



**UMI SYAHIRAH BINTI
MOHD AMIN**

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✉ umisyahirah93@gmail.com

**Bachelor of Engineering
(Hons) Chemical**

Universiti Teknologi
PETRONAS
(CGPA: 2.99)

Language:

- Malay: Good
- English: Fair

Skills:

- MS Office
- SOLIDWORKS
- AutoCAD

Personal Referee:

Norain Shahrom
(Sales & Service Engineer
KGC Resources Sdn. Bhd)
+60333412880
ain01kgc@gmail.com

PRACTICAL TRAINING EXPERIENCE

KGC RESOURCES SDN. BHD, SETIA ALAM, SELANGOR

- Industrial trainee
- Research and Development Department
- Had experience in designing a photobioreactor for a client and a glove box by using SolidWorks software.

ACADEMIC COURSE TAKEN

- Major in Process Plant Safety.
- Foundation course: Vector Calculus, Physical & Organic Chemistry
- Basic Engineering: Fluid Mechanics, Thermodynamics and Mass & Heat Transfer.
- Labs: Unit Operations, Reaction Engineering, Safety & Environment, Process Control and Process Design.

PROJECT INVOLVEMENT

- Enhanced Hydrogenated Castor Oil Production via Glycerol-based Hydrogenation Process.
- Properties of Pyrolytic Bio-products from Microalgae (Freshwater and Oceanic Species) – (Final Year Project)
- Design of Vinyl Chloride Monomer Plant (Plant Design Project)

ACHIEVEMENT AND ACTIVITIES

- SEKRETARIAT RAKAN MUDA UNIVERSITI TEKNOLOGI PETRONAS
Secretary 2
Preparing the documentation for the organization and monitor the events that was held by the organization.
- MINGGU ALUAN SISWA 2014
Assistant head of Department Community Service (Jan-intake)
Committee of Department Food and Beverage (May-intake)
- SOUSDAY CAMBODIA 2013
Secretary
- MOMENT TO SHARE RUMAH SERI KENANGAN 2013
Head of Department Activities and Event (May)
- VILLAGE 5 STUDENT REPRESENTATIVE 2013
Head of Department Welfare
- IHYA' RAMADHAN 2012
Assistant project manager
- SEHARI BERSAMA 2012
Head of Department Promotion and Publication
- V5 OPEN DAY 2012
Head of Department Promotion and Publication
- PETROBOT 2011
Secretary of Department Event and Management