

NORATIKAH BINTI ABU

P-67 Felda Ulu Jempol

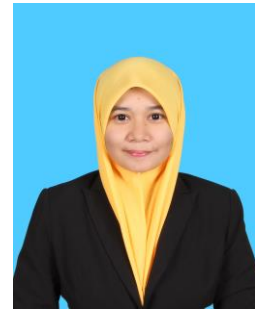
26400 Bandar Jengka,

Pahang.

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PERSONAL DATA

I/C Number : 881116-06-5168

Religious : Islam

Date of Birth : 16 November 1988

Gender : Female

Place of Birth : Bandar Jengka, Pahang

Marital Status : Single

Health Status : Excellent

Nationality : Malaysian

Race : Malay

EDUCATIONAL BACKGROUND

2010-2016: **Doctor of Philosophy (Mathematics)**
Universiti Teknologi Malaysia, Skudai Johor
(3.67)

2007 - 2010: **Bachelor Degree in Science (Industrial Mathematics)**
Universiti Teknologi Malaysia, Skudai Johor
CGPA: 3.54

2006 - 2007: **Science (Physics)**
Negeri Sembilan Matriculation College
CGPA: 3.94

2001 – 2005: **Sekolah Menengah Sains Sultan Haji Ahmad Shah (SEMSAS), Kuantan**
PMR: 7A 1B, SPM: 7A 2B 1C

1995 – 2000: **Sekolah Kebangsaan (LKTP) Ulu Jempol**
UPSR: 5A

STRENGTH

- Give full commitment in work and willingness to learn new things.
 - A person that is self-motivated, independent, able to work alone or group and trustworthy
 - Good interpersonal and communication skills
 - Cheerful, good time management, critical thinking
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EXPERIENCES

Participation in Conference

2nd Regional Conference on Applied and Engineering Mathematics (RCAEM II) (30-31 May 2012)

International Conference Science technology Science Social (ICSTSS 2012) (20-22 Nov 2012)

Seminar Kebangsaan Aplikasi Sains dan Matematik (SKASM 2013) (29-30 Okt 2013)

3rd The 2nd ISM International Statistical Conference 2014 with Applications in Sciences and Engineering

International Conference on Mathematical Science (17-19 Dec 2013)

2nd International Science Postgraduate Conference (ISPC 2014) (10-12 Mac 2014)

Industrial Training:

04 May – 10 July 2009

Industrial Training at Bank Rakyat Desa Pandan

Learned the processing of loan, dealing with customers, communication skills, used and operate ATM and other banking and financial skills.

Working Experience:

01 July 2014 – 31 October 2015

Research Assistant at UTM Skudai

Help supervisor in managing the research grant, organizing school activities under the grant project, communicate with school students, analyze questionnaire data using Statistical tools.

18 Jan 2016-01 March 2016

Lecturer at Asia Pacific University, Bukit Jalil

Teaching Mathematics subject for bachelor degree students.

Activities and Programme

Program Pemantapan Pembelajaran Sains Matematik SDAHA Pontian P1 (22 Julai 2014)

Program Pemantapan Pembelajaran Sains Matematik SDAHA Pontian P2 (19 Ogos 2014)

High Order Thinking Skills SASER (18 Okt 2014)

Score Add Maths Sekolah Daerah Batu Pahat (20 Okt 2014)

Program Pemantapan Pembelajaran Sains Matematik SRI JOHOR (10 Nov 2014)

Program Pemantapan Pembelajaran Sains Matematik SMK Tenggaroh (12 Nov 2014)

High Order Thinking Skills SEMSAS P1 (17 Nov 2014)

High Order Thinking Skill SEMSAS P2 (30 Jan-01 Feb 2015)

Program Pemantapan Pembelajaran Matematik Tambahan SBPI Temerloh (04 Feb 2015)

Program Pengukuhan Matematik Tambahan MPJBT 1 (14 Feb 2015)
Program Pengukuhan Matematik Tambahan MPJBT 2 (07 Mac 2015)
Program Pemantapan Pembelajaran Matematik SMK Bukit Pasir (17 April 2015)
Program Pemantapan Pembelajaran Matematik Tambahan SMKDPT (28 Mac 2015)
High Order Thinking Skills STAR, IPOH (03-04 April 2015)

UTM Degree ++ Programme

February 2009

Attended course: Accounting for Engineers and Science

Mac 2009

Attended course: ISO 9001:2008 Quality Management Systems; How to Get Yourself Employed

Bachelor Degree's Project

July 2009

Title: A numerical study of blood flow in multiple stenosis

Field of research: Applied Mathematics

Objective: To study the behavior of blood flow problem in the influence of multiple stenosis.

Doctor of Philosophy (PhD)

August 2010- March 2016

Title: Development of Demand Forecasting Model for New Product

Field of research: Statistics (Forecasting) and Operational Research

Objective: To explore new qualitative and quantitative forecasting methods for predicting new product demand.

Paper Publish in Journal and Conference

A study on new product demand forecasting based on bass diffusion model. (*Journal of Mathematics and Statistics*, 9 (2): 84-90, 2013)

New car demand modeling and forecasting using bass diffusion model. (*American Journal of Applied Sciences* 10 (6): 536-541, 2013)

Forecasting Sales Demand of New Proton Car using Bass Diffusion Model. (*Wulfenia Journal*, 22 (1) : Jan 2015)

Forecasting sales of new vehicle with limited data using Bass diffusion model and Grey theory (Conference proceeding ISM 2014)

An improved parameter estimation of bass model for forecasting new car demand (Conference proceeding SKASM 2013)

Diffusion of Private Vehicle in Malaysia: Application of Bass Diffusion Model. (Conference Proceeding ICSTSS 2012)

Demand Forecasting of New Product Using Bass Diffusion Model. (Conference Proceeding RCAEM II 2012)

Bass diffusion model for forecasting sales demand of new proton car. (Conference proceeding ICMS3 2013)

AWARDS/ACHIEVEMENTS

- Dean awards semester II (2009/2010), 3.63
- Dean awards semester II (2008/2009), 3.58
- Dean awards semester I (2008/2009), 3.72
- Dean awards semester II (2007/2008), 3.71
- Best Presenter final year project semester II (2009/2010)

SKILLS

Proficient in Microsoft Word, Power Point, Excel, internet surfing, Microsoft Visual C++, , SPSS, Multimedia art piece in Windows Movie Maker and Adobe Flash and other familiar software: MS Outlook, MATLAB, MINITAB

LANGUAGE PROFICIENCY

Malay : Proficient both in Writing, Speaking and Reading
English : Proficient both in Writing, Speaking and Reading

SUBJECT COMPLETED

Intermediate Mathematics, Statistics I and II, Statistical Quality Control, Basic Computer Programming, C++ Computer Programming, Calculus I and II, Linear Algebra, Differential Equation, Computational Numerical Methods, Operational Research, Design of Experiment, Real Analysis, Partial Differential Equations, Inferential Statistics, Discrete Mathematics, Mathematical Modeling, Optimal Control, Vector Calculus, Multivariate Analysis, Optimization Methods, Time series

REFERENCE

Name : Prof. Dr. Zuhaimy Ismail
Relationship : Academic Supervisor
Contact No. : 019-7133940
Office :Fakulti Sains
Universiti Teknologi
Malaysia
Skudai,Johor.

Name :Suliadi Firdaus bin
Sufahani
Relationship : Friend
Contact No. : 013-2861601
Office : Fakulti Sains Teknologi
dan Pembangunan Insan
Universiti Tun Hussein Onn
Malaysia