

Name : Noor Asma Fazli Bin Abdul Samad
Designation : Profesor Madya
Grade : DS54-A
Staff ID : 0582
Department : KOLEJ KEJURUTERAAN
Office No : 095492919 **Mobile No** : 0132881807
Fax No : 095492388
Email : asmafazli@ump.edu.my
Website : http://www.ump.edu.my



PERSONAL INFORMATION

IC Number	: 811116085077	Passport Number	: -
Gender	: Lelaki	Birth Date	: 16/11/1981
Birth Place	: Hutan Melintang	Birth State	: Perak
Marital Status	: Married	Race	: Melayu
Religion	: Islam	Citizen	: Malaysia
Bumiputera Status	: Y	Disability Type	: Tidak Cacat
Driving Licence Class	:	Driving Licence Serial No	: -
Blood Type	: A+	Language	:
Current Address	: No 2, Lorong Is70 Perkampungan Indera Sempurna,		
Current State	: Pahang	Current Postcode	: 25150
Permanent Address	: N0 F-13 Parit 13 Batu 15 1/2		
Permanent State	: Perak	Permanent Postcode	: 36400
		Permanent Country	: Malaysia

RELATIONSHIP

SPOUSE INFORMATION

Name : Suriyati Binti Saleh
IC Number : 820718115362 **Marriage Date** : 16/10/2010
Spouse's Job : Pensyarah

CHILDREN INFORMATION

<u>Name</u>	<u>Birth Cert.No / IC No</u>	<u>Birth Date</u>	<u>Birth State</u>	<u>Gender</u>	<u>Relation</u>
Dhiya Mardhiyya Arissa Binti Noor Asma Fazli	150122060612	22/01/2015	Pahang	Perempuan	Anak Kandung
No information, please enter your details					

FAMILY / RELATIVE INFORMATION

<u>Name</u>	<u>IC Number</u>	<u>Relation</u>
ABDUL SAMAD BIN HAJI ABDUL MANAN	560623-08-5065	Bapa
SHAMSAH BINTI MAT DOM	540924-08-5850	Ibu
NOR ASMA HISHAM BIN ABDUL SAMAD	780701-08-6517	Saudara Kandung

ACADEMIC QUALIFICATION

(University/Institution/School), (Location), (Course), (Level), (Result), (Year)

Denmark Technical University, Denmark, DENMARK, **Kejuruteraan Kimia, IJAZAH KEDOKTORAN (DOCTORAL DEGREE)**, 3.67, 2012

Denmark Technical University, Denmark, DENMARK, **Kejuruteraan Kimia, Lain-Lain**, 4.00, 2013

Universiti Teknologi Malaysia (Skudai), MALAYSIA, **Kejuruteraan Kimia, IJAZAH SARJANA (MASTERS DEGREE)**, 3.5, 2006

Universiti Teknologi Malaysia (Skudai), MALAYSIA, -, **IJAZAH SARJANA MUDA (BACHELOR DEGREE)**, 2.99, 2002

MAKTAB RENDAH SAINS MARA BESERI, MALAYSIA, -, **SPM**, 7, 1998

SERVICE RECORD

JOB INFORMATION

Job Category : Academic
Job Classification : Pengurusan Dan Profesional
Job Status : Tetap Berpencen
Status : Active
Join Date : 27-06-2006
Confirm Date : 01-11-2007
Pension Date : 16-11-2037
Pension No : 119510
Pension Option : Memilih skim pencen
EPF No : 16835035
Service Scheme : D - Pendidikan
First Join Date In Public Sector : 27/06/2006
First Agency In Public Sector :
Promoted Date : 19/12/2012
Induction Date : 18/08/2007 To 30/08/2007

SALARY INFORMATION

Basic Salary : RM8708.02
Matrix Salary : P2
Salary Increment Month : JULY

LNPT MARK INFORMATION

Year 2020 : 89.15
Year 2019 : 83.77
Year 2018 : 85.32

SERVICE HISTORY

(Department) , (Post), (Status), (Start Date), (Resign Date)

KOLEJ KEJURUTERAAN, Profesor Madya (DS54-A), Tetap Berpencen, 01/10/2020, -

FAKULTI TEKNOLOGI KEJURUTERAAN KIMIA DAN PROSES, Profesor Madya (DS54-A), Tetap Berpencen, 08/07/2020, -

FAKULTI TEKNOLOGI KEJURUTERAAN KIMIA DAN PROSES, Pensyarah Universiti (DS52-A), Tetap Berpencen, 03/09/2019, 30/09/2020

FAKULTI KEJURUTERAAN KIMIA & SUMBER ASLI, Pensyarah Universiti (DS52), Tetap Berpencen, 19/12/2012, 07/07/2020

FAKULTI KEJURUTERAAN KIMIA & SUMBER ASLI, Pensyarah Universiti (DS45), Tetap Berpencen, 01/06/2010, 18/12/2012

FAKULTI KEJURUTERAAN KIMIA & SUMBER ASLI, Pensyarah Universiti (DS45), Tetap, 01/11/2007, -

FAKULTI KEJURUTERAAN KIMIA & SUMBER ASLI, Pensyarah Universiti (DS45), Tetap Percubaan, 27/06/2006, -

FAKULTI KEJURUTERAAN KIMIA & SUMBER ASLI, Tutor (DA41), Sementara, 27/06/2006, -

PROFESSIONAL AFFILIATION

<u>Organisation</u>	<u>Role</u>	<u>Level</u>	<u>Organisation Status</u>	<u>Join Date</u>	<u>End Date</u>
BOARD OF ENGINEERS MALAYSIA (BEM)			PROFESSIONAL	28/04/2017	31/12/2020
THE INSTITUTION OF CHEMICAL ENGINEERS (ICHEM)			PROFESSIONAL	01/01/2019	31/12/2019
MALAYSIA BOARD OF TECHNOLOGIST (MBOT)			PROFESSIONAL	01/01/2019	31/12/2019
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)			PROFESSIONAL	01/01/2019	31/12/2019

NON RESEARCH AWARD AND RECOGNITIONS

No information, please enter your details

EXPERTISE

<u>Expert Area</u>	<u>Major</u>	<u>Year Of Expertise</u>	<u>Level</u>
Liquid Crystal	PROCESS MODELLING AND CONTROL	7	TINGGI
Chemical Processes	PROCESS MODELLING AND CONTROL	7	SANGAT TINGGI
Renewable Energy	HYDROGEN PRODUCTION USING GASIFICATION	4	TINGGI
Waste to Wealth	BIOMASS UTILIZATION	4	TINGGI
Bioconversion	TORREFACTION AND GASIFICATION	4	TINGGI
Energy Conservation and Efficiency	PROCESS MODELLING AND SIMULATION	4	TINGGI

WORKING EXPERIENCE

<u>Employer</u>	<u>Post</u>	<u>Join Date</u>	<u>Resign Date</u>	<u>Status</u>
Universiti Teknologi Malaysia	PEGAWAI PENYELIDIK	01/12/2004	15/06/2006	-

SUBJECT TAUGHT**YEAR : 2022**

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
21222/IJA	BKF3413	Process Control & Dynamic	3	57
21222/IJA	BKF3791	Process Control & Instrumentation Lab	1	84

YEAR : 2021

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
21221/MCF	MPP1243	Process And Production Control	3	7
21221/IJA	BKF3413	Process Control & Dynamic	3	56
21221/IJA	BKF3791	Process Control & Instrumentation Lab	1	62
20212/IJA	BKF3413	Process Control & Dynamic	3	41
20212/IJA	BKF3791	Process Control & Instrumentation Lab	1	177
20212/MCF	MKK1263	Process Modelling & Control	3	7

YEAR : 2020

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
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20211/IJA	BKF3413	Process Control & Dynamic	3	63
20211/ISM	BKF3413	Process Control & Dynamic	3	8
20211/IJA	BKF3791	Process Control & Instrumentation Lab	1	56
19202/IJA	BKF3413	Process Control & Dynamic	3	167
19202/IJA	BKF3791	Process Control & Instrumentation Lab	1	23
19202/IJAC19	BKF3413	Process Control & Dynamic	3	62
19202/IJAC19	BKF3791	Process Control & Instrumentation Lab	1	23
19202/MCF	MPP1243	Process And Production Control	3	11
19202/MCF	MKK1263	Process Modelling & Control	3	2
19202/MCFC19	MPP1243	Process And Production Control	3	11
19202/MCFC19	MKK1263	Process Modelling & Control	3	2

YEAR : 2019

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
19201/IJA	BKF3413	Process Control & Dynamic	3	60
19201/IJA	BKF3791	Process Control & Instrumentation Lab	1	28
18192/IJA	BKF3413	Process Control & Dynamic	3	59
18192/IJA	BKF3791	Process Control & Instrumentation Lab	1	30
18192/MCF	MPP1243	Process And Production Control	3	9
18192/MCF	MKK1263	Process Modelling & Control	3	5

YEAR : 2018

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
18191/IJA	BKF3413	Process Control & Dynamic	3	25
18191/IJA	BKF3791	Process Control & Instrumentation Lab	1	30
17183/MCF	MKK1263	Process Modelling & Control	3	1
17182/MCF	MKK1263	Process Modelling & Control	3	16
17182/IJA	BKF3413	Process Control & Dynamic	3	58
17182/ISM	BKF3472	Chemical Reaction Engineering Ii	2	2
17182/ISM	BKF1313	Engineering Mechanics	3	5
17182/ISM	BKF2432	Mass Transfer	2	14
17182/ISM	BKF1323	Organic Chemistry	3	7
17182/ISM	BKF1253	Physical Chemistry	3	5
17182/ISM	BKF1333	Thermodynamics	3	6

YEAR : 2017

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
17181/IJA	BKF3413	Process Control & Dynamic	3	50
17181/ISM	BKF1751	Basic Science & Engineering Lab	1	10
17181/ISM	BKF2332	Electrical & Instrumentation Technology	2	1
17181/ISM	BKC3533	Osh In Chemical Industries	3	14
17181/ISM	BKF3413	Process Control & Dynamic	3	1
17181/ISM	BKC2463	Science & Engineering Materials	3	14
16172/IJA	BKC3643	Industrial Safety Practices In Oil & Gas Sector (E)	3	30
16172/IJA	BKF3413	Process Control & Dynamic	3	67
16172/MCF	MKK1263	Process Modelling & Control	3	16

YEAR : 2016

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
16171/IJA	BKF3413	Process Control & Dynamic	3	57
15162/MCF	MKK1263	Process Modelling & Control	3	21
15162/IJA	BKF3413	Process Control & Dynamic	3	75
16172/ISM	BKF1243	Analytical Chemistry	3	10
16172/ISM	BKF2413	Chemical Engineering Thermodynamics	3	1
16172/ISM	BKF2143	Computer Programming For Engineers	3	10
16172/ISM	BKF2332	Electrical & Instrumentation Technology	2	1
16172/ISM	BKF2343	Material & Energy Balance	3	1
16172/ISM	BKF3791	Process Control & Instrumentation Lab	1	1

YEAR : 2015

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
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15161/IJA	BKF3413	Process Control & Dynamic	3	67
14152/IJA	BKF3413	Process Control & Dynamic	3	66
14152/MCL	MKK1123	Advanced Process Control & Instrumentation	3	20

YEAR : 2014

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
14151/IJA	BKF1332	Electrical & Instrumentation Technology	2	41
14151/IJA	BKF3413	Process Control & Dynamic	3	59
14151/DSM	DKK1352	Electrical Technology	2	2
13142/IJA	BKF3413	Process Control & Dynamic	3	147
13142/DSM	DKK2443	Process Instrumentation & Control	3	8

YEAR : 2013

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
13141/IJA	BKF1332	Electrical & Instrumentation Technology	2	40
13141/IJA	BKF3413	Process Control & Dynamic	3	47
13141/IJA	BKF4791	Process Control & Instrumentation Lab	1	25
12132/IJA	BKC4934	Process & Plant Design li	4	148

YEAR : 2008

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
08091/IJA	BKF2343	Material & Energy Balance	3	56
08091/IJA	BKF3483	Process Control & Instrumentation	3	4
07083/IJA	BKC2323	Thermodynamics	3	2
07083/IJA	BKF1333	Thermodynamics	3	14

YEAR : 2007

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
07082/DIP	DKK2413	Process Instrumentation & Control	3	42
07082/IJA	BKF3483	Process Control & Instrumentation	3	78
07081/DIP	DKK3423	Plant Safety & Health	3	21
07081/IJA	BKC2313	Material & Energy Balance	3	1
07081/IJA	BKF2343	Material & Energy Balance	3	63
06073/IJA	BKF2413	Chemical Engineering Thermodynamics	3	7

YEAR : 2006

<u>Semester</u>	<u>Subject Code</u>	<u>Subject</u>	<u>Credit Hour</u>	<u>Total Of Student</u>
06072/IJA	BKF3483	Process Control & Instrumentation	3	60
06072/DIP	DKK2413	Process Instrumentation & Control	3	21
06071/IJA	BKC1711	Science And Engineering Lab 1	1	32
06071/IJA	BKC2323	Thermodynamics	3	71

SUPERVISION

PROGRAM : DOCTOR OF PHILOSOPHY

YEAR : 2020

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Systematic Model-Based Framework For Control & Optimization Of Seeded Batch Crystallization Process	Siti Zubaidah Binti Adnan	27/10/2020	-	Active	Main Supervisor

YEAR : 2019

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Modeling, Simulation And Optimization Of Air-Steam Downdraft Gasification Process	Farah Nadiyah Binti Sidek	04/09/2019	-	Active	Main Supervisor

YEAR : 2018

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Performance Study On Co-Gasification Between Coalisawdust & Coalisawdust Pellet In Downdraft Gasifier	Fatin Zafirah Binti Mansur	28/03/2018	-	Graduated	Co Supervisor

YEAR : 2017

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Clean Synthesis Gas Production From Fluidized Bed Gasification Using Torrefied Municipal Solid Waste	Nur Ashikin Binti Janin	15/09/2017	-	Defer -C	Main Supervisor

YEAR : 2016

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Production Of Biopellets From Logging Residues And Palm Oil Wastes Using Combined Torrefaction And Pelletisation Process	Siti Raishan Binti Mohd Rashid	15/02/2016	-	Raw	Main Supervisor
Production Of Biopellets From Logging Residues And Palm Oil Wastes Using Combined Torrefaction And Pelletisation Process	Siti Raishan Binti Mohd Rashid	15/02/2016	-	Defer -C	Main Supervisor

PROGRAM : MASTER BY RESEARCH

YEAR : 2014

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Study On Thermodynamic Propertites Of Mtbe / Alcohol Binary Mixtures Using Nonlinear Models And Molecular Interactions Using Spectroscopic Approach	Thanusha D/O Thanikaik Kumaar	15/10/2014	-	Graduated	Co Supervisor

PROGRAM : MASTER OF SCIENCE

YEAR : 2020

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Mechanistic Behaviour Of Torrefied Biomass Pelletization To Produce A Good Quality Pellet	Chang Siaw Sang	07/01/2020	-	Active	Co Supervisor

YEAR : 2019

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Development Of Data Driven Models For Gasification Process Using Torrefied Oil Palm Wastes	Najwa Hayati Binti Abdul Halim	01/02/2019	-	Active	Main Supervisor

YEAR : 2018

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
<P>Experimental Measurement And Prediction Of Thermophysical Properties Of Methyl Tert-Butyl Ether (Mtbe) With Methanol, Diisopropyl Ether (Dipe) And N-Methylanline Binary Mixtures</P>	Mohammed Rashid Ali	26/09/2018	-	Graduated	Main Supervisor

YEAR : 2017

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Physiochemical Properties Changes On Malaysia'S Biomass Torrefaction And Development Of Torrefaction Correlation Model	Nur Hazirah Huda Binti Mohd Harun	15/09/2017	-	Graduated	Co Supervisor

YEAR : 2016

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Evaluation Of Optimal Cooling Control For Seeded Batch Crystallization Inclusive Dissolution With Uncertainties	Siti Zubaidah Adnan	05/09/2016	-	Graduated	Main Supervisor

YEAR : 2015

<u>Title</u>	<u>Student's Name</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>	<u>Type</u>
Model Development And Performance Analysis Of Integrated Gasification Process And Proton Exchange Membrane Fuel Cell	Muhammad Bilal Bin Muslim	19/10/2015	-	Graduated	Main Supervisor
Model Improvement And Supersaturation Control Of Crystallization Process For The Case Of Agglomeration And Breakage	Zakirah Bt Mohd Zahari	30/09/2015	-	Graduated	Main Supervisor
<P>Characterization And Application Of Torrefied Malaysia Biomass As A Biofuel For Gasification</P>	Fakhrur Razil Alawi Bin Abdul Wahid	08/09/2015	-	Graduated	Co Supervisor

TEACHING EVALUATION

<u>Semester</u>	<u>Series</u>	<u>Category</u>	<u>Subject</u>	<u>Mark</u>	<u>Avg Mark</u>
Semester 2 Session 2020/2021	2	Lecture	MKK1263 - Process Modelling & Control	93.33	93.33
Semester Ii Academic Session 2020/2021	2	Lecture	BKF3413 - Process Control & Dynamic	94.69	94.69
Semester Ii Academic Session 2020/2021	2	Lab	BKF3791 - Process Control & Instrumentation Lab	94.58	94.58
Semester I Academic Session 2020/2021	2	Lecture	BKF3413 - Process Control & Dynamic	97.91	97.91
Semester I Academic Session 2020/2021	2	Lab	BKF3791 - Process Control & Instrumentation Lab	92.68	92.68
Semester 2 Session 2019/2020	2	Lecture	MPP1243 - Process And Production Control	92.22	92.22
Semester 2 Session 2019/2020	2	Lecture	BKF3413 - Process Control & Dynamic	95.64	95.64
Semester 2 Session 2019/2020	2	Lab	BKF3791 - Process Control & Instrumentation Lab	95.37	95.37
Semester 1 Session 2019/2020	2	Lecture	BKF3413 - Process Control & Dynamic	95.97	95.97
Semester 1 Session 2019/2020	2	Lab	BKF3791 - Process Control & Instrumentation Lab	94.79	94.79
Semester 2 Session 2018/2019	2	Lecture	MPP1243 - Process And Production Control	74.29	83.81
			MKK1263 - Process Modelling & Control	93.33	
Semester 2 Session 2018/2019	2	Lab	BKF3791 - Process Control & Instrumentation Lab	95.43	95.43
Semester 2 Session 2018/2019	2	Lecture	BKF3413 - Process Control & Dynamic	94.82	94.82
Semester 2 Session 2017/2018	2	Lecture	BKF3413 - Process Control & Dynamic	94.44	94.44
Semester 1 Session 2017/2018	2	Lecture	BKF3413 - Process Control & Dynamic	95.73	95.73
Semester 2 Session 2016/2017	2	Lecture	BKF3413 - Process Control & Dynamic	93.97	93.97
Semester 1 Session 2016/2017	2	Lecture	BKF3413 - Process Control & Dynamic	89.28	89.28

Semester 2 Session 2015/2016	2	Lecture	MKK1263 - Process Modelling & Control	95	95
Semester 2 Session 2015/2016	2	Lecture	BKF3413 - Process Control & Dynamic	90.72	90.72
Semester 1 Session 2015/2016	2	Lecture	BKF3413 - Process Control & Dynamic	91.02	91.02
Semester 2 Session 2014/2015	2	Lecture	BKF3413 - Process Control & Dynamic	95.28	95.28
Semester 1 Session 2014/2015	2	Lecture	BKF3413 - Process Control & Dynamic BKF1332 - Electrical & Instrumentation Technology	92.92 88.52	90.72
Semester 2 Session 2013/2014	2	Lecture	BKF3413 - Process Control & Dynamic	90.76	90.76
Semester 1 Session 2013/2014	2	Lecture	BKF1332 - Electrical & Instrumentation Technology BKF3413 - Process Control & Dynamic	87.03 90	88.52
Semester 1 Session 2013/2014	2	Lab	BKF4791 - Process Control & Instrumentation Lab	85.18	85.18
Semester II Academic Session 2020/2021	1	Lab	BKF3791 - Process Control & Instrumentation Lab	97.12	97.12
Semester II Academic Session 2020/2021	1	Lecture	BKF3413 - Process Control & Dynamic	96.45	96.45
Semester I Academic Session 2020/2021	1	Lecture	BKF3413 - Process Control & Dynamic	96.5	96.5
Semester I Academic Session 2020/2021	1	Lab	BKF3791 - Process Control & Instrumentation Lab	89.91	89.91
Semester 1 Session 2019/2020	1	Lab	BKF3791 - Process Control & Instrumentation Lab	94.92	94.92
Semester 1 Session 2019/2020	1	Lecture	BKF3413 - Process Control & Dynamic	93.83	93.83
Semester 2 Session 2018/2019	1	Lab	BKF3791 - Process Control & Instrumentation Lab	94.36	94.36
Semester 2 Session 2018/2019	1	Lecture	BKF3413 - Process Control & Dynamic	93.55	93.55
Semester 1 Session 2018/2019	1	Lecture	BKF3413 - Process Control & Dynamic	95.93	95.93
Semester 1 Session 2018/2019	1	Lab	BKF3791 - Process Control & Instrumentation Lab	95.57	95.57
Semester 2 Session 2017/2018	1	Lecture	MKK1263 - Process Modelling & Control	93.47	93.47
Semester 2 Session 2017/2018	1	Lecture	BKF3413 - Process Control & Dynamic	95.68	95.68
Semester 1 Session 2017/2018	1	Lecture	BKC4913 - Process & Plant Design I BKF3413 - Process Control & Dynamic	83.88 92.79	88.34
Semester 1 Session 2016/2017	1	Lecture	BKF3413 - Process Control & Dynamic	83.43	83.43
Semester 2 Session 2015/2016	1	Lecture	MKK1263 - Process Modelling & Control	92.5	92.5
Semester 2 Session 2015/2016	1	Lecture	BKF3413 - Process Control & Dynamic	91.5	91.5
Semester 1 Session 2015/2016	1	Lecture	BKF3413 - Process Control & Dynamic	88.66	88.66
Semester 2 Session 2014/2015	1	Lecture	BKF3413 - Process Control & Dynamic	93.53	93.53
Semester 2 Session 2013/2014	1	Lecture	BKG3912 - Process & Plant Design I BKF3413 - Process Control & Dynamic BKC3912 - Process & Plant Design I BKB3912 - Process & Plant Design I	80 88.82 87.43 82.6	84.71
Semester 1 Session 2013/2014	1	Lecture	BKF3413 - Process Control & Dynamic BKF1332 - Electrical & Instrumentation Technology	87.5 83.75	85.63
Semester 1 Session 2013/2014	1	Lab	BKF4791 - Process Control & Instrumentation Lab	85.35	85.35
Semester 2 Sesi 2007/2008	1	Lecture	BKC2323 - Thermodynamics	86	86

RESEARCH PROJECT

YEAR : 2021

<u>Title & Project ID</u>	<u>Role</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>
INVESTIGATION ON CO-PELLETIZATION OF TORREFIED FORESTRY RESIDUES AND SEWAGE SLUDGE AS BINDING AGENT FOR BIOFUEL PRODUCTION (RDU210343)	Member	25/05/2021	24/05/2023	Sedang Berjalan

YEAR : 2019

<u>Title & Project ID</u>	<u>Role</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>
Elucidate The Kinetic Mechanism of Air-Steam Downdraft Gasification Process To Enhance Product Gas Yield With Low Tar Content (RDU1901100)	Leader	01/09/2019	31/05/2022	Sedang Berjalan
Elucidate the mechanistic behaviour of torrefied biomass pelletization to produce a good quality pellet (RDU1901137)	Member	01/09/2019	31/05/2022	Sedang Berjalan
MECHANISTIC STUDY OF HEAT TRANSFER AND MIXING IN SIMULTANEOUS SACCHARIFICATION AND FERMENTATION PROCESS THROUGH DUAL ZONE HORIZONTAL ROTATING BIOREACTOR FOR HIGHER ETHANOL CONVERSION (RDU190187)	Member	01/01/2019	30/09/2021	Sedang Berjalan

YEAR : 2017

<u>Title & Project ID</u>	<u>Role</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>
Study on Heat Transfer and Motion Behavior in a Rotary Reactor (RDU1703317)	Member	05/10/2017	04/10/2019	Tamat (Perlu hantar laporan akhir)
Development of torrefied pellet from palm oil waste for biofuel production (RDU1703175)	Member	30/06/2017	29/06/2019	Selesai (Mencapai Sebahagian KPI)
Influence of torrefaction on the synthesis gas production from gasification of Municipal Solid Waste (MSW) (RDU1703241)	Leader	30/06/2017	29/06/2019	Selesai (Mencapai Semua KPI)
Waste to wealth project with Mercu Resoution (UIC170807)	Member	24/06/2017	24/09/2018	Tamat (Perlu hantar laporan akhir)

YEAR : 2016

<u>Title & Project ID</u>	<u>Role</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>
Development of a Monitoring and Control System for Operational Study of Dividing Wall Column Pilot Plant (RDU1603148)	Member	01/10/2016	30/09/2018	Selesai (Mencapai Semua KPI)

YEAR : 2015

<u>Title & Project ID</u>	<u>Role</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>
Intergration of gasification process and High Temperature Proton Exchange Membrane Fuel Cells for Stationary Applications: A Simulation Study (RDU151301)	Leader	01/02/2015	28/02/2017	Selesai (Tutup Projek)

YEAR : 2014

<u>Title & Project ID</u>	<u>Role</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>
Development of Generic Analytical Estimator for Shaping the Crystal Size Distribution in Supersaturation controlled Crystallization Process under the Presence of Agglomeration and Breakage Dominant Phenomena (RDU140395)	Leader	05/09/2014	04/09/2016	Selesai (Tutup Projek)
Thermogravimetric Analysis And Characterization Of Torrefied Palm Oil Waste And Forestry Residues As Renewable Energy Sources (RDU140143)	Member	01/07/2014	30/06/2016	Selesai (Tutup Projek)
Surface Modification Of Activated Carbon From Rice Husk For CO2 Capture	Member	01/07/2014	30/06/2016	Selesai (Tutup Projek)

(RDU140136)

YEAR : 2007

<u>Title & Project ID</u>	<u>Role</u>	<u>Start Date</u>	<u>End Date</u>	<u>Status</u>
Optimization Of Polymer Processing In Batch Reactor Using Neural Network (RDU070370)	Leader	03/09/2007	09/02/2008	Selesai (Mencapai Semua KPI)
Real Time Gas Density Control Based on Inferetial-Cascade-MSPC System (RDU070101)	Member	09/01/2007	31/08/2010	Tamat (Perlu hantar laporan akhir)
Essential oil production from Patchouli (Pogostemon) Cablin And Waste Recovery (RDU070302)	Member	04/01/2007	30/03/2009	Selesai (Mencapai Semua KPI)

RESEARCH OUTPUT

>> CONSULTATION / TECHNICAL SERVICES

<u>Project Name</u>	<u>Role</u>	<u>From - Until</u>	<u>Level</u>	<u>Type</u>	<u>Status</u>
No information, please enter your details			<u>Award Winning/Medal</u>		<u>Date</u>

>> EXHIBITION

<u>Title</u>	<u>Exhibition</u>	<u>Level</u>		
Essential Oil Production From Patchouli (Pogostemon) Cablin and Waste Recovery	Pameran TCME 2007	NATIONAL	CERTIFICATE OF ACKNOWLEDGEMENT	16/07/2007 to 20/07/2007

>> AWARDS

<u>Title</u>	<u>Award Name</u>	<u>Role</u>	<u>From - Until</u>	<u>Organizer</u>	<u>Level</u>
Essential Oil Production From Patchouli (Pogostemon) Cablin and Waste Recovery	CERTIFICATE OF ACKNOWLEDGEMENT	MEMBER	16 - 20 JUL 2007	Pameran TCME 2007	NATIONAL

>> JOURNAL

<u>Article</u>	<u>Journal Name</u>	<u>Year Publish</u>	<u>Impact Factor</u>
PERFORMANCE ANALYSIS OF DIVIDING WALL COLUMN MODEL FOR FRACTIONATION OF OLEOCHEMICAL FATTY ACID	JOURNAL OF OIL PALM RESEARCH	2019	
INFERENTIAL CONTROL OF DIVIDING WALL COLUMN FOR HIGH PRODUCT PURITY " CASE STUDY ON OLEOCHEMICAL FATTY ACID FRACTIONATION	IOP MSE	2019	
No information, please enter your details			

>> PATENT

<u>Title</u>	<u>Country</u>	<u>Registration No</u>	<u>Material Type</u>	<u>Firm</u>
No information, please enter your details				

>> CONFERENCE PAPER

YEAR : 2016

<u>Title</u>	<u>Conference Name</u>	<u>From - Until</u>	<u>Level / Even</u>	<u>Index / Non Index</u>
PERFORMANCE COMPARISON ON BIOMASS GASIFICATION REACTOR FOR HYDROGEN PRODUCTION	7TH INTERNATIONAL SYMPOSIUM ON DESIGN, OPERATION AND CONTROL OF CHEMICAL PROCESSES (PSE ASIA 2016)	24/07/2016 27/07/2016	- INTERNATIONAL	-
INCORPORATING AGGLOMERATION AND BREAKAGE PHENOMENAS IN BATCH SEEDED CRYSTALLIZATION PROCESS FOR ACHIEVING THE TARGET CRYSTAL PROPERTIES	INTERNATIONAL CONFERENCE OF CHEMICAL ENGINEERING AND INDUSTRIAL BIOTECHNOLOGY (ICCEIB)	28/11/2016 30/11/2016	- INTERNATIONAL	<u>NON-INDEXED</u>
ACHIEVING THE TARGET CRYSTAL SIZE DISTRIBUTION IN THE CASE OF AGGLOMERATION AND BREAKAGE FOR BATCH COOLING CRYSTALLIZATION PROCESS	9TH REGIONAL CONFERENCE ON CHEMICAL ENGINEERING	21/11/2016 22/11/2016	- INTERNATIONAL	<u>INDEXED</u>

YEAR : 2018

<u>Title</u>	<u>Conference Name</u>	<u>From - Until</u>	<u>Level / Even</u>	<u>Index / Non Index</u>
PROPERTIES PREDICTION OF TORREFIED MUNICIPAL SOLID WASTE USING LINEAR CORRELATION MODEL	10TH INTERNATIONAL CONFERENCE ON APPLIED ENERGY	22/08/2018 25/08/2018	- INTERNATIONAL	<u>INDEXED</u>
SYNTHESIS GAS PRODUCTION OF MUNICIPAL SOLID WASTE IN A FLUIDIZED BED GASIFIER USING THERMODYNAMIC EQUILIBRIUM MODEL	INTERNATIONAL CONFERENCE ON ENVIRONMENT (ICENV 2018)	11/12/2018 13/12/2018	- INTERNATIONAL	<u>INDEXED</u>

YEAR : 2021

<u>Title</u>	<u>Conference Name</u>	<u>From - Until</u>	<u>Level / Even</u>	<u>Index / Non Index</u>
KINETIC PARAMETER ESTIMATION FOR DRYING STAGE DURING GASIFICATION OF EMPTY FRUIT BUNCH	3RD SYMPOSIUM ON INDUSTRIAL SCIENCE AND TECHNOLOGY (SISTEC 2021)	25/08/2021 26/08/2021	- LOCAL	<u>INDEXED</u>
ANALYSIS OF TAR GENERATION FROM FLUIDIZED BED GASIFICATION OF RAW AND TORREFIED EMPTY FRUIT BUNCH	7TH INTERNATIONAL CONFERENCE ON ENVIRONMENT 2021 (ICENV2021)	06/10/2021 07/10/2021	- INTERNATIONAL	<u>INDEXED</u>

PUBLICATION

(Type) , (Publication) , (Publication Date) , (Percentage & Type Of Contribution)

CATEGORY : REFEREED PUBLICATION

Journal , A Generic Multi-dimensional Model-based System for Batch Cooling Crystallization Processes , 25/01/2011 , 100% hasil kerja

Journal , A Systematic Framework for Design of Process Monitoring and Control (PAT) Systems for Crystallization Processes , 03/03/2013 , 100% hasil kerja

Journal , Fault Detection and Diagnosis (FDD) for Gas Density Monitoring using Multivariable Statistical Process Control (MSPC) , 03/01/2011 , 50%/ corresponding author

Journal , Properties Prediction of Torrefied Municipal Solid Waste Using Linear Correlation Model , 15/03/2019 , 25%. Co-author and corresponding author

Conference Paper , Synthesis Gas Production of Food and Wood Wastes in a Fluidized Bed Gasifier Using Thermodynamic Equilibrium Model , 24/07/2019 , 25%. Co-author and corresponding author

Conference Paper , Evaluation of controlled cooling for seeded batch crystallization incorporating dissolution , 24/07/2019 , 25%. Co-author and corresponding author

Journal , Molecular spectroscopy characterization of binary liquid mixtures using attenuated total reflectance-fourier transforms

infrared approach , 01/03/2019 , 40%. Co-author

Conference Paper , **Supersaturation control using analytical crystal size distribution estimator for temperature dependent in nucleation and crystal growth phenomena** , 19/03/2018 , 50%. Co-author and corresponding author

Journal , **Anhydrous weight loss prediction of meranti sawdust during torrefaction using Rousset model** , 19/03/2018 , 25%. Co-author

Journal , **Estimation of higher heating value of torrefied palm oil wastes from proximate analysis** , 16/11/2017 , 25%. Co-author and corresponding author

Journal , **Torrefaction of municipal solid waste in Malaysia** , 16/11/2017 , 50%. First author and corresponding author

Journal , **Modelling anhydrous weight loss of torrefied wood sawdust** , 16/11/2017 , 25%. Co-author and corresponding author

Conference Paper , **Torrefied biomass gasification: A simulation study by using empty fruit bunch** , 25/10/2017 , 30%. Co-author and corresponding author

Conference Paper , **Proximate analysis and calorific value prediction using linear correlation model for torrefied palm oil wastes** , 25/10/2017 , 25%. Co-author

Journal , **Development of kinetics model for torrefaction of empty fruit bunch from palm oil waste** , 01/06/2017 , 25%. Co-author.

Journal , **Physicochemical property changes and volatile analysis for torrefaction of oil palm frond** , 20/03/2017 , 25%. Co-author.

Journal , **Achieving the target crystal size distribution in the case of agglomeration and breakage for batch cooling crystallization process** , 20/03/2017 , 30%. Co-author and corresponding author.

Journal , **Effect of torrefaction on palm oil waste chemical properties and kinetic parameter estimation** , 20/03/2017 , 25%. Co-author

Journal , **Effects of purification on the hydrogen production in biomass gasification process** , 20/03/2017 , 25%. Co-author and corresponding author

Journal , **Achieving the target crystal size distribution in the case of agglomeration and breakage for batch cooling crystallization process** , 26/01/2017 , 30%. Co-author and corresponding author

Journal , **Integrated gasification and fuel cell framework: Biomass gasification case study** , 15/02/2016 , 30%. Co-author

Journal , **Reducing the effect of input uncertainties using model predictive control for crystallization process** , 15/02/2016 , 75%. First author and corresponding author.

Journal , **A generic thermodynamic equilibrium model-based framework for biomass gasification processes** , 15/02/2016 , 30%. Co-author and corresponding author.

Journal , **Measurement and prediction of fuel oxygenates mixtures excess thermophysical properties: A review** , 15/02/2016 , 10%. Co-author

Journal , **Investigation of impregnated commercial rice husks activated carbon with alkanolamine as carbon dioxide adsorbent** , 15/02/2016 , 10%. Co-author.

Journal , **Energy efficient distillation columns designs for retrofit NGL fractionation process** , 13/07/2015 , 10%. Co-author

Journal , **Methodology development for designing energy efficient distillation column** , 12/01/2015 , 15%. Co-author

Journal , **Methodology development of a flexible and operable energy integrated distillation columns** , 12/09/2014 , 15%. Co-author

Journal , **Introducing uncertainty analysis of nucleation and crystal growth models in process analytical technology (PAT) system design of crystallization processes** , 11/06/2013 , 75%. First author

Journal , **Systematic identification of crystallization kinetics within a generic modelling framework** , 01/08/2012 , 75%. First author

Journal , **Integration of generic multi-dimensional model and operational policies for batch cooling crystallization** , 12/06/2011 , 75%. Co-author.

Journal , **Control of process operations and monitoring of product qualities through generic model-based in batch cooling crystallization** , 28/05/2010 , 75%. First author

Conference Paper , **Development of kinetic models for torrefaction of logging residue and palm oil waste** , 25/07/2016 , 25%. Co-author

Conference Paper , **Performance comparison on biomass gasification reactor for hydrogen production** , 25/07/2016 , 25%. Co-author and corresponding author

CREATIVE WORKS

(Title) , (Date) , (Contribution)

No information, please enter your details

TRAINING

YEAR : 2021

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
KURSUS THE ROLE OF EXAMINERS IN PG ACADEMIC REQUIREMENT	24/03/2021	24/03/2021	BPB	SECARA DALAM TALIAN		ATTENDING THE COURSE
KURSUS MANAGING JOURNAL TOWARDS SCOPUS AND WOS INDEXING; ROLE AND RESPONSIBILITIES AS AN EDITORS	24/08/2021	24/08/2021	BPB	SECARA DALAM TALIAN		ATTENDING THE COURSE
WEBINAR SERIES ON RESEARCH AND PUBLICATION: STRATEGIZING RESEARCH DIRECTION DURING COVID-19 PANDEMIC	27/09/2021	27/09/2021	JABATAN PENYELIDIKAN	ONLINE		ATTENDING THE COURSE

YEAR : 2020

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
PETUGAS PEPERIKSAAN AKHIR SEMESTER 1 SESI AKADEMIK 2019/2020	02/01/2020	19/01/2020	PUSAT PENGURUSAN AKADEMIK (PPA)	DEWAN SERBAGUNA, FTKEE, FTKMA, FTKPM		ATTENDING THE COURSE
PETUGAS PEPERIKSAAN KE-16	09/01/2020	17/01/2020	PPA	UMP GAMBANG		ATTENDING THE COURSE
MAJLIS TOWNHALL STAF FTKKP 2020	07/02/2020	07/02/2020	FTKKP	DEWANTUN FATIMAH		ATTENDING THE COURSE
URUSETIA PEPERIKSAAN AKHIR SEMESTER II SESI AKADEMIK 2019/2020	17/08/2020	23/08/2020	PUSAT PENGURUSAN AKADEMIK	UNIVESTITI MALAYSIA PAHANG		ATTENDING THE COURSE
MESYUARAT MAJLIS FAKULTI (KHAS) DAN BOE SEM 2 SESI 2019/2020	03/09/2020	03/09/2020	FTKKP	AUDITORIUM PERPUSTAKA AN UMP GAMBANG		ATTENDING THE COURSE
PROGRAM PEMANTAPAN ORGANISASI, TRANSFORMASI DAN MOTIVASI DIRI KOLEJ KEJURUTERA	09/12/2020	09/12/2020	KKEJ	ASTAKA		ATTENDING THE COURSE

YEAR : 2019

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
BENGKEL ACTIVE LEARNIG FKKSA	03/07/2019	04/07/2019	FKKSA	BILIK TUN TEJA, UMP GAMBANG		ATTENDING THE COURSE

YEAR : 2018

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
LAWATAN KAJIAN IMPAK RACE	02/02/2018	02/02/2018	JPNI DAN UPM	DEWANTUN FATIMAH		ATTENDING THE COURSE
MAJLIS TOWNHALL DAN PENGHARGAAN STAF FKKSA 2018	12/02/2018	12/02/2018	FKKSA	ASTAKA UMP		ATTENDING THE COURSE
BENGKEL OBE AWARENESS AND IR 4.0 DI FAKULTI KEJURUTERAAN KIMIA	25/06/2018	25/06/2018	FKKSA	BILIK SEMINAR TUN FATIMAH		ATTENDING THE COURSE

YEAR : 2017

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
TOWN HALL : MULTITRACK CAREER PATHWAY (FOR DS ONLY)	19/01/2017	19/01/2017	CAIC	ASTAKA, UMP GAMBANG		ATTENDING THE COURSE
MAJLIS AMANAT TAHUNAN NAIB CANSELOR 2017	16/02/2017	16/02/2017	PENDAFTAR	KOMPLEKS SUKAN UMP KAMPUS GAMBANG		ATTENDING THE COURSE
MESYUARAT PENETAPAN KPI DAN SKT 2017 FKKSA	10/03/2017	12/03/2017	FKKSA	VISTANA HOTEL, KUANTAN		ATTENDING THE COURSE
MAJLIS PELANCARAN PEMBINAAN KOLEJ KEDIAMAN MAWADDAH DAN MAJLIS SAMBUTAN HARI RAYA	06/07/2017	06/07/2017	UMP	DATARAN PAP		ATTENDING THE COURSE

AIDILFITRI TAHUN 1438H/2017

PROGRAM INSTITUTE OF CHEMICAL ENGINEERS (ICHEME) CHARTERED PROFESSIONAL REVIEW PREPARATION (CPR) COURSE	25/10/2017	26/10/2017	BPB	DEWANTUN TEJA 2, UMP GAMBANG	ATTENDING THE COURSE
TAKLIMAT MANUAL AKREDITASI PROGRAM KEJURUTERAAN 2017 OLEH LEMBAGA JURUTERA MALAYSIA (BEM)	18/12/2017	18/12/2017	JHEAA DAN FKKSA	AUDITORIUM PERPUSTAKAAN, KAMPUS GAMBANG	ATTENDING THE COURSE

YEAR : 2016

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
SAMBUTAN MAULIDUR RASUL 1437H PERINGKAT UMP	07/01/2016	07/01/2016	PIMPIN, PNC DAN BKSU	KPU DAN MASJID UMP KAMPUS PEKAN		ATTENDING THE COURSE
BRIEFING ON NEW CO/PO (FKKSA WORKSHOP)	04/02/2016	04/02/2016	FKKSA, UMP	DEWAN BANQUET CANSELERI, UMP GAMBANG		ATTENDING THE COURSE
MAJLIS AMANAT DEKAN FKKSA 2016	19/02/2016	19/02/2016	FKKSA, UMP	ASTAKA UMP GAMBANG		ATTENDING THE COURSE
TOWNHALL BY DEAN FKKSA-REFINEMENT OF FACULTY ORGANISATIONAL	23/03/2016	23/03/2016	FKKSA	AUDITORIUM LIBRARY GAMBANG		ATTENDING THE COURSE
MAJLIS JAMUAN HARI RAYA FKKSA DAN KNOWLEGDE SHARING	01/08/2016	01/08/2016	KELAB KEBAJIKAN FKKSA	ASTAKA, UMPA GAMBANG		ATTENDING THE COURSE

YEAR : 2015

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
MAJLIS AMANAT TAHUNAN NAIB CANSELOR 2015	25/02/2015	25/02/2015	BLPK	KOMPLEKS SUKAN UMP		ATTENDING THE COURSE
ENGINEERING ACTIVE LEARNING	21/04/2015	22/04/2015	FKKSA	DEWANTUN TEJA, BLOK V, UMP		ATTENDING THE COURSE
BENGKEL PANDUAN PENYEDIAAN SOALAN MENGIKUT OBE DAN BLOOM TAXONOMY	30/09/2015	30/09/2015	FKKSA	DEWAN BANQUET CANSELERI, UMP		ATTENDING THE COURSE
BENGKEL LATIHAN JURUAUDIT PROGRAM PEMBELAJARAN SEPANJANG HAYAT (PSH)	18/11/2015	18/11/2015	UMP ADVANCED EDUCATION	BILIK SEMINAR, PERPUSTAKAAN UMP GAMBANG		ATTENDING THE COURSE

YEAR : 2014

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
MAJLIS AMANAT TAHUNAN NAIB CANSELOR 2014	19/02/2014	19/02/2014	PNC	DEWAN KOMPLEKS SUKAN		ATTENDING THE COURSE

YEAR : 2008

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
SHORT COURSE ON INTRODUCTION TO CFD 2008	16-06-2008	19-06-2008	School of Aerospace Engineering USM Pulau Pinang	Kampus Kejuruteraan USM Pulau Pinang	SHORT TERM COURSE	COURSE PARTICIPATION
RSCE-SOMCHE 2008	02-12-2008	03-12-2008	Department of Chemical & Process Engineering, Faculty of Engineering,	Impiana KLCC Hotel & Spa Kuala Lumpur	SHORT TERM COURSE	PAPER PRESENTER

YEAR : 2007

<u>Training Name</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Type</u>	<u>Role</u>
KURSUS INDUKSI MODUL UMUM KUMPULAN PENGURUSAN & PROFESIONAL SERTA SOKONGAN 1 (GRED 27 KE ATAS)	18-08-2007	30-08-2007	JABATAN PENDAFTAR	SANCTUARY BEACH RESORT, BESERAH	SHORT TERM COURSE	COURSE PARTICIPATION
EUROPEAN CONGRESS OF CHEMICAL ENGINEERING	16-09-2007	21-09-2007	Denmark Technical University	Copenhagen Congress Center, The Bella Center, Denmark	SHORT TERM COURSE	PAPER PRESENTER
KURSUS INDUKSI MODUL KHUSUS BIL.2/2007	18-09-2007	19-09-2007	JABATAN PENDAFTAR, UMP	DKU1, BLOK W, UMP	SHORT TERM COURSE	COURSE PARTICIPATION
RISK ASSESSMENT IN CHEMICAL PROCESSES THROUGH CASE STUDIES	05-11-2007	06-11-2007	School of Chemical Engineering, USM	USM, Penang	SHORT TERM COURSE	COURSE PARTICIPATION

UNIVERSITY SERVICES

YEAR : 2016

<u>Description</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Role</u>
Dilantik sebagai Ketua Program	01/09/2016	31/08/2018	UMP	FAKULTI TEKNOLOGI KEJURUTERAAN KIMIA DAN PROSES	Dilantik sebagai Ketua Program

YEAR : 2014

<u>Description</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Role</u>
Dilantik sebagai Ketua Program	01/09/2014	31/08/2016	UMP	FAKULTI TEKNOLOGI KEJURUTERAAN KIMIA DAN PROSES	Dilantik sebagai Ketua Program

COMMUNITY SERVICES

YEAR : 2014

<u>Description</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Role</u>
Sirih Pulang Ke Gagang (Spkg) 2014	26/04/2014	27/04/2014	Alumni Anseri	Mrsm Beseri	Facilitator

YEAR : 2015

<u>Description</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Role</u>
Fkksa Flood Victim Aid	15/01/2015	16/01/2015	Fkksa Ump	Maran Pahang	Volunteer
Sirih Pulang Ke Gagang (Spkg) 2015	19/04/2015	20/04/2015	Alumni Anseri	Mrsm Beseri	Facilitator

YEAR : 2016

<u>Description</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>	<u>Venue</u>	<u>Role</u>
Sirih Pulang Ke Gagang (Spkg) 2016	09/04/2016	10/04/2016	Alumni Anseri	Mrsm Beseri	Facilitator

YEAR : 2017

<u>Description</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>		<u>Venue</u>	<u>Role</u>
Sirih Pulang Ke Gagang (Spkg) 2017	08/04/2017	09/04/2017	Alumni Anseri	Mrsm Beseri		Facilitator

YEAR : 2018

<u>Description</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>		<u>Venue</u>	<u>Role</u>
Sirih Pulang Ke Gagang (Spkg) 2018	14/04/2018	15/04/2018	Alumni Anseri	Mrsm Beseri		Facilitator

YEAR : 2019

<u>Description</u>	<u>Date From</u>	<u>Date To</u>	<u>Organizer</u>		<u>Venue</u>	<u>Role</u>
Corporate Social Responsibility (Csr) For Spm Candidate From	06/08/2019	07/08/2019	Persatuan Staf Akademik (Pakad) Ump	Ump		Facilitator
Sirih Pulang Ke Gagang (Spkg) 2019	05/04/2019	07/04/2019	Alumni Anseri	Mrsm Beseri		Facilitator