

# HANISAH BINTI HASSAN

Bachelor of Engineering (Hons) Mechanical  
Majoring in Mechanical Engineering  
and  
Diploma in Mechatronic Engineering



AVAILABILITY  
IMMEDIATE

**Permanent Address** : No 1116, Kg Guar Kepah, 13200 Kepala Batas,  
Seberang Perai, Pulau Pinang.

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## PERSONAL DETAILS

|                                     |                                |                                |
|-------------------------------------|--------------------------------|--------------------------------|
| <b>Age</b> : 27 Years               | <b>Nationality</b> : Malaysian | <b>Marital Status</b> : Single |
| <b>Date of Birth</b> : 27 July 1990 | <b>Religion</b> : Islam        | <b>Driving License</b> : D     |

## EDUCATION BACKGROUNDS

**2012 - 2017 : UNIVERSITI TUN HUSSEIN ONN MALAYSIA**  
(CGPA DEGREE : 2.95)

**2009 - 2011 : POLITEKNIK SULTAN AZLAN SHAH**  
(CGPA DIPLOMA : 3.47)

**2003 - 2007 : SMK BANDAR BARU SENTUL**

## SOFTWARE SKILLS

Autodesk AutoCAD, Autodesk Inventor,  
Solid Works 2015

Microsoft Word, Microsoft Excel, Microsoft Power  
Point and Microsoft Publisher

## ACHIEVEMENTS

- Autodesk AutoCAD 2011 Certified Associate.
- SIEMENS Certified Mechatronic System Assistant (Electrical Components, Mechanical Components and Electrical Drives, Electro-Pneumatic and Hydraulic Control Circuits).
- Participated in Micro-Controller Arduino Practical Beginner Based Approach.
- Membership of Institute Materials Malaysia (IMM).
- Membership of NACE Founding Malaysia Section.
- Participated in Cathodic Protection and Field Visit (Level 1) by NACE Founding Malaysia Section.

## WORKING EXPERIENCED

### 1) SONY EMCS (MALAYSIA) SDN BHD

**Position** : Engineer (Internship)  
**Department** : Production Engineering  
**Duration** : June – November 2011  
**Responsibilities and job scopes** :

Involve in innovation continuous improvement and process to increase productivity. Establish continuous improvement and forecast goals.

### 2) MYDIN MOHAMED HOLDINGS BHD

**Position** : Admin Executive  
**Department** : Kedai Rakyat 1 Malaysia (KR1M) and TUKAR Projects.  
**Duration** : January – September 2012  
**Responsibilities and job scopes** :

Assigned deal quotation with supplier and client for Kedai Rakyat 1 Malaysia (government programmed) and TUKAR Projects for small retail company.

### 3) INSTITUT LATIHAN PERINDUSTRIAN (ILP), KEPALA BATAS, PULAU PINANG.

**Position** : Lecturer (Internship)  
**Department** : Penyaman dan Penyejukbekuan (PPU)  
**Duration** : June – September 2016  
**Responsibilities and job scopes** :

- Assigned to teach subject Refrigeration and Air Conditioning Electronic Control and subject Computer Aided Design and Application (AutoCAD) for student semester 2.
- Prepared learning material such as assignment, quiz and knowledge assessments for the students.
- Prepared a quotation for Diploma Lanjutan Kemahiran Malaysia (DLKM).
- Prepared minute meeting for PPU Department.

## TOP ACHIEVEMENTS

## DEAN LIST AWARD FOR DIPLOMA

- Semester 3
- Semester 4  
(Excellent in Industrial Training)
- Semester 5
- Semester 6

## DEAN LIST AWARD FOR DEGREE

- Excellent in Industrial Training
- Final semester

## OTHER SKILLS

- Good in typing skills
- Leadership
- Analytical
- Service Management
- Task Management
- Able to work independently in highly, dynamic and demanding environment

## FINAL YEAR PROJECT (DEGREE)

## DEPARTMENT OF MATERIAL AND ENGINEERING DESIGN (JKBR)

## TITLE: SUPER-HYDROPHOBIC GREEN CORROSION INHIBITOR ON CARBON STEEL

Inhibitor is known as the best corrosion protection in oil and gas industry for a pipeline. Super-hydrophobic characteristic comes from lotus effect in inhibitor react as a water repellent which is a film on metal surface provide a barrier by avoiding direct contact with aggressiveness agents in environments. It prevent carbon steel from corrosion attack and corrosion resistance could be increased.

## ENGINEERING TEAM PROJECT

## TITLE: CHIPS MACHINE

Chips machine helps rural industry to manufacture their product efficiently, greatly improve quality of product and reduce the use of manpower.

## WON GOLD AWARD

at Creative and Innovative Challenge  
i-Mechyfest 2014 by Faculty of Mechanical and Manufacturing Engineering, UTHM.

## EXTRA CURRICULAR ACTIVITIES

| CATEGORIES                       | ACTIVITIES  | POSITION       | DESCRIPTION   |
|----------------------------------|---|----------------|---|
| LEADERSHIP AND MANAGEMENT SKILLS | Dare to be Rare (2013)<br>Kolej Kediaman Tun Fatimah<br>Universiti Tun Hussein Onn<br>Malaysia. | High Committee | <ol style="list-style-type: none"> <li>Finding and dealing with sponsor event.</li> <li>Conduct a meeting.</li> <li>Advertise the event to all community surrounding.</li> </ol>  |
| CORPORATE SERVICE RESPONSIBILITY | Community Service (2014)<br>Kg Parit Raja Darat<br>Batu Pahat, Johor Darul Takzim.              | Facilitator    | <ol style="list-style-type: none"> <li>Facilitate the children in all activities.</li> <li>Spending 2 days and 1 night helping to clean up the village and surrounding.</li> <li>Helping wedding ceremony event.</li> </ol> |

## REFERENCES

## Mr Hanis Bin Zakaria

Academic Advisor  
Lecturer of Mechanical Engineering  
Department  
Universiti Tun Hussein Onn Malaysia,  
Batu Pahat, Johor Darul Takzim.  
Tel : +(60)14-913 2615  
Email : hanisz@uthm.edu.my

## Mdm Musalmah Binti Kamarudin

Academic Advisor  
Lecturer of Polytechnic Sultan Azlan  
Shah, Behrang Stesyen,  
Behrang, Perak Darul Ridzuan.  
Tel : +(60)19-332 5133

## Mr Erwandy Bin Mohamed

Internship Supervisor  
Head of Department  
Penyaman dan Penyejukbekuan (PPU),  
Institut Latihan Perindustrian (ILP)  
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