

CATHERINA ANAK JANDA

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INDUSTRIAL EXPOSURE

2016 JULY – 2016

SEPTEMBER (12 WEEKS)

TRAINEE – LAKU Management Sdn Bhd (Lambir Water
Treatment Plant)

- Attached with production section under the supervision of Production Officer
- Understand the operation and functioning of water treatment process
- Analyzed raw water sources and challenges faced by the industry
- Assisted in water quality analyses of the water samples
- Assisted in data monitoring process control and maintenance program
- Proposed mini project entitled Reuse of Sludge in Agriculture and successfully completed the mini project

EDUCATION

2013 - 2016

Universiti Malaysia Sarawak (UNIMAS) – Bachelor of Science
with Honours in Resource Chemistry

- Graduated on November 17, 2016 with CGPA 3.13.
- **Final Year Project**

Title: Removal of Phenol Using Non-Ionic Surfactant BRIJ 35

- ✓ Develop strategies by applying extraction method (Cloud Point Extraction) to remove phenol by using non-ionic surfactant BRIJ 35 from aqueous phase.
- ✓ Observed and gathered information concerning the parameters in order to determine the optimum conditions for the extraction process (temperature, pH, centrifugation period and surfactant concentration).
- ✓ Creates ideas by utilizing UV-Vis spectrometer to determine the extraction efficiency percentage of phenol.

2011 - 2012

Kolej Matrikulasi Labuan (KML) Federal Territory of Labuan –
O' Level / Matriculation

- Pass and completed Matriculation college with CGPA 3.04

2007 - 2011

Sekolah Menengah Kebangsaan Lutong (SMKL) Miri, Sarawak

- 2011 – Sijil Pelajaran Malaysia (SPM) results eligible for certification
- 2009 – Penilaian Menengah Rendah (PMR) (7A'S)

SKILLS

Computer Skill	<ul style="list-style-type: none">• Microsoft Offices (Experts)• IBM SPSS (Intermediates)• ChemDraw (Intermediates)
Language Competency	<ul style="list-style-type: none">• Fluently spoken and written in Bahasa Malaysia• Fluently spoken and written in English
Laboratory Skill	<ul style="list-style-type: none">• Collect and analyze water samples (raw water, settled water, filtered water and potable water)• Run water samples using instruments (HACH Turbidimeter, Lovibond Nessleriser, HACH Senslon 3 pH meter, Palintest Colour Comparitor, HACH DR 2500 Spectrophotometer, UV-Vis Spectrophotometer)
Soft Skill	<ul style="list-style-type: none">• Able to work and complete work efficiently under stress condition• Work in a team to develop new idea

REFERENCES

Amira Satirawaty binti Mohd Pauzan (Mrs.)

Final year project supervisor

Universiti Malaysia Sarawak (UNIMAS)

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Lau Seng (Prof Dr)

Director of Centre for Water Research

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