

# SITI NORBAYA BINTI KAMARUDIN

**Nationality** : Malaysia      **Marital Status** : Single  
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Selangor.



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## **OBJECTIVE**

Seeking a career with a solid company utilizing the opportunity to offer proven and developing skills within the company, besides to enhance my interpersonal skills which would provide excellent opportunities for career advancement and personal growth.

## **EDUCATION**

### **UNIVERSITI TEKNOLOGI MARA (UiTM), SHAH ALAM**

Bachelor Degree in Chemical Engineering, CGPA 3.44/4.00

**2011 - 2015**

### **KOLEJ MATRIKULASI PAHANG**

Physics Stream, CGPA 3.66/4.00

**2010-2011**

### **SEKOLAH MENENGAH AGAMA KHAIRIAH**

SPM (7A, 3B, 2C)

**2005-2009**

## **EXPERIENCE**

### **KURITA WATER (M) SDN. BHD.**

- Service and maintenance of water and wastewater treatment.
- pH meter calibration, RO membrane cleaning, Media replacement (Sand Filter, Activated Carbon Filter & Resin).
- Site checking and site visit.
- Prepare Quotation, Purchase Order, Delivery Order and Invoice.
- Overall, this job requires a good relationship between suppliers and customers.

**MARCH 2016**

### **SURAWAKI ENVIRONMENTAL SDN. BHD.**

- Study Environmental Impact Assessment (EIA) study, Environmental Management Plan (EMP), Environmental Quality Monitoring (EQM), monitoring and site sampling.
- Prepare EMP reports, writing EQM reports.
- Assist monitoring and site sampling (water, noise and air sampling).
- Communicate with engineers at the construction site.
- Site visit.

**JULY – SEPT, 2014**

## **FINAL YEAR PROJECT**

**2014 - 2015**

### **DESIGN PROJECT I & II**

Title: Production of 10 000 metric tons of Polytetrafluoroethylene (PTFE).

- Design reactor for polymerization process of Tetrafluoroethylene to PTFE
- Illustrate the design of reactor in AutoCAD
- Perform economic analysis for the plant

## **RESEARCH PROJECT I & II**

Title: Hydrogel-Biochar derived from sawdust for heavy metals removal in wastewater.

- Synthesis the biochar from sawdust by pyrolysis process
- Upgrade the biochar by synthesizing hydrogel-biochar
- Analyze the hydrogel-biochar adsorption by using Atomic Absorption Spectroscopy (AAS)
- Analyze the pores of hydrogel-biochar by using Scanning Electron Microscope (SEM)

## **SKILLS**

Computer	Microsoft Office Applications (Word, Excel, Power Point, Visio) AutoCAD Aspen Plus HYSIS SAP (SBO)
Strength	Willing to share knowledge and good attitude. Able to work under pressure and adapt to new working environment. Responsible in team and willing to give full commitment. Hardworking and analytical thinking.
Languages	Fluent in speaking and writing in English. Fluent in speaking and writing in Bahasa Malaysia. Basic in speaking and writing in Mandarin. Basic in speaking and writing in Arabic.

## **EXTRA CURRICULAR ACTIVITIES**

### **UNIVERSITI TEKNOLOGI MARA (UiTM) SHAH ALAM (2011-2015)**

- Members of Chemical Engineering Society (CheSS)
- Secretariat of Sports (netball) for Faculty of Chemical Engineering
- Committee members for Chemical Engineering Challenge 2013(CHEC 13)
- Runner-up in Futsal matched for Chemical Engineering Challenge 2014 (CHEC 14)
- Participant in programme “anak angkat” in Sembrong, Johor

### **KOLEJ MATRIKULASI PAHANG (2010-2011)**

- Volleyball matched between college(3<sup>rd</sup> place)

### **SEKOLAH MENENGAH AGAMA KHAIRIAH (2005-2009)**

- School Resources Prefect
- Vice Secretary of Career Club
- Treasurer of English Club
- Members of Civil Defense Cadet

## **REFEREES**

### **Dr Azil Bahari Alias**

Deputy Dean/Supervisor Research Project I and II  
Faculty of Chemical Engineering, UiTM Shah Alam  
03-55436307/ 016-2051642  
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### **Puan Salasiah bt Abd. Rahman**

Operation Manager/Supervisor industrial training  
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