NORAINI BT MD ISA

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PERSONAL INFORMATION

Name:	Noraini binti Md Isa
Gender:	Female
Nationality:	Malaysian
Date of birth:	1st January 1992 - (24 years old)
Languages know:	First language – Bahasa Malaysia Second language – English
Marital status:	Single
Occupation:	Fresh graduate - Bachelor of Engineering (Mechanical)
Health:	Very good
Interests:	1) - Mechanical engineer, production engineer, project engineer R&D engineer, qa/qc engineer – **Subject interest** : Engineering Materials, Manufacturing Process, Manufacturing Planning and Control Systems and Electrical And Electronic Technology
Personal features	2) - Music, Net working, sports, travelling.etc Eagerness to learn, willing to work over time if needed, high concentration and hard working.

OBJECTIVE

To be a part of an organization where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork.

EDUCATION

1. Universiti Putra Malaysia (UPM) Serdang, Selangor.
   Graduated: October 2016
   Academic degree: Bachelor of Engineering (Mechanical) with CGPA: 3.144
2. Kolej Matrikulasi Pulau Pinang (2010-2012) , physical science module with CGPA: 3.67
3. Sekolah Menengah Kebangsaan Tunku Abdul Rahman, Alor Setar Kedah. (2005-2009)

RELATED COURSE

- Engineering Mathematics
- Statistic
- Engineering Materials
- Engineering Drawing and Geometric Modelling
- Engineering Materials And Statics Laboratory
- Electrical And Electronic Technology
- Dynamics
- Strength Of Materials
- Computer Programming for Mechanical Engineers
- Thermodynamics
- Fluid Mechanics
- Laboratory Of Thermodynamics And Fluid Mechanics
- Engineering Statistic
- Green Technology
- Applied Fluid Mechanics
- Industrial Management
- Manufacturing Automation
- Heat Transfer
- Control Engineering
- Machine Mechanics
- Engineering Design
- Manufacturing Process
- Numerical Methods
- Mechanical Vibration
- Engineering Economics And Cost Accounting
- Industrial Health And Safety
- Integrated Design
- Thermal Power
- Fabrication And Characterization Of Composite Materials
- Engineer And Society
- Manufacturing Planning And Control Systems
- Powder Metallurgy

MECHANICAL AND MANUFACTURING ENGINEERING PROJECTS

1. **Fluid Mechanic Project: Developing a product of H2O mini generator.**
   Develop a small-scale generator that is cost effective and reliable.
2. **Green Technology Project: Case Study on Sri Serdang Houses.**
   Designing an Improvement solution for Sri Serdang houses.
3. **Heat Transfer Project: Developing a prototype Thermos.**
   Prototyping the best 600 ml thermos using a plastic bottle covered using insulation materials to minimize heat loss from domestic materials.
4. **Control Engineering Project: Case Study on Antenna Azimuth Control System.**
   Exploring the function of control system and its application in real life. In this case study, the combination of open-loop and closed loop control systems are found to be used in Antenna Azimuth.
5. **Engineering Design 1 Project: Scaling up drive shaft and break system.**
   Designing the drive shaft that can be manufacture, reliable, cost effective and selection of the best material to meet the requirement based on one cylinder and 4 wheel vehicle.
6. **Engineering Design 2 Project: Design portable greenhouse for plantation.**
   Designing the portable green house that can be manufacture, reliable, cost effective and also can be used in door environment. This green are suitable for herbaceous plants.
7. **Final Year Project: Effect Of Stacking Sequence And Hybridisation On Tensile Properties Of Polypropylene–Based Composite**
   Fabricate and studies the mechanical behaviour of laminate composite such as the tensile strength the laminate composite. The experimental result was compared with the previous studies.

SKILLS

1. Compiler Environment– (Beginner)
   Matlab (Language: C++)
2. Modelling Software – (Beginner)
   AutoCAD, Catia, ANSYS
3. Others
   Microsoft Office 2013 (Good)
4. The ability to handle numerical data
5. Ability to work as part of a team

LANGUAGE

	Spoken	**Writing**	**Understanding**
Bahasa Malaysia	excellent	excellent	excellent
English	moderate	moderate	excellent

ACTIVITIES AND INVOLVEMENTS

1. Technical club
   -committee members (2012 – 2014)
2. Inter College sport
   - softball (2012-2014) and basketball (2014)
3. Reventh Club
   - participant in Maloi Cave exploration

WORKING EXPERIENCES

1. Cashier at Petronas petrol station
2. Internship at Jabatan kerja Raya JKR (mekanikal) Alor Setar.
   - I was assigned at 3 different department such as project, maintenance and workshop during my 10 weeks internship time.

REFERENCES

1. Associate Professor Ir. Dr B.T Hang Tuah b. Baharudin
   Academic Advisor
   Department of Mechanical and Manufacturing Engineering
   Faculty of Engineering, Universiti Putra Malaysia
   43400 UPM Serdang. Selangor.
   Tel : +603-8946 6329
   E-mail : hangtuah@upm.edu.my

2. Dr. Mohd Zuhri Bin Mohamed Yusoff
   Supervisor Final Year Project
   Department of Mechanical and Manufacturing Engineering
   Faculty of Engineering, Universiti Putra Malaysia
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