



JENEFER JEIMIS

Postal Address: Kampung Bundu Apin-Apin Peti Surat 2286 89007 Keningau Sabah.

Phone Number: 013-5419412

Email Address: jene4jeimis@gmail.com

PERSONEL PROFILE

Nationality: Malaysian

Gender: Female

Date of Birth: 25 of May 1995(Age: 23)

Languages: Fluent in written and spoken in English and Malay

EDUCATIONAL AND QUALIFICATION

2014-2017: Bachelor of Science with Honours (INDUSTRIAL CHEMISTRY)

2013-2014: Science in Labuan Matriculation College

2011-2012: Sijil Pelajaran Malaysia (SPM)

EXPERIENCES

INDUSTRIAL TRAINING

SOOK OIL MILLS SDN.BHD

Process control and Laboratory

(July 2017- September 2017)

Responsibility:

- Do the Crude palm oil and Palm kernel analysis (FFA%, DOBI%, Moisture and IMP %)
- Reporting the quality analysis of crude palm oil for every one hour
- Do the daily boiler water treatment test
- Do the daily crude palm oil and palm kernel sounding

Others:

- Learned the process control at mill process
- Visited palm oil mill effluent (POME)

RESEARCH EXPERIENCE

Final year project dissertation: Extraction, Characterization and comparison of the properties of palm mesocarp oil and palm kernel oil as biodiesel feedstocks.

- Extracted the palm mesocarp oil and palm kernel oil via Soxhlet extraction
- Studied the physico-chemical of palm oil and palm kernel
 - **Atomic Absorption spectrophotometer (AAS)**: Determination of heavy metals content (Nickel, Chromium & Zinc).
 - **Fourier Transform infrared (FTIR)**: Determination of functional group in both oil.
 - **Gas chromatography-Mass spectroscopy (GC-MS)**: Determination of fatty acids in both oil.
 - Compared the value of **acid**, **pH** and **density** in both oil.

ACTIVITIES

2009: Represent marching competition, Sabah state

2012: Represent Netball tournament, District of Keningau

2012: Represent uniformed unit camping, Sabah state

2015: CEO@Faculty programme, university

2015: Basic Entrepreneurship day

2015: Program seranta diplomasi seri 1, Sabah state

ADDITIONAL INFORMATION

- Computer skills (Microsoft office, SPSS and ChemDraw)
- Laboratory skills (Titration, UV-VIS, GC-MS, FTIR and Soxhlet extraction)

REFERENCE

Academic supervisor

Name: Dr. Mohd Sani Bin Sarjadi

Position: Lecturer

University: Universiti Malaysia Sabah

Phone Number: 014-282 2647

Email address: sanisarjadi@gmail.com

Internship Supervisor

Name: Agnesius Muslin

Position: Assistant Manager

Company: Sook oil mills Sdn.Bhd

Phone Number: 016-814 8677