



Merlela Binti Madsah,
Lot. 20, Kampung Muhibbah, Petagas,
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PERSONAL PARTICULARS

NRIC : 940615-12-5038
Nationality : Malaysian
Languages : Bahasa Malaysia/English – proficient both oral and Written
Sponsorship : Shell Malaysia Scholarship

EDUCATION BACKGROUNDS

2013 – 2017 : Bachelor Degree in Engineering (Chemical)
CGPA: 3.3
2012 – 2013 : Foundation in Science, University of Malaysia Sabah
CGPA: 3.58
2011 : SPM, Maktab Sabah
6A, 4B

AWARD AND ACHIEVEMENT

2017 : Dean's List from Universiti Malaysia Sabah
8th Semester; CGPA: 3.63
June 2017 : Completion of research project
Title: *Optimization Study of Denitrogenation of Model Fuel Using Modified Activated Carbon*
June 2017 : Completion of Plant Design Project
Title: *Gas to Liquid Plant*
2014 : Shell Malaysia Scholarship Award 2014

EXTRA CURRICULAR ACTIVITIES

Apr 2017 : Participant, Shell Middle Distillate Synthesis (SMDS), Bintulu Field Trip
Mar 2017 : Participant, IEM Career Talk 2017
Sep 2016 : Participant, 2-Day Shell-UMS Prestige Workshop
Nov 2015 : Photography team, IJM and IOI palm oil, Sandakan visit

Oct 2015	:	Protocol team, Sabah Oil and Gas Terminal, and Sabah Ammonia Urea visit
Sep 2015 – Nov 2015	:	Editorial Board, Chemical Engineering Student Club Magazine Version 8
May 2015	:	Treasurer, Petronas Methanol Labuan Field trip
Sep 2014 – Nov 2014	:	Supervisor, UMS Mini Chem-E-Car 3.0
Nov 2013	:	Participant, UMS Mini Chem-E-Car 2.0

WORKING EXPERIENCE

Universiti Malaysia Sabah (Sep 2017 – Jan 2018)

Research assistant

- Project: Evaluation on Solubility of Wax and Asphaltene in Crude Oil to Improve the Flow Properties
- Assisting in research project and experimental laboratory to determine the optimum value of the parameter
- Assisting in order task such as supervising students with other projects

Universiti Malaysia Sabah (Sep 2016 – June 2017)

Research student

- Project: Removal of Nitrogen from Crude Oil using Modified Activated Carbon
- Assisting in research project and experimental laboratory to determine the optimum value of the parameter

Yanmar Kota Kinabalu R&D Center Sdn. Bhd (June 2016 – Sep 2016)

Intern

- Assisting in research project and experimental laboratory to run sample test of lubricants, crude oil and palm oil
- Analysing the result of the test to detect any irregularity in the sample

REFERENCES

**1. Dr. Rachel Fran Mansa
(Associate Professor)**
Faculty of Engineering,
Jalan UMS, 88400 Kota Kinabalu,
Sabah.
Tel.: 010-9313678
Email: rmansa@gmail.com

**2. Dr. S. M. Anisuzzaman
(Senior Lecturer)**
Faculty of Engineering,
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Sabah.
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