



MASDIANA BINTI MOHAMED SABIB

Bachelor of Engineering (Hons) Chemical and Bioprocess

Universiti Teknologi MARA



Permanent Address : **No 6, Lorong Taman Seri Bertam 4 , Taman Seri Bertam,13200 Kepala Batas, Pulau Pinang**
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PERSONAL DETAIL

NRIC : 940608-07-5212

Health : Excellent

Nationality : Malaysian

Driving License : D, B2

EDUCATION BACKGROUND

2013-2017 : **Universiti Teknologi MARA, Shah Alam,Selangor**
CGPA :2.84/4.00
2012-2013 : **Kolei Matrikulasi Pulau Pinang.**
CGPA: 3.58/4.00
2007-2011 : **SMK Bertam Indah, Kepala Batas, Pulau Pinang**
SPM : 7 A's 4 B's

SOFTWARE SKILLS

Engineering Related Software

MatLab
AutoCAD
Superpro

Others

Microsoft Word
Microsoft Excel
Microsoft Power Point

FINAL YEAR PROJECT

RESEARCH PROJECT :

Nanofibrous Bio-inorganic Hybrid Structure Formed through Self-assembled Peptide (FKFSFEFEFKFK)

- to study synthesise of the hydroxyapatite (HAP) and characterize the nanoparticles structures
- to synthesize the nanofibrous hybrid structure formed through self- assembled peptide (FKFSFEFEFKFK) with HAP as inorganic material.
- to characterize and analysis the morphology of nanofibrous hybrid structure formed through self- assembled peptide (FKFSFEFEFKFK) with water and sodium perchlorate.

DESIGN PROJECT :

Production 1,300 tonnes of Carboxymethyl Cellulose

- Design of liquid phase oxidation reactor.
- Learnt SOP, HAZOP, and Emergency Response Plan each of the equipment .
- Process control of each equipment used.
- Cost of manufacturing of the plant

INDUSTRIAL EXPOSURE

Merdeka Bakery Sdn.Bhd

1949 Jalan Bertam,
13200 Kepala Batas,
Seberang Perai Utara,
Pulau Pinang.



Department : **Manufacturing and Packaging**

Duration : June 2016- September 2016
(3 months)

Responsibilities and Job Scopes:

- Assist baker in cooking and preparations of bread, cakes and buns.
- Assist bakers in operating baking machineries and implements.
- Ensure that packaging with expiry date, manufacturer details and list of ingredients.
- Maintain the premises of baking area in a neat and hygienic manner.

WORKING EXPERIENCES

- Industrial training with Merdeka bakery.
- Taekwondo instructor of SPU martial art club.
- Cashier at 3M Serestu restaurant.

LANGUAGE

- Bahasa Malaysia
- English
- Bahasa Tamil

RELEVANT COURSEWORKS

- Fluid flow
- Process chemistry
- Material and energy balance
- Microbiology for bioprocess engineer
- Heat transfer
- Biochemistry and metabolic regulation
- Thermodynamics
- Genetic engineering
- Bioprocess control and instrumentation

- Separation processes
- Plant design and economics
- Project management
- Downstream processing
- Safety and health in chemical and bioprocess industries
- Quality management in food industry
- Introduction to food science and technology
- Food process engineering

EXTRA CURRICULAR ACTIVITIES

CATEGORIES	ACTIVITIES	POSITION
LEADERSHIP AND MANAGEMENT SKILL	Product Innovation & Pre-Commercialization Literacy Lab (Pre-Com Lab 2014) by MASMED UiTM 2014: Do a prototype that can be commercialized to the industry	Participant
	Group Leader of UiTM Engineering Weekend 2015 (UEW15)	Facilitator
	Empowering Rural Area : Education 2016 at Sk Air Tawar 5,Kota Tinggi	Exco transport and registration Facilitator
	UNESCO Ambassador of UiTM Training Workshop 2015	Participant
	Competition and Exhibition Research, Invention, Innovation and Design(RiID 2014)	Participant

CATEGORIES	ACTIVITIES	POSITION
CORPORATE SOCIAL RESPONSIBILITY	<ul style="list-style-type: none"> The 1st Summit For Non- Native Speakers of Mandarin in Malaysia programme organized by Mandarin Club of UiTM Shah Alam 	Stage Manager
	<ul style="list-style-type: none"> iM4U Volunteer Malaysia 2015 	Participant
	<ul style="list-style-type: none"> UiTM Chem-e-car Competition 2015 	Participant
	<ul style="list-style-type: none"> Institution of Chemical Engineers, ICHEME 	Participant
	<ul style="list-style-type: none"> Volunteering Together We Make Difference with cancer kids at Waterpark Shah Alam 	Facilitator
SPORTS	<ul style="list-style-type: none"> Malaysians United Run 2015 	Participant
	<ul style="list-style-type: none"> SPU Taekwondo championship 	Referee

TOP ACHIEVEMENT



Participated in Sukan Malaysia XV, Pahang

- 4th Dan Black belt in Taekwondo Malaysia
- State Kyorugi Referee Taekwondo

AWARD WINNING

- Winning Best Mandarin video “Duibuqi”
- Green car category in UiTM Chem-e car Competition 2015

REFERENCES

<p>Suhaila Bt Mohd Sauid Lecturer Faculty of Chemical Engineering Universiti Teknologi MARA, 40450 Shah Alam, Selangor Darul Ehsan 03- 55438417/ 019- 2446881 suhaila_sauid@salam.uitm.edu.my</p>	<p>Fauzan bin Haidar Ali Production Manager, Merdeka Bakery 1949 Jalan Bertam, 13200 Kepala Batas, Seberang Perai Utara, Pulau Pinang. 016-4355532 fauzan.haidarali@gmail.com</p>
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