

CURRICULUM VITAE
B. ENG. (HONS) CHEMICAL ENGINEERING

MUHAMAD NAZMI AHMAD KAMIL

Lot 3303 Batu 17,
33700 Padang Rengas,
Perak.

Telephone : 012-4419839

Email : nazmi.ahmadkamil@gmail.com



ACADEMIC ACHIEVEMENT

Universiti Malaysia Pahang
2011-2015

Bachelor of Chemical Engineering (Gas Technology)

CGPA : 3.16

Awards : Deans Award 2015

Penang Matriculation College
2010-2011

Physical Science

CGPA : 3.00

Clifford School Kuala Kangsar
2005-2009

SPM : 2A 3B 3C

PMR : 5A 3B

Awards : Best Mathematics Student

WORKING EXPERIENCE

UNIVERSITI MALAYA
(Aug 2016 – Current)

Position: Project Officer (IP, Commercialize, Data Analyst)

Skills Acquired: Communication skills, Teamwork, Time Management, Planning skills

Contribution: Handle project for patent application grant scheme. Organize and promotion events on IP protection and management on intellectual property. Collaborate with business development team to share commercialization expertise and to identify and augment market ready opportunities for success. Promote awareness and understanding amongst team to collaborative initiatives that drive the commercialization of IP through license transfer to and successful commercialization to industry.

GEES10 PETRONAS
(Nov 2015 – July 2016)

Position: Trainee / Production Surveillance (Peninsular Malaysia Operation)

Skills Acquired: Planning skills, Communication skills, Presentation skills, Leadership skills, Time management, Teamwork.

Contribution: Plan and execute well test for Dulang in achieving 100% compliance. Assist Dulang offshore team on the water and gas daily injection to comply monthly target. Established a database for each Water Injection, Daily Operation Report and Well Test. Registered monthly Well Idle Inventory on Dulang well performance.

UNIVERSITI MALAYSIA PAHANG
(Aug 2015 - Oct 2015)

Position: Research Assistant

Skills Acquired: Analytical Skills, Communication skills, Interpersonal skills, Time management

Achievement: Successful in Synthesising Ionic Liquids, Bis(2-hydroxyethyl)Ammonium Acetate (BHEAA) as well as Foaming Behaviour In CO₂ Absorption Process using Ionic Liquids BHEAA.

DSSB PALM OIL MILL, GAMBANG

(June 2014-Sept 2014)

Position: Lab Assistant

Skills Acquired: Analytical Skills, Presentation skills, Interpersonal skills, Planning skills

Achievement: Execute successfully Palm Oil Product Quality Give Away Optimization project. Achieved daily and monthly Kernel Extraction Rate and Oil Extraction Rate target. Run daily analysis and preserving quality of palm oil and kernel.

Kuala Kangsar Safari Resort

Position: Banquet Server

Skills Acquired: Time Management, Planning skills, Presentation skills, Communication skills

Contribution: Plan, organize and set-up wedding decorations, dinner events and ensure that layouts are organized according to instructions.

ACADEMIC PROJECTS**Undergraduate Research**

(2014)

Title: Foaming Behaviour In CO₂ Absorption Process

Using Aqueous Solution Of Single And Blended Ionic Liquids (ILs) With N-Methyldiethanolamine (MDEA)

Accomplishment: Investigate the foaming behavior of Ionic liquids for effective capture of CO₂. Study the foaming behavior on variation of temperature

Plant Design Project

(2014)

Title: Production Allyl Chloride

Accomplishment: Utilize all basic and elective course. Led a team of five chemical engineering students in developing the Allyl Chloride production plant. Complete analysis including conceptual design, simulation, heat integration, P&ID strategy, safety and waste treatment, and economic evaluation.

ACADEMIC COURSES

Gas Process Utilization
Gas Transmission Distribution
Process Engineering Economics
Process Control & Dynamics
Gas Storage & Reticulation
Electrical & Instrumentation Tech
Computer Programming

Numerical Methods & Optimization
Science & Engineering Materials
Chemical Reaction Engineering
Oil & Gas Production
Unit Operation
OSH In Oil & Gas Industries
Thermodynamics

Material & Energy Balance
Physical Chemistry
Separation Process
Mass & Heat Transfer
Engineering Mechanics
Applied Calculus
Ordinary Differential Equations

LEADERSHIP EXPERIENCES**Expoconvo 2013**

Position : Program Coordinator

Cooperate with the Team Leader's ensuring the programme runs accordingly

Lead event for UMP Berselawat 2.0, Kids Day and Bual Bicara Expoconvo

Futsal**Position :** Vice Captain

Interviewed potential players to participate in the district event
2nd placed in Karnival Sukan Kimia 2013
1st placed in Karnival Sukan Kimia 2014
Achieved 3rd placed in Futsal Expoconvo 2014

Badminton**Position :** Team Player

- Perform a partnership in the district event
- Achieved 2nd runners up in the competition

Position : Team Coach

- Trained 4 players and participated in the inter-Matrices Badminton competition
- Achieved 2nd place and 3rd place in the competition

CO-CURRICULUM INVOLVEMENTS**UNIVERSITY**

DIRECTOR : Kembara PAHANG FM Bersama Fraser Hills (2014)
DIRECTOR : SHARE , LOVE AND CARE FOR OUR GAS TECHNOLOGY COMMUNITIES (2013)
SECRETARY : Kembara PAHANG FM with UMP in Kuala Lipis (2012)
SECRETARIAT : Student Representative Council 2013/2014
EXCO : Aspirasi Kimia (2012)
EXCO : CHEM-E-CAR (2013)
EXCO : Program Selangkah Ke UMP Bersama Anak-anak Janda Baik (2012)
PARTICIPANT : TRANSEAD MAKLUK (2013)
PARTICIPANT : I AM LEAD 2 (2014)
PARTICIPANT : UMP Volunterism (SUKARELAWAN BANJIR 2013 AND 2014)
PARTICIPANT : PERAK INTERNATIONAL MOUNT BUJANG MELAKA CHALLENGE 2014
MEMBER : PROGRAM ENGLISH, SCIENCE, AND MATHEMATICS (E-MAS) with BASF PETRONAS (2012)

SKILLS**Computer and Software Skills**

Microsoft Office	●●●●●
Aspen Hysis	●●●●○
Matlab	●●●●○
Photoshop	●●●●○
Wordpress	●●●●○

LANGUAGE PROFICIENCY**Language**

Bahasa Melayu	●●●●●
English	●●●●○
German	●●○○○

REFERENCES**Production Surveillance,**

Murugesan A/L Pachiapan
Petronas Carigali Sdn Bhd,
Peninsular Malaysia Operation (PMO),
24300 Kerteh, Terengganu Darul Iman.
Tel: +6012-9455584
Email: murugesan_pachiapan@petronas.com.my,

Research Supervisor

Malyanah Bt. Mohd Taib
Faculty of Chemical Engineering & Natural
Resources,
Universiti Malaysia Pahang,
Lebuhraya Tun Razak,
26300 Gambang Kuantan,
Pahang Darul Makmur.
Tel: +6013-7790949
Email: malyanah@ump.edu.my

