MyTRIZ Innovation Association Member of Machine Intelligence Research Labs Senior Member of International Association of Computer Science and Information Technology (IACSIT)

81.	Dr Nordiana Rajae	PhD (DNA Computing) (Meiji University, Japan) MSc (Microelectronics) (University of Newcastle Upon Tyne) BSc (Hons) Electronics and Information Engineering (Kyushu Institute of Technology)	BEM : 37013 Board of Engineers Malaysia (Graduate Engineer)
82.	Dr Siti Kudnie Sahari	MSc (Microelectronics)(Universiti Kebangsaan Malaysia) BEng (Hons)(Electronics and Telecommunication Engineering)(UNIMAS)	BEM : GE50652A
83.	Dr Shafrida Sahrani	DEng (Computer Science) (Tokyo University of Technology, Japan) M.Eng (Computer Sciences - Mobile Networks)(Tokyo University of Technology, Japan) B.Eng (Information Networks)(Tokyo University of Technology, Japan)	BEM - 52085A IEM - 30607 Board of Engineers Malaysia (Graduate Member) The Institution of Engineers Malaysia (Graduate Member) IEEE (Member) IEEE Antennas and Propagation Society IEEE Microwave Theory and Techniques Society
84.	Maimun Huja Husin	MEng (Electric - Mechatronics & Automatic Control) (UTM) BEng(Electronics & Telecommunication Engineering) (UNIMAS)	BEM : 57646A Member of BEM
85.	Asrani Lit	MEng (Electrical - Microelectronics & Computer System) (UTM) BEng (Hons) (Computer Engineering) (UTM)	BEM : 0816A Board of Engineers Malaysia (Graduate Engineer) IEEE (Institute of Electrical and Electronics Engineers)

86.	Shamsiah Suhaili	MSc. (Electrical & Electronic Engineering)(USM) BEng. (Hons)(Electrical & Electronic Engineering)(USM)	Board of Engineers Malaysia (Graduate Engineer)
87.	Professor Dr Hj. Mohammad Omar Abdullah @ Mak Khoon Ling	PhD (Mechanical & Manufacturing Eng.) (UH) (University of Hertfordshire, UK) M.Eng. (Petroleum Engineering) (UTM) B.Eng. (Hons) (Petroleum & Natural Gas Engineering) (UTM)	BEM : 75176A Member of the American Chemical Society (ACS). (since October 21, 2009) Chartered Engineer (CEng), The Institute of Mechanical Engineers (IMechE), U. K. (Since Sept 2004) Member, The Institute of Mechanical Engineers (IMechE), U. K. (Since Sept 2004) Member, American Society of Heating, Refrigerating and Air-conditioning Engineers, Inc (ASHRAE). (Since August 2004)
88.	Associate Professor Dr Khairuddin Sanaullah	PhD (Chemical Engineering) (University of Birmingham, UK) MSc (Nuclear Engineering) (Quaid-e-Azam University, Islamabad Pakistan) B.Eng (Chemical Engineering) (N.E.D University Karachi, Pakistan)	
89.	Dr Rubiyah Baini	PhD (Chemical Engineering - Drying Technology)(Aus) MSc. (Eng) (Process Safety and Loss Prevention)(UK) BEng (Chemical and Process Engineering)(UKM, Bangi)	BEM : 37019
90.	Dr Ivy Tan Ai Wei	PhD (Chemical Engineering) (USM) BEng (1st Class Honours) (Chemical Engineering) (UTM)	BEM : 60933A Associate Member, Institution of Chemical Engineers, UK

			(AMIChemE) Graduate Engineer, Board of Engineers Malaysia
91.	Dr Shanti Faridah Salleh	PhD (Chemical Engineering)UPM MSc (Advanced Process Eng) Loughborough Uni. BEng (Hons) (Chemical Engineering) Loughborough University	BEM : 43044A
92.	Dr Lim Soh Fong	PhD (Chemical Engineering) (National University of Singapore) BEng (1st Class Honours) (Chemical Engineering) (UTM)	BEM : 60360R American Institute of Chemical Engineers Board of Engineers Malaysia
93.	Dr Md Rezaur Rahman	PhD Polymer Engineering (University Malaysia Sarawak) M.Phil Polymer Engineering (BUET) M Sc (Advance Polymer Technology) (CU) BSc (Hons) (Chemistry) (CU)	Bangladesh Chemical Society
94.	Nazeri Abdul Rahman	MSc. (Thermal Power and Fluid Engineering)(UMIST,UK) BEng (High Hons) (Petroleum and Natural Gas Engineering) (New Mexico Tech, USA) Cert. (Practical Petroleum Engineering) (Eastern New Mexico, USA) Cert. (Lifelong Learning - Foreign Languages) (Sunderland, UK)	BEM : 37095A
95.	Mohd Farid bin Atan	M.Eng (Diplôme d'Ingénieur) (Chemistry and Process Engineering) (Ecole Supérieure de Chimie Physique et Electronique de Lyon, ESCPE Lyon, FRANCE) B.Eng (Hons) (Chemistry and	BEM : GE74164A Registered Engineer, Commission des Titres d'Ingénieur (CTI) France Registered Engineer

Process Engineering) (Ecole Supérieure de Chimie Physique et Electronique de Lyon, ESCPE Lyon, FRANCE)

(Graduate Engineer), Board of Engineers Malaysia (BEM)

96. **Nur Syuhada binti Ahmad Zauzi**

MSc (Polymer Engineering) (Universiti Sains Malaysia, USM, Malaysia)
BEng (Polymer Engineering) (Universiti Sains Malaysia, USM, Malaysia)

BEM : 78776A

Graduate Engineer, Board of Engineers Malaysia

97. **Ibrahim bin Yakub**

M.Eng (Chemical) (Universiti Kebangsaan Malaysia)
BEng (Chemical Engineering) (UPM)

BEM : 62509A

Board of Engineers Malaysia (Graduate Engineer)

98. **Mohamed Afizal bin Mohamed Amin**

MEng (Bioprocess) (Universiti Teknologi Malaysia, UTM)
BEng (Chemical) (Universiti Malaysia Pahang, UMP)

BEM : GE-81899-A

Graduate Engineer, Board of Engineers Malaysia.

99. **Khairul Anwar bin Mohd Said**

BEng (Chemical Engineering) (UMP)
MEng (Bioprocess) (Universiti Teknologi Malaysia, Malaysia)

Registered Engineer (Graduate Engineer), Board of Engineers Malaysia (BEM)
Registration No : 1213-070000-GE-83171A(90245)

100. **Prof Ir. Dr Andrew Ragai Henry Rigit**

BEng (Hons) (Mechanical Engineering) (The City University, UK)
MEng (Mechanical Engineering) (UNIMAS)
PhD (Mechanical Engineering) (University of London, UK)
DIC (Fluid Dynamics) (Imperial College London, UK)
Professional Engineer, Board of Engineers, Malaysia
Corporate Member, The Institution of Engineers, Malaysia

BEM : 12474

IEM : M17020

Professional Engineer (Mechanical), Board of Engineers, Malaysia.

Corporate Member, The Institution of Engineers Malaysia.

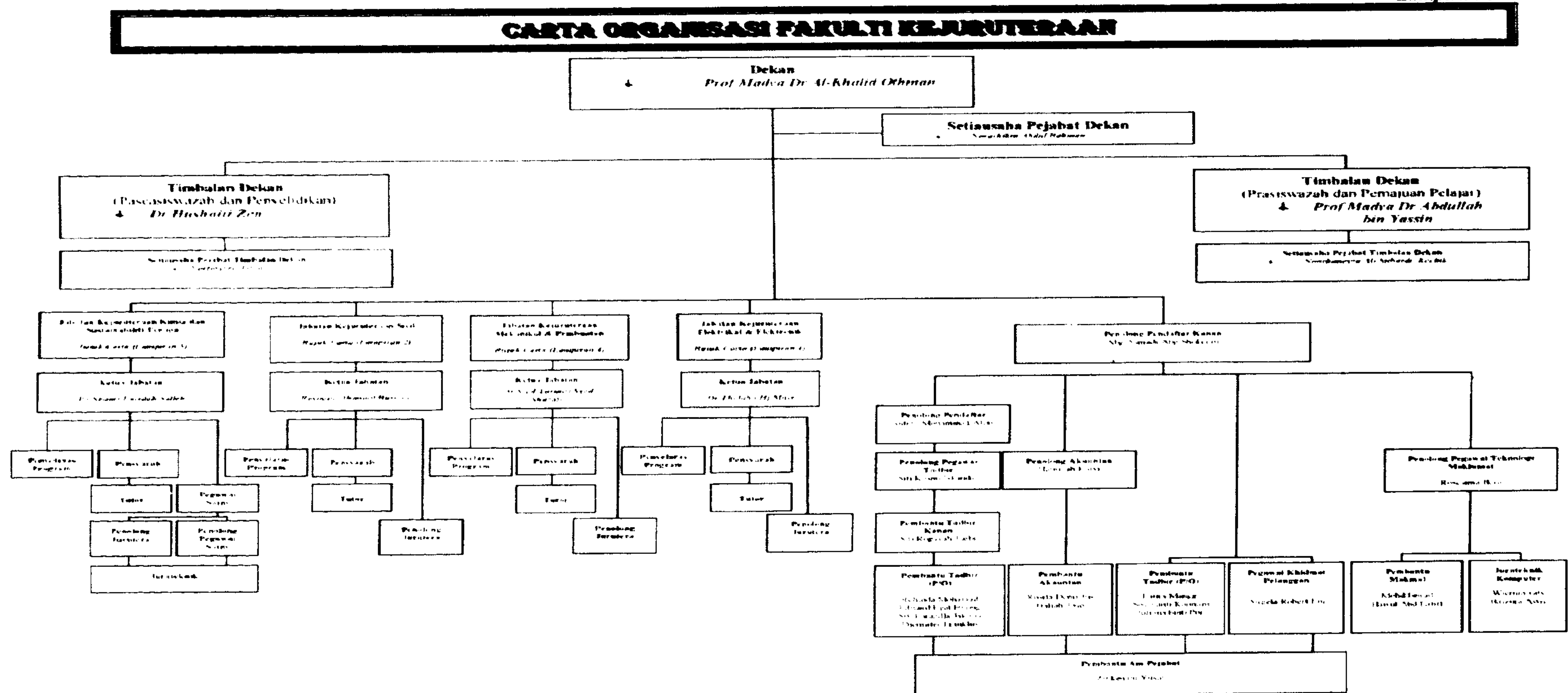
101.	Mahshuri Yusof	MSc (Materials for Engineering Applications) (University of Surrey, UK) BEng (Hons) (Mechanical Engineering and Manufacturing Systems) (Universiti Malaysia Sarawak, Malaysia)	BEM : 53784A
102.	Shirley ak Rufus	M.Eng. in Electrical, Universiti Tun Hussein Onn Malaysia (UTHM), 2012 B. Eng (Hons) in Electrical Engineering Universiti Teknologi Mara Malaysia (UiTM), 2007 Diploma in Electrical Engineering (Electronics), Universiti Teknologi Mara Malaysia (UiTM), 2004	BEM : GE-70978A
103.	Mohd Hafiez Izzwan bin Saad	M. Eng (Electrical - Power) (Universiti Teknologi Malaysia (UTM), Malaysia) B. Eng (Hons) (Electrical) (Universiti Teknologi Malaysia (UTM), Malaysia)	
104.	Ir Dr Pashobh Kumar Karunakaran	B.Sc Electrical Engineering South Dakota State University, USA M.Sc Economics, South Dakota State University, USA PhD Manufacturing Engineering (Automation), UNIMAS	BEM : 12250 IEM : 24829 EIU: CE0075 (Competent Engineer) AELB: RPO (Radiation Protection Officer) EIU: CH00726 (Chargeman L1,12)
105.	Nazreen Junaidi	M.Eng (Industrial Electronic & Control) (UM) B.Eng (Mechatronic) (Swinburne University of Technology) Dip. In Electrical Engineering (Telecommunication) (UTM)	

106.	Kuryati Kipli	MSc. (Electronic and Computer Engineering) (University of Birmingham, UK) BEng (Hons) (Electronic and Computer Engineering) (UNIMAS)	
107.	Dr Nur Tahirah Razali	PhD (Materials) (Japan Advanced Institute of Science and Technology, Japan) MEngSc (Mechanical) (University of New South Wales, Australia) BEng(Hons) (Mechanical Engineering and Manufacturing System) (UNIMAS)	
108.	Dr Dayang Azra Awang Mat	DEng. (Electronic Engineering- RF and MMwave) (Kyushu University) MEng. (Computer and Communication) (UKM) BEng (Hons) (Electronic and Telecommunication) (UNIMAS)	BEM : 54442R
109.	Dr Annie Joseph	Dr Eng (Electrical and Electronic Engineering), Kobe University, Japan MSc (Mathematics) (USM, Malaysia) BEng (Hons)(Electrical Engineering)(Kuittho, Malaysia)	
110.	Jethro Henry Adam	MSc (Environmental Engineering) (University of Newcastle upon Tyne) BEng (Hons) (Civil Engineering) (Universiti Sains Malaysia)	BEM : 34048R

12 ORGANIZATION CHART

12.1 FACULTY OF ENGINEERING

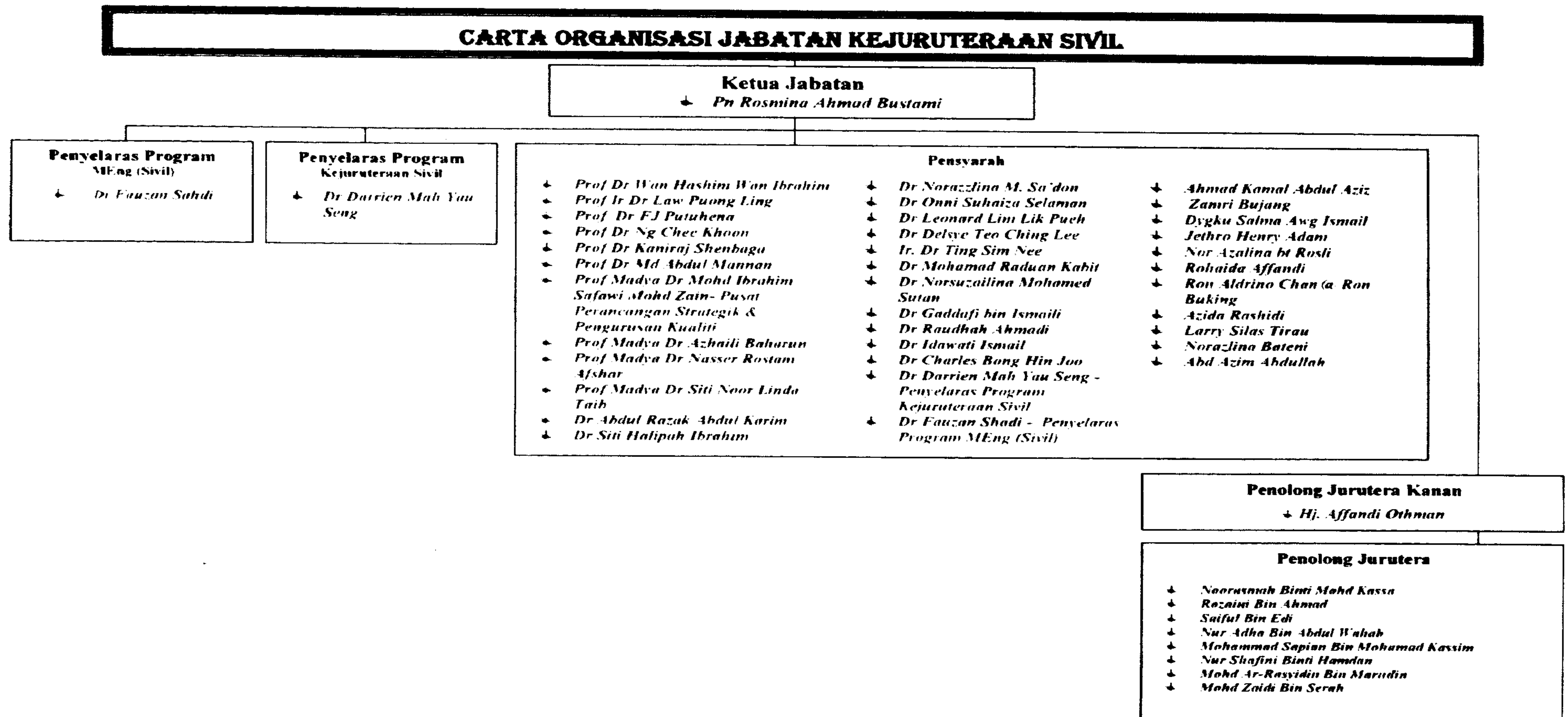
Lampiran 1



100

12.2 DEPARTMENT OF CIVIL ENGINEERING

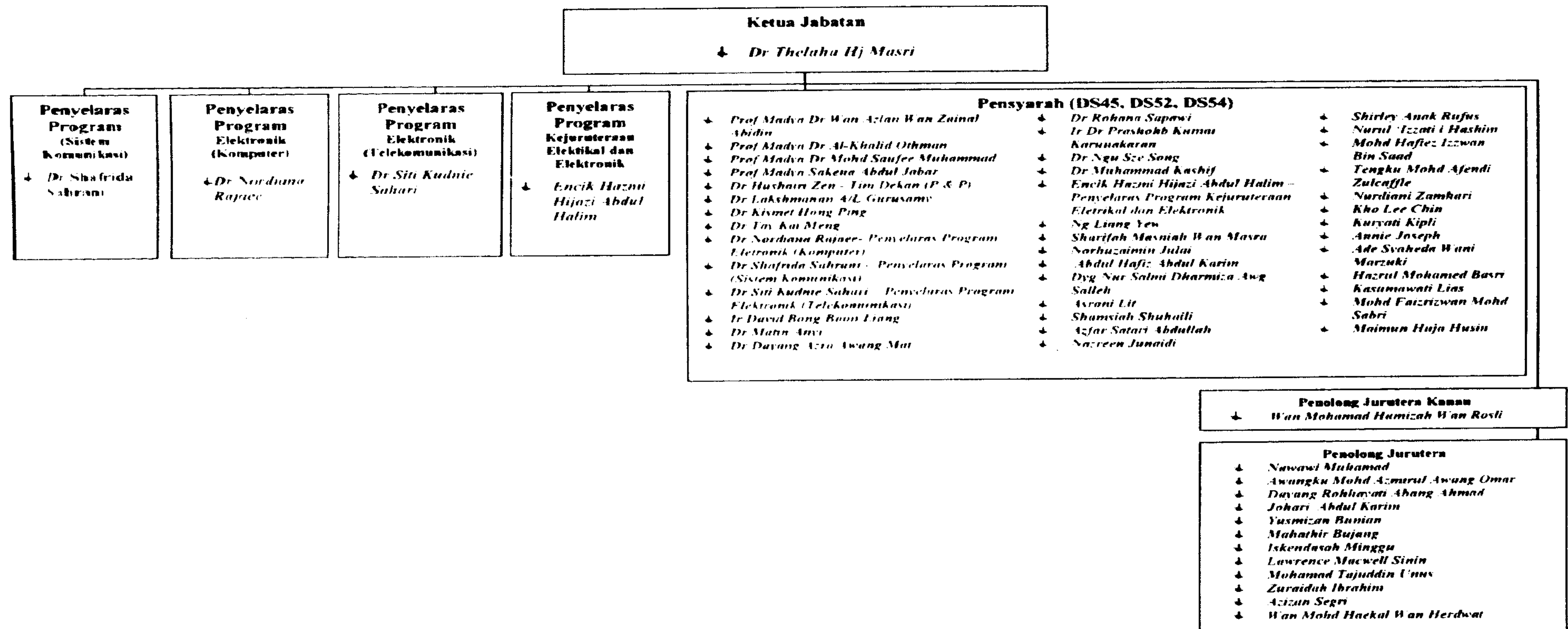
Lampiran 2



12.3 DEPARTMENT OF ELECTRICAL & ELECTRONIC ENGINEERING

Lampiran 4

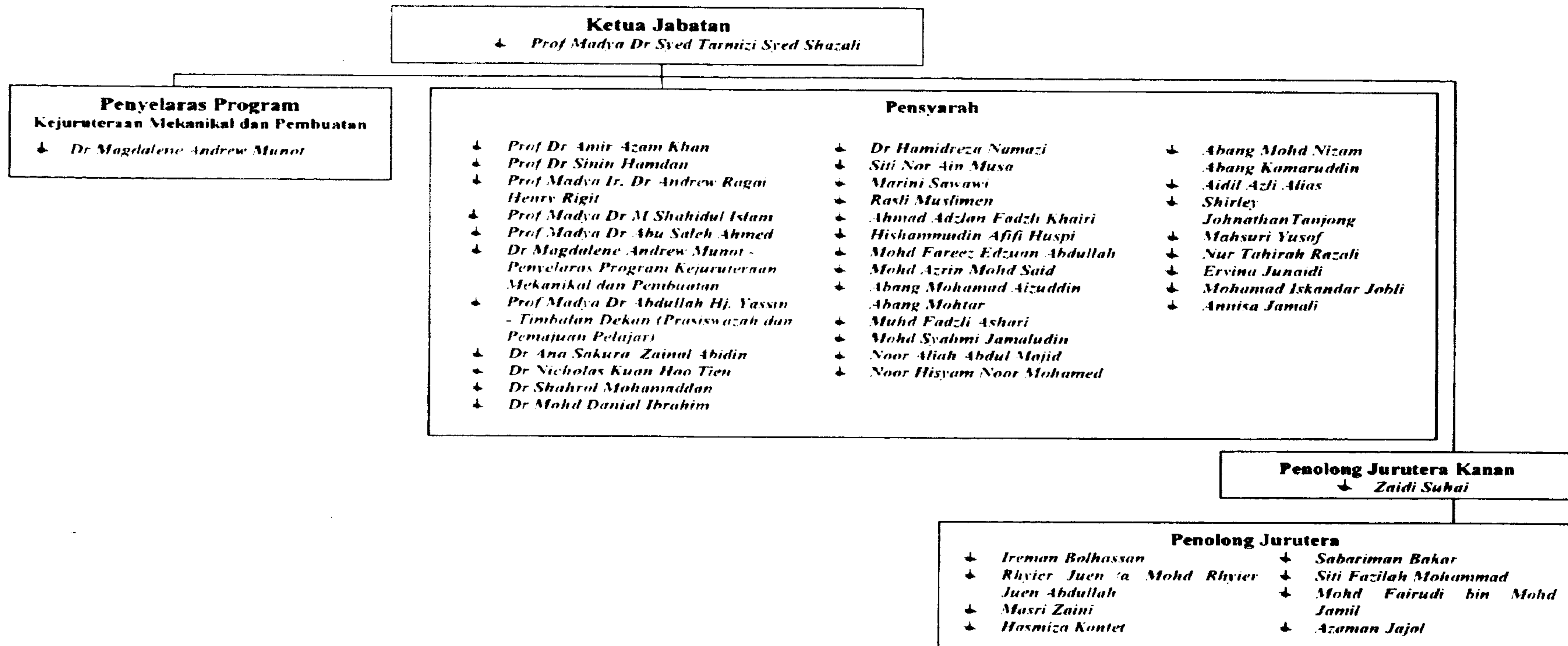
CARTA ORGANISASI JABATAN KEJURUTERAAN ELEKTRIKAL DAN ELEKTRONIK



12.4 DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

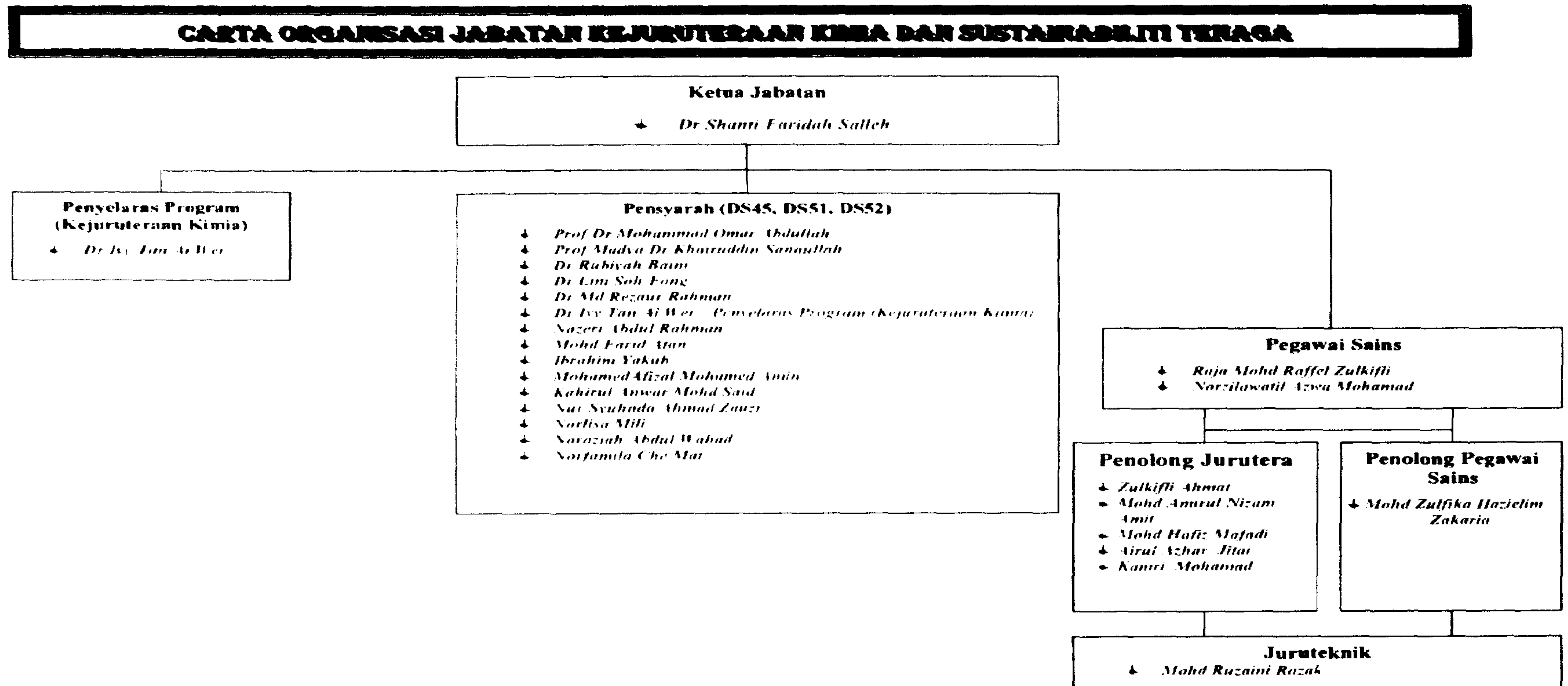
Lampiran 3

CARTA ORGANISASI JABATAN KEJURUTERAAN MEKANIKAL DAN PEMBUATAN



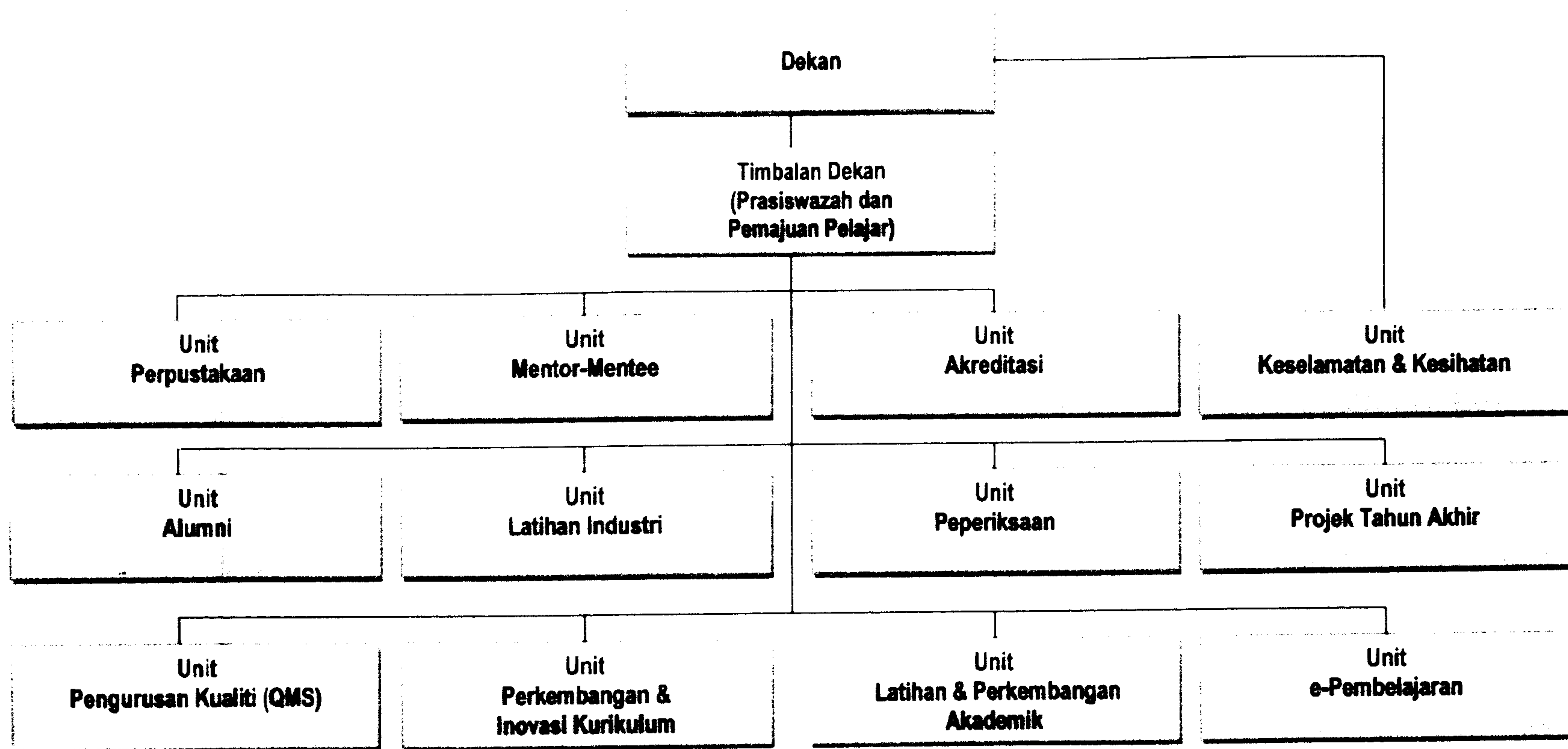
12.5 DEPARTMENT OF CHEMICAL AND ENERGY SUSTAINABILITY ENGINEERING

Lampiran 5

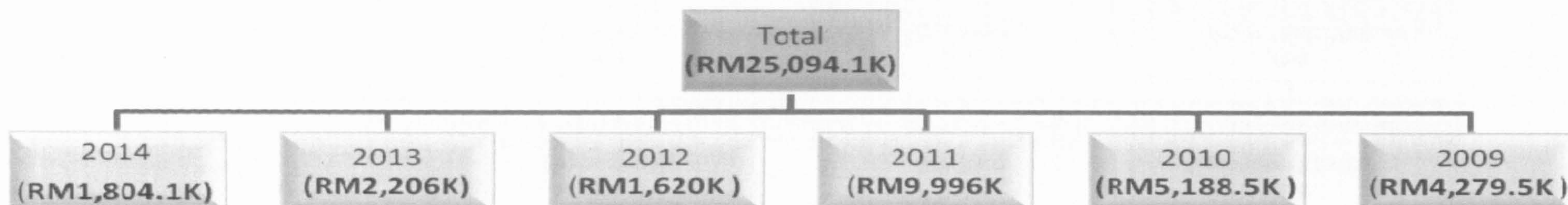


12.6 ACADEMIC MANAGEMENT COMMITTEE

CARTA ORGANISASI JAWATANKUASA UNIT PENGURUSAN AKADEMIK, FAKULTI KEJURUTERAAN



13 FINANCIAL REPORT



Kod Akaun	Butiran	Budget Amaun 2015 (Diluluskan) RM
21101	Perjalanan Dalam Negeri - Pengajaran & Pentadbiran	94,000.00
21103	Perjalanan Dalam Negeri - Latihan Industri	20,000.00
24501	Sewa Peralatan	19,000.00
26799	Bahan Kimia	172,000.00
27101	Suratkhabar & Majalah	4,000.00
27102	Alatulis & Lain-lain Bekalan Pejabat	75,000.00
27798	Bekalan Bahan Penyelidikan dan Pengajaran (Inventori)	397,000.00
27799	Bekalan Bahan Penyelidikan dan Pengajaran (Pakai Habis)	750,000.00
28901	Alat Pengajaran (Penyelenggaraan)	436,000.00
29103	Perkhidmatan Perundingan	60,000.00
29302	Syarahannya Sambilan	90,000.00
29411	Keraian Pejabat	30,000.00
29415	Cenderahati	8,000.00
	Jumlah (RM)	2,155,000.00

2014 MAJOR OUTCOMES AND QUICK WINS 2014-2015

No	Major Output 2014
1	Bachelor of Engineering with Honours (Civil Engineering) received accreditation award from Board of Engineers Malaysia (BEM) for 5 years (2014-2018)
2	Bachelor of Engineering with Honours (Mechanical and Manufacturing Engineering) received accreditation award from Board of Engineers Malaysia (BEM) for 5 years (2014-2018)
3	Bachelor of Engineering (Hons) in Electronics (Computer) received accreditation award from Board of Engineers Malaysia (BEM) for 3 years (2014-2016)
4	Bachelor of Engineering (Hons) in Electronics (Telecommunications) received accreditation award from Board of Engineers Malaysia (BEM) for 3 years (2014-2016)
5	Associate Professor Dr Abu Salleh Ahmed took home one Special Award Diamond Medal, one Gold Medal and one Bronze Medal at the 2014 British Invention Show held in London from 22 to 25 Oktober 2014.
6	Dr Danial Ibrahim from Mechanical and Manufacturing Engineering and team has won the Excellent Paper Award at the iCAAA 2014 (International Conference on Aquaculture, Agro Business Industry and Agritourism) held in Krabi, Thailand from Sept 26-27, 2014.

2014 NEWS PAPER CUTTING

Making UNIMAS proud again. 15 May 2014, New Sarawak Tribune

NEW SARAWAK TRIBUNE • THURSDAY MAY 15, 2014

9 • TribuneHome

Making UNIMAS proud again

KUCHING: The Faculty of Engineering has made Universiti Malaysia Sarawak (UNIMAS) proud once again.

A team from the Mechanical and Manufacturing Engineering Department of the faculty won eight medals and the "Leading Innovation Award" from the International Intellectual Property Network Forum at the International Engineering Invention and Innovation Exhibition (i-ENVEX 2014) held at UniMAP, Universiti Malaysia Perlis, recently.

The event was co-organised with the Malaysian Ministry of Science, Technology and Innovation Malaysia (MOSTI), Malaysian Ministry of Education (MoE), ENVEX Young Research Club (EYReC) and the Malaysian Invention and Design Society (MINDS).

i-Envex is an event which has strong international partnerships with agencies such as World Invention Intellectual Property Associations (WIIPA), Korean University Invention Association (KUIA) and Association of Young Innovator and Scientist Indonesia (AYISI).

The event, held from 11-13 April 2014, was an international expo participated by more than 10 countries, including Indonesia, Cambodia, Romania, Korea, Taiwan, India, Egypt, Croatia, Iraq,

Philippines, Ukraine, Armenia, Kazakhstan, Moldova, Georgia, Turkmenistan and Kyrgyzstan.

During the event, the Malaysia International Robot Competitions (MiRoC) 2014 were also conducted simultaneously in UniMAP.

There were altogether eight projects from UNIMAS; four were projects from the Mechanical and Manufacturing Engineering Department's Final Year Project funded by Faculty of Engineering and Ministry of Education Malaysia.

The two projects, which won the gold medals, were invented by the students for their departmental course offered in class under the subject "Integrated Design".

This innovative subject is a newly introduced subject for the Mechanical and Manufacturing Engineering Department's final year students.

Meanwhile, the "Hybrid-powered White Pepper Retting Machine with Pectinase from *Aspergillus sp. As Catalyst*" project was funded by the Faculty of Resource Science and Technology and Ministry of Education, a collaborative research project between Dr Daniah Ibrahim and Dr Azham Zulkarnain.

Dr Daniah was one of the invited jury in the event for the second consecutive year this time.

The criteria and selection for



UNIMAS' students who excelled in the i-Envex 2014 posing with their recognitions and Dr Daniah Ibrahim (seated third from left).

the awards and medals are getting tougher because participants are required to have collaborations with other institutions or agencies, supported with reliable journals and IP registration proofs.

The projects must also have commercial values in the level of pre-commercialisation.

At the closing ceremony held at UniMAP Ulu Pauh Main Campus' Main Hall, the Deputy Secretary General (Policy), Ministry of Science, Technology and Innovation Malaysia (MOSTI), Datuk Dr. Mohd Azhar Yahaya and the Vice Chancellor of UniMAP, Brig. General Dato' Prof. Dr

Khamarudin Hussin, witnessed the presentation of awards and medals to the winners.

More than 400 participants from numerous institutions of higher learning from all over the world took part in this exhibition-cum-competition event.

During the same event, hun-

dreds of high school students and associations participated in the MIYIC and MiRoC clusters.

The three-day symposium welcomed both the public and private institutions to showcase creative and innovative ideas in inculcating engineering advancements and research for the society.

Cipta Sejarah: Fakulti Kejuruteraan UNIMAS perolehi empat akreditasi

on 24 June 2014.



“Tahniah...” Naib Canselor UNIMAS, Profesor Dato’ Dr Mohd Kadim Suaidi melihat surat pengiktirafan akreditasi dari EAC dan BEM yang ditunjukkan oleh Dekan Fakulti Kejuruteraan, Profesor Dr Wan Hashim Wan Ibrahim. Turut kelihatan ialah Timbalan Dekan Pra Siswazah dan Pemajuan Pelajar, Dr Abdullah Haji Yassin (hujung kiri) dan Ketua Kejuruteraan Jabatan Mekanikal dan Pembuatan, Dr Syed Tarmizi Syed Sazali (hujung kanan).

KOTA SAMARAHAN, 24 Jun – Fakulti Kejuruteraan UNIMAS mencipta sejarah apabila empat program fakulti berkenaan menerima pengiktirafan akreditasi daripada Majlis Akreditasi Kejuruteraan Malaysia (EAC) dan Lembaga Jurutera Malaysia (BEM).

Naib Canselor UNIMAS, Profesor Dato’ Dr Mohd Kadim Suaidi berkata, empat program tersebut adalah Ijazah Sarjana Muda (Kepujian) Kejuruteraan Awam, Ijazah Sarjana Muda (Kepujian) Kejuruteraan Mekanikal dan Pembuatan, Ijazah Sarjana Muda (Kepujian) Elektronik (Komputer) dan Ijazah Sarjana Muda (Kepujian) Elektronik (Telekomunikasi).

Menurut beliau, dari empat program tersebut, dua program iaitu Ijazah Sarjana Muda (Kepujian) Kejuruteraan Awam dan Ijazah Sarjana Muda (Kepujian) Kejuruteraan Mekanikal dan Pembuatan mendapat akreditasi penuh untuk tempoh lima tahun, manakala dua baki program lagi mendapat akreditasi bersyarat, untuk tempoh tiga tahun.

“Bagaimanapun, pencapaian sebegini merupakan satu kebanggaan UNIMAS kerana jika dilihat pada pengiktirafan sama terdahulu, akreditasi diberi kepada institut pengajian tinggi hanya untuk tempoh dua hingga tiga tahun sahaja.

“Kejayaan kita dalam mendapat akreditasi penuh untuk dua program ini adalah sesuatu yang hebat,” kata beliau lagi.

Naib Canselor turut berharap pencapaian Fakulti Kejuruteraan ini dapat dijadikan contoh dan pendorong semangat kepada fakulti lain di universiti ini. Beliau berkata, UNIMAS sentiasa menambah-baik program yang sedia ada. Sebagai contoh, universiti sedang melakukan bengkel semakan kurikulum bagi 22 program akademik yang ditawarkan.

Kata beliau, semakan tersebut dibuat untuk memastikan kesesuaian kurikulum dengan kemajuan bidang dan kehendak pasaran pada masa sekarang. Sementara itu, Dekan Fakulti Kejuruteraan, Profesor Dr Wan Hashim Wan Ibrahim berkata, untuk mendapat pengiktirafan akreditasi berkenaan, banyak aspek dilihat oleh badan profesional seperti EAC dan BEM. Antaranya penglibatan pihak industri dalam pembelajaran dan pengajaran, kualiti pembelajaran dan pengajaran disebabkan fakulti menguna-pakai pembelajaran berasaskan hasil, kemudahan prasarana dan khidmat fakulti dan banyak lagi.

Beliau berkata, kejayaan tersebut merupakan hasil kerjasama semua pihak di Fakulti Kejuruteraan, terutama staf akademik yang telah banyak membantu menyediakan dokumen dan segala urusan terutama semasa pemeriksaan akreditasi dilakukan oleh pihak EAC dan BEM.

Artikel oleh Sarena Haidir

Foto oleh Azlandy Mohammid Ali Tuah

Pelajar kejuruteraan perlu perlengkapkan diri dengan pengetahuan luas
on 08 October 2014.



KOTA SAMARAHAN, 8 Oktober : Program Minggu Kejuruteraan UNIMAS 2014 telah dirasmikan oleh Menteri Muda Jabatan Ketua Menteri (Pembangunan Usahawan Bumiputera), Datuk Haji Mohd Naroden Haji Majais, hari ini.

Majlis perasmian tersebut turut dihadiri oleh Timbalan Naib Canselor (Akademik dan Antarabangsa), Profesor Dr Wan Hashim Wan Ibrahim, Pemangku Dekan Fakulti Kejuruteraan, Dr. Hushairi Zen, Pengarah program, Syed Muhammad Hamdi Syed Ahmad, pelajar dan staf UNIMAS.

Datuk Haji Mohd Naroden yang juga merangkap Menteri Muda Perancangan Sumber dalam ucapan berkata jurutera haruslah mempunyai pengetahuan yang luas khususnya dalam bidang yang diceburi.

Beliau berkata, selain ilmu pengetahuan, seseorang jurutera juga perlu memiliki ciri positif seperti tidak mudah berputus asa, bertanggungjawab, berkepimpinan serta kemahiran komunikasi yang baik.

“Tugas jurutera adalah membangunkan ilmu, menggunakan ilmu dan mengembangkan ilmu dalam kerjayanya. Tanpa disiplin ilmu, seseorang itu tidak dapat dipanggil jurutera,” katanya lagi.

Datuk Haji Naroden turut berharap pelajar UNIMAS dapat mencapai cita-cita mereka untuk menjadi jurutera sekaligus menyumbang tenaga di dalam pembangunan negara.

“Jurutera-jurutera yang berkaliber serta berkemahiran tinggi amat diperlukan untuk merealisasikan hasrat kerajaan untuk menjadi negara maju menjelang tahun 2020.

Saya percaya dan yakin bahawa UNIMAS mampu melahirkan ramai jurutera yang

inovatif dan kreatif serta berdaya saing untuk tujuan pembangunan negara,” katanya lagi.

Sementara Timbalan Naib Canselor (Akademik dan Antarabangsa), Profesor Dr Wan Hashim Wan Ibrahim memberitahu program berkenaan yang diperkenalkan sejak tiga tahun lepas merupakan kerjasama di antara Fakulti Kejuruteraan UNIMAS, IEM Cawangan Sarawak, IEM G&S Cawangan Sarawak dan Persatuan IEM-UNIMAS Student Section UNIMAS.

Katanya, dengan tema ‘Explore the future’, program tersebut bertujuan untuk membawa pelajar kepada dunia kejuruteraan yang melibatkan industri dan organisasi dengan lebih dekat.

Beliau berkata, sepanjang program tersebut berlangsung pelbagai aktiviti akan diadakan antaranya pameran kereta, Icon Engineers, Hari Islam bersama Ustaz Don Daniyal Don Biyajid bertajuk “The Secret of Furqan: Islam, Science and Technology, RC Flying, Rocket Launcher, futsal dan sebagainya.

Artikel : Sarena Haidir | | Foto : Azlandy Mohammid Ali Tuah

Unimas grads told to be mentor at Zecon awards

Posted on October 25, 2014, Saturday, Source: [The Borneo Post](#)

KOTA SAMARAHAN: Universiti Malaysia Sarawak (Unimas) graduates with an exemplary record of excellence awards bagged, are encouraged to register themselves as alumni of the university.



The recipients showing their awards after the presentation ceremony by Abang Azahari (seated second right). Also seen are Wan Hashim (seated third left) and other representatives from Zecon Berhad and Unimas.

According to Unimas vice-chancellor (academic and international) Prof Dr Wan Hashim Wan Ibrahim, these alumni will then assume the role of a mentor, as well as being a beacon of inspiration to their peers.

“To the students who will be receiving their scroll during this year’s convocation on Nov 1, I hope all of you will not cut ties with the university on that day but register yourself as an alumni,” said Dr Wan Hashim who represented their vice-chancellor Prof Dato Dr Kadim Suaidi during the Zecon Excellence Award 2014 at Rumah Universiti in Unimas yesterday.

On another note, Wan Hashim also said the Engineering Faculty this year has added a Bachelor’s degree (Hon.) in Electrical and Electronic Engineering to its programme.

This, he said, is on par with the university’s vision and commitment to remain strong as a contributor to the nation’s human capital development.

He also said that Unimas is among the top choices for school-leavers and those who want to pursue their tertiary education which is reflected by the total of 14,317 students (14,160 locals and 157 international students) who are currently studying in Unimas.

“During the 2014/15 intake, Unimas has received a total of 3,805 local students,” he added.

Meanwhile, receiving the Zecon Excellence Award were 10 final year students from the Faculty of Engineering who excelled in both their academic and co-curriculum activities throughout their studies at Unimas.

This is also the 13th year that Zecon is presenting awards to students as part of its corporate social responsibility (CSR) programme.

Handing the award to the students was Zecon Berhad vice-president (infrastructure and construction) Ir. Abang Azahari Abang Osman.

The recipients are Nur Rahmatul Aesya Norizan and Nasrullah Omar from the department of civil engineering, Ashaari Kiprawi and Nurhunna Zulaikha Ishak (mechanical engineering), Hafiz Shamsol Anuwar and Amirul Asrab Hamzi (communication, electronics engineering), Amy Sahida Soetarman and Faten Ateeqah Othman (computer, electronic engineering), Siti Khadijah Hajon and Tiara Afira Julaihi (chemical engineering and energy sustainability).

UNIMAS Engineering students win big at first National Geofest 2014

KOTA SAMARAHAN, 12 November : On 5th to 6th November 2014, after four weeks of extensive laboratory and site work, UNIMAS sent a group of three third year civil engineering students (Er Hauzhi – leader, Nurul Izzati bt. Ahmat @ Ibrahim and Phillip ak. Owen), to compete in the first National Geofest 2014 competition organized by UTHM. The team was accompanied by Dr Fauzan Sahdi.

UNIMAS competed with 26 groups from various universities across Malaysia. The team competed using the topic “Development of Procedure to Measure Highly Organic Soil/Peat Permeability – From Site to Laboratory”.

The work was supervised by Dr Fauzan Sahdi and Associate Professor Dr Siti Noor Linda bt. Taib, senior lecturers at Universiti Malaysia Sarawak’s Faculty of Engineering. At the closing of the competition, the team won two awards, namely, Best Poster Award and Bronze Medal Award (Project).

In this project, a simple portable permeability kit was designed for in-situ testing. This kit has the potential to measure the permeability of peat in a comparable manner as a conventional falling head permeability apparatus, with the added advantage that sample disturbance (due to sample preparation in the laboratory) may be decreased.

Article by :Corporate Planning and Communications Division (Chancellory)



Assoc. Prof. Dr. Siti Noor Linda supervising the students on site



Team UNIMAS receiving their awards



Team UNIMAS proudly presents their winning poster and awards

UNIMAS STEM EnCon2014 beri kesedaran mengenai alam sekitar

on 09 December 2014.



KOTA SAMARAHAN, 9 Disember: Sebanyak lima puluh kertas kerja akan dibentangkan didalam ‘ UNIMAS STEM EnCon2014’ yang diadakan selama dua hari bermula hari ini dengan perasmian telah disempurnakan oleh Menteri Muda Perhubungan dan Menteri Muda Sukan Sarawak, YB Datuk Lee Kim Shin mewakili Ketua Menteri, YAB Datuk Patinggi Tan Sri (Dr) Haji Adenan Haji Satem.

Persidangan itu merupakan kali ketujuh dianjurkan oleh UNIMAS dengan tema tahun ini bertajuk ‘ Advances in Process Engineering, Green Energy and STEM Education’.

Dalam teks ucapan yang dibacakan oleh YB Datuk Lee Kim Shin, Ketua Menteri berkata persidangan ini adalah bertepatan dengan usaha kerajaan untuk memberi kesedaran tentang isu penting terutama kepentingan alam sekitar seperti masalah jerebu.

Katanya, adalah penting isu seperti itu dititik berat secara lebih serius dengan mencari jalan bagi memastikan transformasi daripada sisa buangan tanaman kepada sumber tenaga hijau yang bermanfaat kepada alam.

“Dengan pembentangan kerja kerja yang dibentangkan hari ini, kita berharap akan membawa hasil yang positif terutama dalam membantu Sarawak khususnya dan Malaysia amnya untuk mencapai kualiti alam sekitar yang lebih baik di masa akan datang,” katanya lagi.

Ketua Menteri turut berbangga dengan UNIMAS yang selama ini berusaha keras dan tidak mengenyepikan tanggungjawab kepada masyarakat sama ada di peringkat tempatan mahupun kebangsaan. Katanya, sebagai contoh, projek mikro-hidroelektrik di bawah CoERE merupakan penyelidikan yang baik dan bersifat kemasyarakatan serta mencerminkan pencapaian UNIMAS dalam pembangunan dan penyelidikan untuk kebaikan masyarakat global.

“Malah, UNIMAS juga sebagai penyelaras untuk U-SCORE dan sering dijadikan rujukan masyarakat global dalam mengukuhkan persefahaman serta kerjasama dua hala,” katanya dalam teks ucapan yang dibacakan oleh Datuk Lee Kim Shin.

Manakala Naib Canselor UNIMAS, Profesor Dato' Dr Mohamad Kadim Suaidi dalam ucapan beliau berkata, UNIMAS akan terus mencari jalan memperkukuh pembangunan dan penyelidikan di universiti ini. Beliau berkata, kepakaran warga akademik UNIMAS dalam pelbagai bidang pembelajaran serta kejayaan mereka memenangi banyak anugerah penyelidikan serta program kolaborasi, telah menyumbang kepada kejayaan UNIMAS sebagai universiti ketujuh terbaik dalam negara dan memperolehi taraf 5-Bintang daripada Sistem Penarafan IPT Malaysia, MQA baru-baru ini.

Objektif persidangan ini adalah untuk menyediakan platform kepada para pakar, para akademik dan industri untuk berkongsi serta membentangkan penemuan pembangunan dan penyelidikan mereka dalam tenaga hijau dan proses kejuruteraan, untuk menyebarkan status dan pembangunan terkini SCORE serta maklumat lain yang berkaitan dengan pihak industri, orang awam dan sebagainya.

Dalam persidangan itu juga, terdapat empat ucapnama akan dibentangkan iaitu daripada Profesor Emeritus Dr Martin Rhodes dari Universiti Monash, Australia, Datuk Torstein Dale Sjøtveit (Sarawak Energy Berhad), Profesor Ir. Dr Mohd Sobri Takriff (Universiti Kebangsaan Malaysia) dan Profesor Ir. Dr Dominic Foo Chwan Yee (Universiti Nottingham, cawangan Malaysia). Manakala 48 kertas kerja akan dibentangkan oleh penyelidik daripada enam buah negara.

 **Fakulti Kejuruteraan**
Universiti Malaysia Sarawak (UNIMAS)

 + 60 82 583 341

 + 60 82 583 410

 Emel : admin@bpps.unimas.my

 www.feng.unimas.my