



CONTACT

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Nationality: Malaysia**

EDUCATION

2017

**Certified Support Centre
Professional**

2013-2017

**Bachelor Of Engineering (Hons.)
Chemical And Process
Universiti Teknologi Mara (UiTM)
CGPA: 3.15/4.00**

2010-2012

**Diploma in Chemical Engineering
Universiti Teknologi Mara (UiTM)
CGPA: 3.33/4.00**

2008-2009

**Siil Pelajaran Malaysia (SPM)
Sek. Men. (A) Sultan Ismail
Result: 5A 4B 2C**

SOFTWARE SKILLS

**Autocad
MATLAB
ASPEN HYSYS
Microsoft Office**

NURUL AFIDAH BT. MAZELAN

**Bachelor Of Engineering (Hons.) Chemical and
Process
Universiti Teknologi MARA (UiTM)**

FINAL YEAR PROECT

**EFFECT OF FEED FLOW RATE AND ADDITION OF MALTODEXTRIN
TOWARDS SPRAY DRYING OF PINEAPPLE**

- Study the principal process of spray dryer machine to convert raw material of pineapple into powder.
- The parameter analyzed are the effect of feed flow rate and concentration of maltodextrin towards the powder yield.
- Study the physicochemical properties of pineapple powder.

FINAL YEAR DESIGN PROJECT

**PRODUCTION OF 100,000 METRIC TONNE OF PARAXYLENE
PER YEAR**

Carry out feasibility study and conceptual design of paraxylene production plant with respect to process selection, safety, economic potential, equipment design and effect towards public's health and environment.

INDUSTRIAL EXPOSURE

PETRONAS PENAPISAN TERENGGANU SDN. BHD. (PPTSB)
Attachment: Technical Service Department
Duration : 3 Months

Responsibilities and Jobscope:

- 1) Study the process flow in Naphtha Hydrotreating Unit (NHTU) for Kerteh Refinery 1 and Kerteh Refinery 2.
- 2) Perform the calculation for furnace efficiency for year 2016 to monitor furnace performance.
- 3) Perform the heat duty calculation for heat exchanger at NHTU KR1 for year 2015 and 2016 to monitor and evaluate the efficiency and performance of heat exchanger.
- 4) Take part in choir performance during National Day Merdeka Celebration.

WORKING EXPERIENCES

**2017: August - November
Aegis BPO Malaysia SDN. BHD
Position: Customer Service**

**2013: January - March
Mahsuz Hijab Gallery
Position: Sale Girl**

RELEVANT COURSEWORKS

- Plant Design
- Mechanical Design
- Process Simulation
- Chemical Reaction
- Advanced Chemical Reaction
- Project Management
- Chemical Process Control
- Particle Technology
- Process Control Practices
- Heat Transfer
- Material and Energy Balance
- Advanced Differential
- Environmental Impact Assessment
- Environmental Management System
- Advanced Differential
- Chemical Process

PROJECTS

Environmental Impact Assessment of Liquefied Petroleum Gas Plant

-Course: Environmental Impact Assessment

-Assessing the significant potential impact of LPG plant towards public and environment and identify mitigation measure that will be taken.

Beach Cleaning Day

-Course: Leadership and Ethics

-Organize one day program with Majlis Perbandaran Alor Gajah, Melaka to clean the beach and to increase public awareness towards the environment

EXTRA CURRICULAR ACTIVITIES

- 2016
 - Graduate Employability Program (Participant)
 - PP(T)SB National Day Merdeka Celebration (Participant)
- 2015
 - Faculty Chemical Engineering Symposium, FACES (Participant)
 - A Day of Love with Orphans (Volunteer)
- 2014
 - UiTM Night Run (Participant)
 - Oil and Gas Week (Publicity Committee Members)
 - Resume, Writing It Right (Committee Members)
- 2013
 - International Innovation, Design and Articulation, i-IDEA (Participant)
- 2012
 - National Chemical Engineering Symposium, NACES (Participant)
 - Science Day Program (Secretary)

REFERENCES

Syafiza Bt. Abd. Hashib

**Lecturer and Supervisor for Final
year project**

**Faculty of Chemical Engineering,
UiTM, Shah Alam.**

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**Associate Professor Dr Md Amin Bin
Hashim**

Senior Lecturer

**Faculty of Chemical Engineering,
UiTM, Shah Alam**

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Ahmad Firdaus Bin Hashim

Process Engineer

**Petronas Penapisan Terengganu
SDN. BHD. (PPTSB)**

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