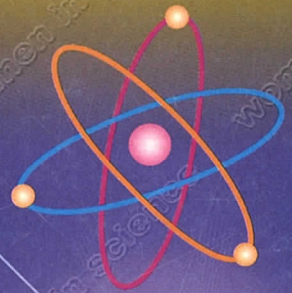
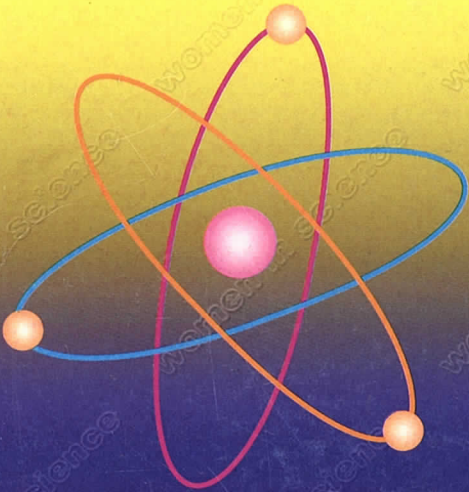


WOMEN IN SCIENCE

**A Preliminary Checklist of Professors
and Associate Professors
in Malaysian Public Universities**

**Halijah Ibrahim, Sarinder Kaur,
Ahmad Nazif Aziz, Farahiza Supandi
and Nor Azura Abd. Rahman**





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A publication of Dr. Siti Hasmah Mohd. Ali Chair Project

*Khas untuk,
YABhg. Tun Dr.
Siti Hasmah Mohd. Ali.
Halijah
(Prof. Halijah Ibrahim)
10/06/10*

PUSTAKA PERDANA



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Preliminary checklist of Professors and Associate Professors in Malaysian
Public Universities**

*By Halijah Ibrahim, Sarinder Kaur, Ahmad Nazif Aziz, Farahiza Supandi and
Nor Azura Abd. Rahman*

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Preface

In 2004, a simple yet usable work was started in the form of a digital database. The idea was to collect and digitize data on Women Scientists in Malaysian Public Institutions. The idea which was initiated by the first author Professor Dr. Halijah Ibrahim, pondered questions such as, what is the estimation of women scientists in Malaysia, who and where are they and what is the distribution according to discipline, institution and race. Hence, this book was started to answer these questions. This work was begun during Prof. Halijah's tenure as the first holder of the Dr. Siti Hasmah Mohd. Ali Chair, an endowment chair established by Persatuan Siswazah Wanita Malaysia (PSWM) in honour of Tun Dr. Siti Hasmah Mohd. Ali as a symbol of success for the women of Malaysia in Science and Technology.

Since 2004, the search for academicians continued via many sources including personal communications. The Directory of Academic Profiles which was established in 2007 by Ministry of Higher Education of Malaysia (MOHE) provided some of the information compiled in this book.

The author has seen the hype of evolution in science. Hence this book provides a guide for researchers, industrialists, collaborators and students in terms of looking for a specific collaborator, supervisor or even business partner. This will not only address the national needs but also interlink specialists in various scientific disciplines thus create great ideas in this huge area.

The scope of this book is refrained to Professors and Associate Professors who are attached to Malaysian public institutions of higher learning. We hope to address a wider scope in years to come so that we could cover all women scientists regardless of position, status and institution. In the preparation of this book every attempt was made to provide up-to-date and accurate information possible. Nevertheless information described herein may be superseded by the time this book appears in print. Some names or recent promotions might have been missed; therefore any constructive feedback from readers will be very much appreciated.

Professor Dr. Halijah Ibrahim, Dr. Sarinder Kaur, Ahmad Nazif Aziz, Farahiza Supandi, NorAzura Abd. Rahman

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We are grateful to Persatuan Siswazah Wanita Malaysia (PSWM) for the establishment of the chair. Last but not least our thanks go to Cik Norhati binti Mahd. Rasid for her help in acquiring some of the information in this book.

Demographic analysis

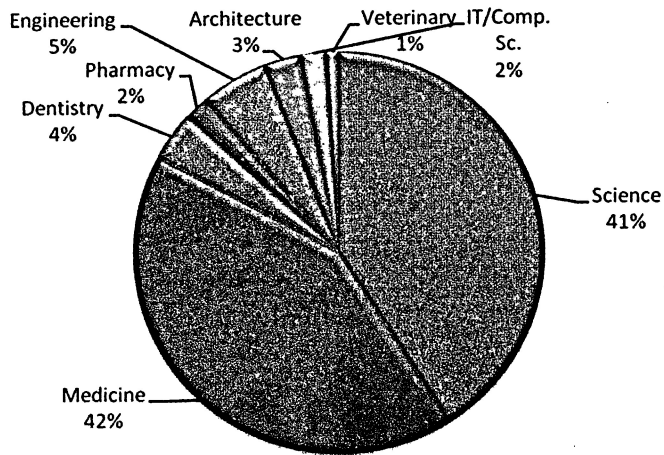


Chart 1.1 Distribution of Professors According to Discipline. The highest contribution is Medicine (42%) followed by Science (41%) and the lowest is Veterinary which constitutes only 1% of the total number of women Professors in science.

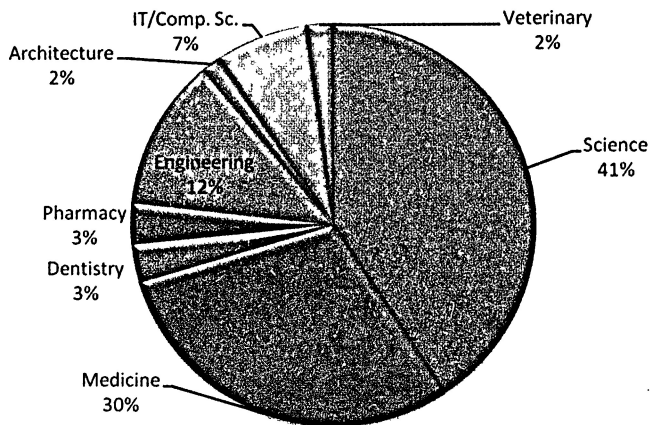
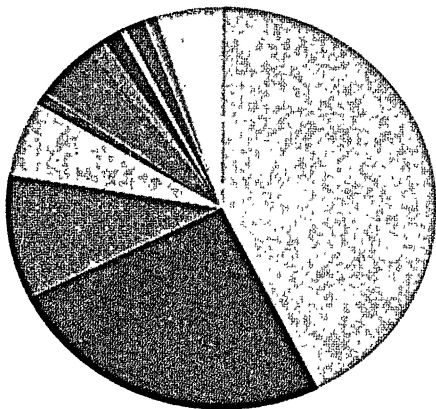


Chart 1.2 Distribution of Associate Professors According to Discipline. As for Associate Professors, the highest number is in Science (41%) followed by Medicine (30%).



- UM
- UKM
- UPM
- USM
- UIAM
- UiTM
- UMS
- UMT
- UMP
- UNIMAS
- UPSI
- USIM
- UTeM

Chart 1.3 Distribution of women Professors in science according to institution. UM has the highest number of women Professors in science.

UM - Universiti Malaysia

*UKM- Universiti
Kebangsaan Malaysia*

*UPM- Universiti Putra
Malaysia*

*USM- Univesiti Sains
Malaysia*

*UIAM- Universiti Islam
Antarabangsa Malaysia*

*UiTM- Universiti Teknologi
MARA*

*UMS- Universiti Malaysia
Sabah*

*UMT- Universiti Malaysia
Terengganu*

*UMP- Universiti Malaysia
Pahang*

*UNIMAS- Universiti Malaysia
Sarawak*

*UPSI- Universiti Pendidikan
Sultan Idris*

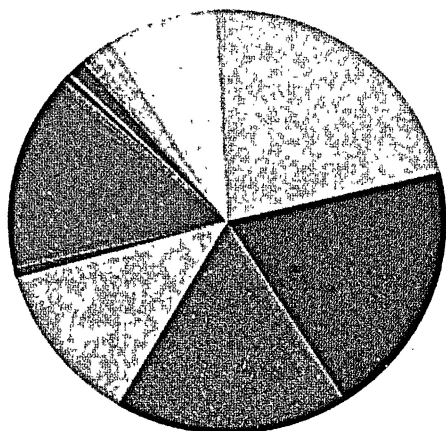
*USIM- Universiti Sains Islam
Malaysia*

*UTeM- Universiti Teknikal
Melaka Malaysia*

*UTHM- Universiti Tun
Hussein Onn Malaysia*

*UTM- Universiti Teknologi
Malaysia*

*UUM- Universiti Utara
Malaysia*



- UM
- UKM
- UPM
- USM
- UIAM
- UiTM
- UMS
- UMT
- UMP
- UNIMAS
- UPSI
- USIM
- UTeM
- UTHM
- UTM

Chart 1.4 Distribution of women Associate Professors in science according to institution. As for Associate Professors, UM has the highest number.

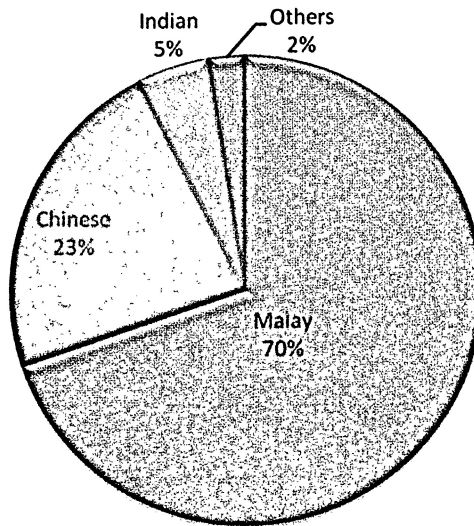


Chart 1.5 Distribution of women Professors in science according to race. The chart indicates Malay women scientists are the most (70%), followed by Chinese (23%), Indian (5%) and others (2%).

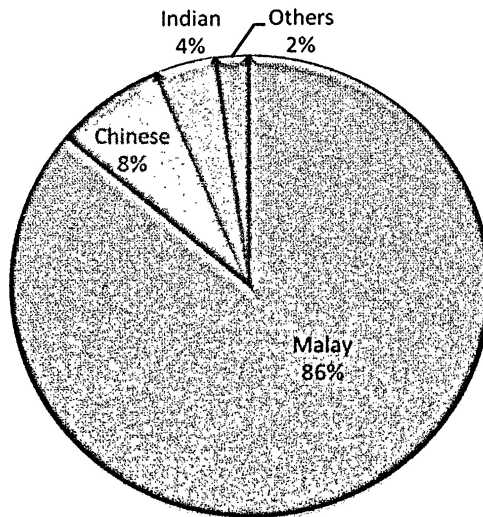


Chart 1.6 Distribution of Associate Professors According to Race. Malay constitutes the highest percentage (86%), followed by Chinese (8%), Indian (4%) and others (2%).

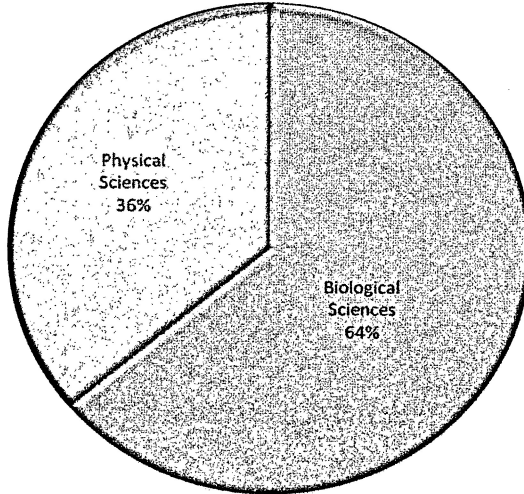


Chart 1.7 Distribution of women scientists in Physical and Biological sciences. The number of women scientists in biological sciences is about two times more than physical sciences.



*Checklist of Women
Scientists
(in alphabetical order)*



1. **Name:** Adeeba Kamarulzaman (Professor Datuk Dr.)
Institution: Universiti Malaya
Race: Malay
Address (Office): Department of Medicine, Faculty of Medicine,
University of Malaya, 50603 Kuala Lumpur.
Tel. No. (Office): 03-79492129
E-Mail Address: adeeba@ummc.edu.my
Qualification: MBBS (Aus)(1987), Monash University, Australia
Discipline: Medicine
Expertise: HIV/AIDS, Clinical Medicine,
Infectious/Communicable Diseases, Public Health,
Environmental and Occupational Health and Safety
Research.

2. **Name:** Adibah Shuib (Associate Professor)
Institution: Universiti Teknologi MARA
Race: Malay
Address (Office): Centre of Mathematical Studies, Faculty of
Information Technology and Quantitative Sciences,
Universiti Teknologi MARA, 40450 Shah Alam,
Selangor.
Tel. No. (Office): 03-55435366
E-Mail Address: adibah@tmsk.uitm.edu.my
Qualification: M.Sc. (Computational & App Math), Old Dominion
University, Norfolk Virginia, 1988
B.Sc. (Math), Old Dominion University, Norfolk,
Virginia, USA, 1987
Discipline: Science
Expertise: Computational & Applied Mathematics.

3. **Name:** Adibah Othman (Associate Professor)
Institution: Universiti Teknologi MARA
Race: Malay
Address (Office): Faculty of Architecture, Planning and Surveying,
University Teknologi MARA, 40450 Shah Alam,
Selangor.
Tel. No. (Office): 03-55444319
E-Mail Address: adibah089@salam.uitm.edu.my
Qualification: MBA Real Estate Finance, University of Denver,
Colorado, 1994.
B.Sc. Estate Management, Thames Polytechnic,
London, 1984.
Diploma Estate Management, Institut Teknologi
MARARA, Shah Alam, Selangor, 1982.
Discipline: Architecture
Expertise: Estate Management.
4. **Name:** Adlina Suleiman (Professor Dr.)
Institution: Universiti Teknologi MARA
Race: Malay
Address (Office): Faculty of Medicine, Level 20, Complex Science &
Technology, Universiti Teknologi MARA, 40450
Shah Alam, Selangor.
Tel. No. (Office): 03-55442845
E-Mail Address: adlinas@salam.uitm.edu.my
Qualification: MD (UKM), MPH (UM), MBA (SCU,Aus),
IBCLC (NY)
Discipline: Medicine
Expertise: Breastfeeding Issues, Neonatal Jaundice, Hospital
Management, Depression Among Secondary
School Students, Epidemiological Studies, Health
Care Services Management, Studies Related To
Community Health.

5. **Name:** Afidah Abu Bakar (Associate Professor)
Institution: Universiti Teknologi MARA
Race: Malay
Address (Office): Faculty of Civil Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor.
Tel. No. (Office): 03-55436443
E-Mail Address: ce_afidah@yahoo.com
Qualification: M.Sc. (Eng), Structural Engineering, University of Heriot Watt, Scotland, 1989.
Bachelor, Civil Engineering, University of Glasgow, Scotland, 1984.
Diploma, Civil Engineering, Universiti Teknologi MARA, Malaysia, 1980.
Discipline: Engineering
Expertise: Finite Element Methods, PSC & RC Structures, Fibre Composites, Fracture Mechanics.
6. **Name:** Aida Hanum Ghulam Rasool (Professor Dr.)
Institution: Universiti Sains Malaysia
Race: Malay
Address (Office): School of Medical Sciences, Health Campus, Universiti Sains Malaysia, 16150 Kubang Kerian, Kelantan, Malaysia.
Tel. No. (Office): 09-7664715 / 4704
E-Mail Address: aida@kb.usm.my
Qualification: Ph.D., Clinical Pharmacology, Universiti Sains Malaysia, 2006.
Bachelor, Medicine, Flinders University of South Australia, Australia, 1992.
Discipline: Pharmacy
Expertise: Pharmacology, Clinical Pharmacology, Nutrition (Clinical And Public Health Research), Vitamin E: Palm Vitamin E (Tocotrienols), Tocopherol. Physiology, Human Vascular Function: Micro And Macrovascular Function.

7. **Name:** Aili Hanim Hashim (Associate Professor Dr.)
Institution: Universiti Malaya
Race: Malay
Address (Office): Psychiatry Child & Adolescent Unit, Department of Psychological Medicine, Faculty of Medicine, University Malaya, 50603 Kuala Lumpur.
Tel. No. (Office): 03-79494422 Ext. 3099/3098
E-Mail Address: aili@ummc.edu.my, ailihas@um.edu.my
Qualification: MBBS (1989), Universiti Malaya
MPM (1995), Universiti Malaya
Discipline: Medicine
Expertise: Hyperactive Children,
High Risk Behaviours In Children,
Child And Adolescent Mental Health Difficulties.
8. **Name:** Aini Hussain (Associate Professor Dr.)
Institution: Universiti Kebangsaan Malaysia
Race: Malay
Address (Office): Department of Electrical, Electronics and Systems Engineering, Faculty of Engineering, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor.
Tel. No. (Office): 03-89216329
E-Mail Address: aini@vlsi.eng.ukm.my
Qualification: Ph.D., Neural Network And Speech Recognition, Universiti Kebangsaan Malaysia, 1997.
Master, Control Systems, University of Manchester Institute of Science & Technology (UMIST), 1989.
Bachelor, Electrical Engineering, Louisiana State University, Baton Rouge, USA, 1985.
Discipline: Engineering
Expertise: Information, Computer and Communication Technology (ICT), Intelligent Signal Processing, Intelligent Signal Analysis and Recognition.
Engineering Sciences, System Modelling, Intelligent Pattern Analysis.

9. **Name:** Aini Ideris (Professor Dr.)
Institution: Universiti Putra Malaysia
Race: Malay
Address (Office): Department of Veterinary Clinical Studies, Faculty of Veterinary Medicine, Universiti Putra Malaysia, 43400 Serdang, Selangor.
Tel. No. (Office): 03-89468256
E-Mail Address: aiini@vet.upm.edu.my
Qualification: Ph.D. (1989) - Universiti Pertanian Malaysia.
Master of Veterinary Science (1981) - University of Liverpool, England.
Doctor of Veterinary Medicine (1979) - Universiti Pertanian Malaysia.
Discipline: Veterinary
Expertise: Veterinary Sciences, Avian diseases, Vaccine.
10. **Name:** Ainon Hamzah (Associate Professor Dr.)
Institution: Universiti Kebangsaan Malaysia
Race: Malay
Address (Office): School of Biosciences and Biotechnology Faculty Science and Technology, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor.
Tel. No. (Office): 03-89213812
E-Mail Address: antara@pkriscc.ukm.my
Qualification: M.Sc., Environmental Science, Salford University, England, 1983.
B.Sc., Microbiology, Universiti Kebangsaan Malaysia, 1979.
Ph.D., Microbial Biotechnology, Universiti Putra Malaysia, 1987.
Discipline: Science
Expertise: Environmental Biotechnology, Environmental Sciences, Environmental Management and Bioremediation, Drinking Water Quality Standards, Industrial and Enzyme Technology, Molecular Biology, Genomic.

11. **Name:** Ainoon Othman (Professor Dr.)
Institution: Universiti Kebangsaan Malaysia
Race: Malay
Address (Office): Department of Pathology, Faculty of Medicine, Jalan Yaacob Latif, Bandar Tun Razak, Cheras, 56000 Kuala Lumpur, Malaysia.
Tel. No. (Office): 03-9702258
E-Mail Address: ainoon@mail.hukm.ukm.my
Qualification: Bachelor, Medicine & Surgery, University Malaya, 1979.
Postgraduate Diploma, Clinical Pathology (Haematology), University of London, 1984.
Doctorate of Medical Sciences, Haematology, Universiti Kebangsaan Malaysia, 2005.
Discipline: Medicine
Expertise: Haematology, Molecular Genetics Of G6PD Deficiency, Neonatal Jaundice, Thalassaemias, Laboratory Medicine, Molecular Diagnostics of Inherited Disorders & Haematological Malignancies.
12. **Name:** Ainsah Omar (Associate Professor Dr.)
Institution: Universiti Kebangsaan Malaysia
Race: Malay
Address (Office): Department of Psychiatry, Faculty of Medicine, Jalan Yaacob Latif, Bandar Tun Razak, Cheras, 56000 Kuala Lumpur.
Tel. No. (Office): 03-91702590
E-Mail Address: ainsah@mail.hukm.ukm.my
Qualification: 1983, Doctor of Medicine (M.D.), Universiti Kebangsaan Malaysia, UKM.
1991, Master of Medicine, Psychiatry M.Med.Psych, UKM.
1999 PhD., UKM.
Discipline: Medicine
Expertise: Biological Psychiatry, Psychoneuroendocrinology, Psychopharmacology, Eating Disorder and Obesity.

13. **Name:** Aisah Mohamed (Associate Professor)
Institution: Universiti Teknologi MARA
Race: Malay
Address (Office): Faculty of Electrical Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor.
Tel. No. (Office): 03-55435060
E-Mail Address: aisah614@salam.uitm.edu.my
Discipline: Engineering
Expertise: Electrical Engineering.
14. **Name:** Aishah Abdul Latiff (Professor Dr.)
Institution: Universiti Sains Malaysia
Race: Malay
Address (Office): Doping Control Centre, Universiti Sains Malaysia, 11800 Minden, Penang, Malaysia.
Tel. No. (Office): 04-6533888 Ext. 2682
E-Mail Address: aishah@dcc.usm.my
Qualification: Ph. D., Pharmacology, University of Melbourne, Australia, 1982.
Bachelor, Pharmacology, University of Melbourne, Australia, 1977.
Discipline: Pharmacy
Expertise: Pharmacology, Central Nervous System, Drug Abuse, Behavioural Pharmacology.

15. **Name:** Aishah Adam (Professor Dr.)
Institution: Universiti Teknologi MARA
Race: Malay
Address (Office): Faculty of Pharmacy, Level 10, Science & Technology Complex, Universiti Teknologi MARA, 40450 Shah Alam, Selangor.
Tel. No. (Office): 03-55442733 / 2738
E-Mail Address: aishah_adam@salam.uitm.edu.my
Qualification: B.Pharm. (Hons.) (Egypt), Ph.D. (London)
Discipline: Pharmacy
Expertise: Pharmacology, Toxicology, Drug Discovery, Medical Biochemistry and Clinical Chemistry, Anti-oxidants, Traditional Medicine and Natural Product.
16. **Name:** Aishah Mohamed Jelan (Associate Professor Dr.)
Institution: Universiti Malaya
Race: Malay
Address (Office): Chemistry Division, Centre for Foundation Studies in Science, University Malaya, 50603 Kuala Lumpur.
Tel. No. (Office): 03-79675920
E-Mail Address: aishahmj@um.edu.my
Qualification: B.Sc., Bradford University, Bradford, UK.
M.Sc., Manchester University, United Kingdom.
Ph.D., University Malaya.
Discipline: Science
Expertise: Polymer Chemistry, Organo-Metallic Chemistry.

17. **Name:** Aishah Salleh (Datin) (Professor Dr.)
Institution: Universiti Malaya
Race: Malay
Address (Office): Institute of Biological Sciences, Faculty of Science, University of Malaya, 50603 Kuala Lumpur.
Tel. No. (Office): 03-79674357 / 4209
E-Mail Address: aishahsalleh@um.edu.my
Qualification: 1987 - University of London, Ph.D.
1983 - University of Malaya, B.Sc. (Hons.)
Discipline: Science
Expertise: Biotechnynology, Algal Ecology, Associated Water Quality Problems and Control fresh water, Marine and Thermophilic Algal Taxonomy, Biology and Phycology.
18. **Name:** Alini Marzuki (Associate Professor Dr.)
Institution: Universiti Kebangsaan Malaysia
Race: Malay
Address (Office): Department of Pharmacy, Faculty of Allied Health Sciences, Jalan Raja Muda Abdul Aziz, 50300 Kuala Lumpur, Malaysia.
Tel. No. (Office): 03-4405282 / 440 5281
E-Mail Address: alini@medic.ukm.my
Qualification: B.Sc. (Iowa), Ph.D. (Georgia)
Discipline: Medicine
Expertise: Anti Oxidant and Lipid Peroxidation, Vit. E, Drug Metabolism, Nutrition.

19. **Name:** Aminah Abdullah (Professor Dr.)
Institution: Universiti Kebangsaan Malaysia
Race: Malay
Address (Office): School of Chemical Sciences and Food Technology, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor, Malaysia.
Tel. No. (Office): 03-89215420
E-Mail Address: kama@pkriscc.ukm.my
Qualification: Ph.D., Food Science And Nutrition, University of Missouri-Columbia, U.S.A, 1982.
 Master, Postharvest Physiology, North Carolina State University-Raleigh, U.S.A., 1978.
 Bachelor, Horticulture, Louisiana State University-Baton Rouge, Louisiana, 1975.
 Diploma, Agriculture, Universiti Pertanian Malaysia, 1973.
 Advanced Certificate, Food Hygiene, Chartered Institute of Environment Health, 1997.
 Certificate, HACCP Prin - Food Hygiene, The Royal Inst. of Public Health and Hygiene, UK, 1997.
Discipline: Science
Expertise: Horticulture, Fruit Crops, Food Science and Nutrition, Food Sensory Evaluation, Animal Sciences, Meat Science and Technology, Food Microbiology, Heavy Metals in the Fish and Food, Exposure and Risk Assessment, Nutrition.

20. **Name:** Aminaton Marto (Associate Professor Dr.)
Institution: Universiti Teknologi Malaysia
Race: Malay
Address (Office): Department of Geotechnic & Transportation,
Faculty of Civil Engineering Universiti Teknologi
Malaysia, 81310 Skudai, Johor.
Tel. No. (Office): 07-5537781
E-Mail Address: aminaton@utm.my
Qualification: Ph.D., Civil Engineering, University of Bradford,
United Kingdom, 1996.
Master, Soil Mechanics and Foundation
Engineering, University of Newcastle Upon Tyne,
United Kingdom, 1987.
Postgraduate Diploma, Geotechnical Engineering,
University of Newcastle Upon Tyne, UK, 1986.
Bachelor, Civil Engineering, UTM, 1983.
Discipline: Engineering
Expertise: Civil Engineering, Geotechnical Engineering,
Earthquake Engineering, Geotechnical Engineering.
21. **Name:** Aminatuzuhariah Megat Abdullah
(Associate Professor Dr.)
Institution: Universiti Teknologi Malaysia
Race: Malay
Address (Office): Department of Architecture, Faculty of Built
Environment, Universiti Teknologi Malaysia,
81310 Skudai, Johor.
Tel. No. (Office): 07-5530618
E-Mail Address: min_abdullah@yahoo.co.uk
Qualification: Ph.D., Project Management, UMIST, UK, 2000.
M.Sc. (Eng), Environmental Management,
University of Glamorgan, Wales, 1996.
Postgraduate Diploma, Architecture, University of
Glasgow, Scotland, 1986.
Diploma, Architecture, Institut Teknologi MARA,
Shah Alam, 1982.
Discipline: Architecture
Expertise: Architecture, Building Services, Building Design,
Environmental Management.



22. **Name:** Amiza Mat Amin (Associate Professor Dr.)
Institution: Universiti Malaysia Terengganu
Race: Malay
Address (Office): Department of Food Sciences, Faculty of Science
And Technology, Universiti Malaysia
Terengganu, Mengabang Telipot, 21030 Kuala
Terengganu, Terengganu, Malaysia.
Tel. No. (Office): 09-6683238/3325
E-Mail Address: ama@kustem.edu.my
Qualification: Bachelor, Food Technology, Universiti Sains
Malaysia, 1993.
Ph.D., Food Science, University of Leeds, 1998.
Discipline: Science
Expertise: Food Science and Nutrition, Enzymes, Product
Development, Food Microbiology, Nutrient
Composition of Food.
23. **Name:** Andanastuti Muchtar (Associate Professor Dr.)
Institution: Universiti Kebangsaan Malaysia
Race: Malay
Address (Office): Department of Mechanical and Materials
Engineering, Faculty of Engineering, Universiti
Kebangsaan Malaysia, 43600 Bangi, Selangor.
Tel. No. (Office): 03-89216520
E-Mail Address: muchtar@eng.ukm.my
Qualification: Bachelor, Mechanical Engineering, University of
Leeds, United Kingdom, 1992.
Ph.D. Advanced Ceramics, National University of
Singapore, 1999.
Discipline: Engineering
Expertise: Materials Engineering and Metallurgy, Ceramics,
Bio-Material, Advanced Materials, Ceramics.

24. **Name:** Ang Chooi Leng (Associate Professor Dr.)
Institution: Universiti Utara Malaysia
Race: Chinese
Address (Office): Faculty of Quantitative Sciences, Universiti Utara Malaysia, 06010 Sintok, Kedah, Malaysia.
Tel. No. (Office): 04-9286986
E-Mail Address: ang@uum.edu.my
Qualification: Ph.D., ICT Applications In Management, Loughborough University, 2000.
Discipline: Science
Expertise: Mathematics and Statistics For ICT and Industries, Industrial Optimisation and Control.

25. **Name:** Ang Hooi Hoon (Associate Professor Dr.)
Institution: Universiti Sains Malaysia
Race: Chinese
Address (Office): School of Pharmaceutical Sciences, Universiti Sains Malaysia, 11800 Minden, Penang, Malaysia.
Tel. No. (Office): 04-6533888 Ext. 2264
E-Mail Address: hhang@usm.my
Qualification: Bachelor, Pharmacy, Universiti Sains Malaysia, 1988.
Ph.D., Pharmacy, Universiti Sains Malaysia, 1993.
Discipline: Pharmacy (Pharmaceutical Chemistry)
Expertise: Organic Chemistry, Natural Products Chemistry, Biological Activity of Plants, Aphrodisiac Evaluation (In Vivo And In Vitro); Anticancer; Antimalaria.

26. **Name:** Angelina Chin Yan Mui (Associate Professor Dr.)
Institution: Universiti Malaya
Race: Chinese
Address (Office): Institute of Mathematical Sciences, Faculty of Science, University of Malaya, 50603 Kuala Lumpur.
Tel. No. (Office): 03-79674308
E-Mail Address: acym@um.edu.my
Qualification: B.Sc. (Hons), Universiti Malaya
M.Sc., Universiti Malaya
Ph.D., University of Queensland, Australia
Discipline: Science
Expertise: Mathematics, Group Theory and Generalisations, Rings and Algebras.
27. **Name:** Ani Idris (Associate Professor Dr.)
Institution: Universiti Teknologi Malaysia
Race: Malay
Address (Office): Department of Bioprocess Engineering, Faculty of Chemical and Natural Resources Engineering, Universiti Teknologi Malaysia, 81310 Skudai, Johor Bahru, Johor.
Tel. No. (Office): 07-5534603
E-Mail Address: ani@fkkksa.utm.my
Qualification: Bachelor, Chemical Engineering, Universiti Teknologi Malaysia, 1988.
Master, Biochemical Engineering, University College London, UK, 1989.
Ph.D., Bioprocess Engineering, Universiti Teknologi Malaysia, 2002.
Discipline: Science
Expertise: Process Technology and Engineering, Membrane Technology, Industrial and Environmental Biotechnology, Fermentation Technology.

28. **Name:** Anis Faridah Mohd Nor (Associate Professor Dr.)
Institution: Universiti Malaya
Race: Malay
Address (Office): Department of Physics, Faculty of Science,
University of Malaya, 50603 Kuala Lumpur.
Tel. No. (Office): 03-79674093
E-Mail Address: afn@um.edu.my
Qualification: B.Sc., Universiti Malaya
M.Sc., Universiti Malaya
Ph.D., Instrumentation - GMR Magnetic Sensors,
University of Manchester, United Kingdom, 1998.
Discipline: Science
Expertise: Magnetic Sensors, Noise Characterization,
Giant Magnetoresistance (GMR).
29. **Name:** Anizan Isahak (Associate Professor Dr.)
Institution: Universiti Kebangsaan Malaysia
Race: Malay
Address (Office): School of Environmental and Natural Resource
Sciences, Faculty of Science and Technology,
Universiti Kebangsaan Malaysia, 43600 Bangi,
Selangor, Malaysia.
Tel. No. (Office): 03-89215397
E-Mail Address: anizan@pkriscc.ukm.my
Qualification: B.Sc. (SUNY), M.Sc.(Ghent), Ph.D. (UKM)
Discipline: Science
Expertise: Marine Science.

30. **Name:** Ann Anton (Professor Datin Dr.)
Institution: Universiti Malaysia Sabah
Race: Malay
Address (Office): Centre for Harmful Algae Bloom Studies (CHABs), Borneo Marine Research Institute, Universiti Malaysia Sabah Locked Bag 2073, 88999 Kota Kinabalu, Sabah.
Tel. No. (Office): 088-320991
E-mail address: aanton@ums.edu.my
Qualification: B.Sc. (Malaya), M.Sc. (Waterloo), Ph.D. (Ohio State)
Discipline: Science
Expertise: Phycology, Marine and Freshwater Ecology.
31. **Name:** Arifah Abdul Kadir (Associate Professor Dr.)
Institution: Universiti Putra Malaysia
Race: Malay
Address (Office): Department of Veterinary Pathology & Microbiology, Faculty of Veterinary Medicine, Universiti Putra Malaysia, 43400 Serdang, Selangor.
Tel. No. (Office): 03-89468296
E-Mail Address: arifah@vet.upm.edu.my
Qualification: Doctor of Philosophy, University of London, 1998. Doctor of Veterinary Medicine (1993) - Universiti Pertanian Malaysia.
Discipline: Veterinary
Expertise: Veterinary (Pharmacology).

32. **Name:** Asma Ahmad Shariff (Associate Professor Dr.)
Institution: Universiti Malaya
Race: Malay
Address (Office): Mathematics Division, Centre for Foundation Studies in Science, University Malaya, 50603 Kuala Lumpur.
Tel. No. (Office): 03-79675912
E-Mail Address: asma@um.edu.my
Qualification: Diploma, Universiti Teknologi MARA (UiTM). BA, State University of N. York, New Paltz. M.Sc., Sussex University, Sussex, UK. Ph.D., Newcastle Upon Tyne University, UK.
Discipline: Science
Expertise: Mathematics, Simulation and Statistical Methods.
33. **Name:** Asma Ismail (Professor Dr.)
Institution: Universiti Sains Malaysia
Race: Malay
Address (Office): Institute For Research in Molecular Medicine, Health Campus, Universiti Sains Malaysia, 16150 Kubang Kerian, Kelantan, Malaysia.
Tel. No. (Office): 09-7663000 Ext. 4239
E-Mail Address: asma@kb.usm.my
Qualification: Master, Microbiology, Indiana University, Bloomington In, USA, 1983. Bachelor, Biology, University of Nevada at Reno, Nevada, USA, 1980. Ph.D., Cellular and Molecular Biology, Univ of Nevada at Reno, Nevada, USA, 1986.
Discipline: Medicine
Expertise: Medical Microbiology, Bacteriology, Medical Biotechnology, Diagnostics.



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