



KEMENTERIAN
PENDIDIKAN
MALAYSIA

CONFERENCE ON MATHEMATICS INFORMATICS AND STATISTICS

CMIS2018

29-31 OCTOBER 2018

GRAND PUTERI HOTEL KUALA TERENGGANU, MALAYSIA

**BRINGING THE WAVE OF INDUSTRIAL REVOLUTION
4.0 INTO RESEARCH AND INNOVATION**



Event organized by:

**SCHOOL OF INFORMATICS AND APPLIED MATHEMATICS
UNIVERSITI MALAYSIA TERENGGANU**

CONTENTS

FOREWORD BY VICE CHANCELLOR, UNIVERSITI MALAYSIA TERENGGANU (UMT)	2
FOREWORD BY DEAN, SCHOOL OF INFORMATICS AND APPLIED MATHEMATICS, UMT	3
WELCOMING MESSAGE BY CMIS2018 CHAIR	4
CMIS2018 CONFERENCE SCHEDULE	6
KEYNOTE SPEAKER	8
KEYNOTE SPEAKER	10
PARALLEL SESSION SCHEDULE	12
CMIS2018 ORGANIZING COMMITTEE	20
AUTOGRAPH	22

**Vice Chancellor
Universiti Malaysia Terengganu (UMT)**

**Professor Dato' Dr.
Nor Aieni Haji Mokhtar**

Assalamualaikum wbt.,

It is my great pleasure to welcome all participants of the Conference on Mathematics Informatics and Statistics (CMIS2018) to Universiti Malaysia Terengganu (UMT). I am delighted to learn that this is the first time that UMT is hosting this conference. Welcome to UMT and do explore beautiful Terengganu.

Today, mathematics, information technology and statistics have evolved tremendously that it has impacted many aspects of our daily life. Mathematics and statistics have a number of very useful benefits to our mind if we go into its study.

It develops our reasoning, helps us to have an analytical thinking, quickens our mind, generates practically and also its use can be applied in the day to day, same with the information technology, From the personal mobile devices to the most complicated astronomical devices, almost everything uses computer-based system. The networking technologies have made real changes to this world where information is delivered in seconds through social networks, mobile services and cloud based systems. The heart of this technology advancement is software. Thus, this conference is an important avenue for academicians, professionals, researchers, graduate students and practitioners to present the latest development in mathematics, information technology and statistics and its related areas. It will be an excellent platform for stimulating discussion, sharing and changing of new ideas and discovery in mathematics, information technology and statistics theories and methodologies as well as in other related areas.

Universiti Malaysia Terengganu is certainly very grateful to have all participants with us for the conference here, and I wish all participants a fruitful and productive conference.

Thank you.

**Dean
School of Informatics and Applied Mathematics, UMT**

Assalamualaikum wbt.,

Welcome to the Conference on Mathematics, Informatics and Statistics (CMIS2018). School of Informatics and Applied Mathematics (PPIMG), Universiti Malaysia Terengganu is proud to organize this conference in collaboration with the participants from many countries, with broad and diverse research interest of mathematics, information technology and statistics.

CMIS2018 is an excellent venue to converge practitioners from academia, industry and government Sectors to upsurge the knowledge of mathematics, information technology



**Professor Ts. Dato' Dr.
Aziz Deraman**

and statistics through researches and practices. The underpinnings of everyday life are increasing mathematical and technological directly or indirectly. For instance, the evolution of Internet of things (IoT) in 2016 is believed to create opportunities for more direct integration of the physical world into computer-based systems, and resulting in improved efficiency, accuracy and economic benefit by offering advanced connectivity of devices, systems, and services that goes beyond machine-to-machine communications and covers a variety of protocols, domains, and applications.

Therefore, the theme "Bringing the Wave of Industrial Revolution 4.0 into Research and Innovation" is aspired to pave the way for fruitful interactions, great ideas and discussions among academicians, researchers, and practitioners in leveraging their knowledge and expertise.

Lastly, we hope that everyone will have an exciting and memorable moment throughout CMIS2018.

Thank you.

WELCOMING MESSAGE

CMIS2018 Chair



**Associate Professor Ts. Dr.
Ahmad Shukri Mohd Noor**

Assalamualaikum wbt.,

Welcome to the Conference on Mathematics Informatics and Statistics (CMIS2018). The theme of CMIS2018 is "Bringing the Wave of Industrial Revolution 4.0 into Research and Innovation". The main objective of the conference is to bring researchers and scientists working in all fields of mathematics, informatics and statistics from both academia and industry to exchange research ideas and discuss recent developments in mathematics, informatics and statistics research. The conference promotes interaction between researchers in the field of Mathematics, Informatics and Statistics from the region and worldwide.

CMIS2018, the premier conference for mathematics, information technology and statistics in Malaysia, continues to serve as a forum for presenting topics of interest among academia, researchers, practitioners and industrial communities to discuss the most recent advances, trends, and concerns in this ever expanding field. Their contributions helped to make the conference as outstanding as it has been. The high quality of the papers and the discussion represents the thinking and experience of authors in their particular fields.

CMIS2018 has received more than 57 papers from various countries, but only 44 papers were accepted. Each paper was reviewed by at least two reviewers. Based on those reviews, papers that adequately balanced in quality, originality and relevance to the conference themes were selected. I believe the papers accepted to be presented in CMIS2018 demonstrate new and innovative solutions, and highlight challenging technical problems in each field. These papers will be published in a special issue of selected Scopus Indexed journal namely the Journal of Telecommunication, Electronic and Computer Engineering (JTEC) or the Malaysian Journal of Mathematical Sciences (MJMS).

I would like to express my thanks to the authors of the papers, whose work and dedication made possible to put together a conference of high technical quality. Next, I would like to thank all the members of the program committee and auxiliary reviewers, who helped us with their expertise and time. I would

also like to thank the keynote speakers for their invaluable contribution and for sharing their vision in their talks.

Special thanks should be addressed to the Organizing Committee whose invaluable hard work, organising a conference of this level is a task that can only be achieved by collaborative effort of a dedicated and highly capable team that made this event possible and finally, to the Dean and members of School of Informatics and Applied Mathematics, Universiti Malaysia Terengganu that have supported the whole effort in making the conference a success. I wish you all an inspiring conference and an unforgettable stay in the beautiful state of Terengganu, Malaysia.

Thank you.

CMIS2018 CONFERENCE SCHEDULE

DAY 1	29th October 2018, Monday
0800	Registration
0900	<ul style="list-style-type: none"> Arrival of VIP & Guests National Anthem & Doa Recitation
	Opening Ceremony
	by YBhg. Prof. Ts. Dato' Dr. Aziz Bin Deraman Dean, School of Informatics and Applied Mathematics Universiti Malaysia Terengganu
	<ul style="list-style-type: none"> Photo Session
1000	Refreshment Break
1015	Keynote Speech I
	YBhg. Ir. Dr. Nordin Bin Ramli MIMOS Berhad
1100	Keynote Speech II
	YBhg. Prof. Dr. Dr. Zanariah binti Abdul Majid Universiti Putra Malaysia
1145	Forum
	"Bringing the Wave of IR4.0 into Research Innovation" Panels: YBhg. Ir. Dr. Nordin Bin Ramli YBhg. Prof. Dr. Dr. Zanariah binti Abdul Majid Moderator: Assoc. Prof. Dr. Gobithaasan Rudrusamy
1300	LUNCH BREAK
1415	Parallel Session 1 (PS-01)
	<div style="display: flex; justify-content: space-around;"> PUTERI 5 PUTERI 8 </div>
1600	Refreshment Break
2000	Dinner Registration
	Arrival of VIP and Guests

2030	Conference Dinner	
	<ul style="list-style-type: none"> • Doa Recitation 	
	Dinner Speech by YBhg. Prof. Ts. Dato' Dr. Aziz Deraman Dean, School of Informatics and Applied Mathematics UMT	
	<ul style="list-style-type: none"> • Photo Session 	
2300	End of Day 1	

DAY 2		30th October 2018, Tuesday	
08:00	Registration		
09:00	Parallel Session 2 (PS-02)		
	PUTERI 5	PUTERI 8	
1020	Refreshment Break		
1040	Parallel Session 3 (PS-03)		
	PUTERI 5	PUTERI 8	
1240	LUNCH BREAK		
1415	Parallel Session 4 (PS-04)		
	PUTERI 5	PUTERI 8	
1645	Closing Ceremony		
	<ul style="list-style-type: none"> • Arrival of VIP & Guests • Doa Recitation 		
	Closing Speech		
	by YBhg. Prof. Ts. Dato' Dr. Aziz Deraman Dean of School of Informatics and Applied Mathematics, UMT <ul style="list-style-type: none"> • Multimedia Presentation for CMIS2018 • Briefing for the Excursion 		
1715	Refreshment Break		

DAY 3		31st October 2018, Wednesday	
08:00 - 18:00	Excursion		

Ir. Dr. Nordin Bin Ramli
MIMOS Berhad

Nordin Ramli received B.Eng degree in electrical engineering from Keio University, Japan in 1999. He received the M.Eng and Ph.D degrees, both in electronic engineering from The University of Electro-Communications, Japan in 2005 and 2008, respectively.

Previously, he was at Telekom Malaysia Berhad as network engineer from 1999-2008, and lecturer at Multimedia University, Malaysia from 2008-2009. Currently, he is a Senior Staff Researcher at Wireless Innovation Department of Corporate Technology, MIMOS Berhad, Malaysia. He is overseeing the solution development of MIMOS's in-house technology to the government and enterprise sector, especially the IoTs and big data's related project. He and his team responsible for providing the consultancy services on the solution requirement and development to their client.

On the research and development (R&D), his interests include cognitive radio, TV white space, space-time processing, equalization, adaptive array system and wireless mesh networking, internet of things (IoT) and big data analytics. Based on his work, he has published over 80 journals and conference papers and filed more than 30 patents related to wireless communications which are pending at World Intellectual Property Organization (WIPO) and Intellectual Property Corporation of Malaysia (MyIPO).

In the ICT industry, he served as the Chairman of White Space Working Group, a technical standardization working group under Malaysia Technical Standard Forum



Berhad (MTSFB) from 2013- 2016, to study and promote the technology of white space communication in Malaysia. He has been appointed as a Visiting Senior Lecturer at the School of Electrical Systems Engineering of Universiti Malaysia Perlis (UniMAP) in 2012- 2014 and served as the Visiting Senior Lecturer at Universiti Teknologi Petronas. He also serves as an industry advisory panel (IAP) at more than five universities in Malaysia.

Currently, Dr. Nordin Ramli also serves as an Associate Editor for the Journal IEICE Communication Express (CoMEX) from June 2014 until now. He has been appointed as the honorary members` scientist in the Young Scientist Network of Academy of Sciences Malaysia ever since from 2014 until today. He is also a registered professional engineer with Board of Engineer, Malaysia, and a certified HRDF trainer.

Title: **Internet of Things (IoT): Unleashing the potential of connected products and services**

Abstract: From the past of 15 years, the Internet revolution has redefined people life and business-to-consumer (B2C) industries such as media, retail and financial services. In the next coming few years, the Internet of Things (IoT) revolution will dramatically disrupt many sectors, includes the manufacturing, energy, agriculture, transportation and other industrial sectors of the economy which, together, account for nearly two-thirds of the global gross domestic product (GDP). It will also fundamentally transform how people will work through new interactions between humans and machines. Known as the Industrial Internet (of Things), this latest wave of technological change will bring unprecedented opportunities, along with new risks, to business and society. It will combine the global reach of the Internet with a new ability to directly control the physical world, including the machines, factories and infrastructure that define the modern landscape.

However, like the introduction of Internet was in the late 1990s, the Industrial Internet is currently in still premature. Many important questions remain, including how it will impact existing industries, value chains, business models and workforces, and what actions business and government leaders need to take now to ensure long-term success. In this talk, we shall discuss the questions facing by business and revisit the Malaysian National IoT Roadmap as the framework for the country to adopt the Industrial Internet to all the relevance sector. We shall discuss also about guiding framework and introduce some the national initiatives that are currently been taking place. The challenges and issues with regards of the deployment of IoT will be addressed in this session.

Professor Dr. Zanariah Binti Abdul Majid
University Putra Malaysia




Zanariah Abdul Majid is a Professor of Mathematics at Faculty of Science, Universiti Putra Malaysia. She received her BA in Mathematics from Macalester College, Minnesota, USA in 1986, MA in Mathematics from Eastern Michigan University, USA in 1988, Diploma Education in Mathematics from Universiti Kebangsaan Malaysia in 1990 and Ph.D. in Applied Mathematics from Universiti Putra Malaysia in 2004. She began her teaching career in 1990 as a teacher in secondary school. Six years later, she joined the Teacher's Training College as a lecturer in Department of Mathematics. Currently, she is a lecturer in Department of Mathematics at Universiti Putra Malaysia and she holds the position as the Deputy Dean (Research & Postgraduate Studies) at the Faculty of Science.


She is a life member of the Malaysian Mathematical Sciences Society. She won several awards and gold medals with her hard work and distinguished efforts in research at international and national level. She has published more than 120 papers in the area of numerical analysis. Her research interest focus on multistep method and one-step method for solving higher order ordinary differential equations, boundary value problem, delay differential equations, Volterra-integro differential equations, Fredholm-integro differential equations and fuzzy differential equations.

Title: **Numerical Methods in Industrial Applications**

Abstract : The mathematical problems in industrial can be written in the form of differential equations and arise in many fields of science and engineering such as the fluid dynamics, electric circuit and other areas of applications. In most practical problems, these differential equations are highly nonlinear and cannot be solved analytically. Hence, we need an appropriate numerical integration method to solve the problems and able to give numerical approximation. In my talked, I will highlight a few numerical methods and its algorithm that has been developed in our research to solve higher order problems directly without reducing to first order systems.

PARALLEL SESSION SCHEDULE

PS-01	Theme: Informatics		Chair: Dr. Fatihah Mohamad
	1415 – 1600	PUTERI5	29 Oct. 2017, Monday
1415	1	Incremental and Parallel Sequential Patterns Mining Algorithms : A Review <i>Omar Adam and Mustafa Man</i>	
1435	2	Modifying Playfair Chiper Algorithm using KAJ Spiral Method to Fit Any Language Regardless of the Number of Characters <i>Ibrahim Sholi and Mohamad Mohamed</i>	
1455	3	Development Metrics Measurement Level for Component Reusability Evaluation Approach (CREA) <i>Suryani Ismail, Fatihah Mohamad and Masita Jalil</i>	
1515	4	A Survey Analysis: Students' Perceptions of Using Simulation Game as Learning Tool <i>Wong Seng Yue, Azham Hussain and Murtaja Ali Saare</i>	
1535	5	A Framework for Software Requirement Ambiguity Avoidance <i>Ashok Gupta and Aziz Deraman</i>	
1555			PHOTO SESSION

PS-01	Theme: Mathematics		Chair: Assoc. Prof. Dr. Roslan Hasni
	1415 – 16:00	PUTERI8	29 Oct. 2018, Monday
1415	1	Empirical Performance of a Model-free Volatility against the Different Option Strike Size Discreteness <i>Hanani Farhah Harun and Mimi Hafizah Abdullah</i>	
1435	2	Equilateral monogonal tessellation of arbitrary polygons – a recursive algorithm <i>Krisjanis Nesenbergs</i>	
1455	3	Knowledge and Integrated Data Management Model for Personalized Intercropping in Rubber Plantation <i>Kornkanok Phoksawat and Massudi Mahmuddin</i>	
1515	4	Some domination parameters in generalized Jahangir graph $J_{n,m}$ <i>Safa Mtarneah, Roslan Hasni, Mohamad Hadi Akhbari and Fateme Movahedi</i>	
1535	5	The Performance of Higher Moments Estimators: An Empirical Study <i>Hanani Farhah Harun and Mimi Hafizah Abdullah</i>	
1555			PHOTO SESSION

PS-02	Theme: Informatics		Chair: Assoc. Prof. Ts. Dr. Ahmad Shukri Mohd Noor
	0900 - 1020	PUTERI5	30 Oct. 2018, Tuesday
0900	1	A Data Modeling Framework for Ubiquitous Computing based on Context-Awareness <i>Stenly Richard Pungus and Jamaiah Yahaya</i>	
0920	2	Performance Analysis of R-ECLAT Algorithm with Different Processors <i>Mustafa Man and Julaily Aida Jusoh</i>	
0940	3	A Performance of Comparative Study for Semi-Structured Web Data Extraction Model <i>Ily Amalina Ahmad Sabri and Mustafa Man</i>	
1000	4	Novelty Circular Neighboring Technique Using Reactive Fault Tolerance Method <i>Nur Farhah Mat Zian and Ahmad Shukri Mohd Noor</i>	
1020		Refreshment	

PS-02	Theme: Mathematics		Chair: Dr. Ummu Atiqah Mohd Roslan
	0900 - 1020	PUTERIS	30 Oct. 2018, Tuesday
0900	1	Sensitivity Analysis for the Dynamics of Leptospirosis Disease <i>N Yuvanesvari Narayanan and Ummu Atiqah Mohd Roslan</i>	
0920	2	A model for optimal value of loyalty points <i>Wan Nuraini Fahana Wan Nasir, Muhamad Safiih Lola and Aziz Deraman</i>	
0940	3	Multi Layer Perceptron Model for Air Quality Prediction <i>Samsuri Abdullah, Marzuki Ismail and Ali Najah Ahmed</i>	
1000	4	Fuzzy Cubic Bezier Curve Approximation in Fuzzy Topological Digital Space (FTDS) <i>Mazlina Muzafar Shah, Abd. Fatah Wahab and Mohammad Izat Emir Zulkifly</i>	
1020		<i>Refreshment</i>	

PS-03	Theme: Informatics		Chair: Dr. Rosmayati Mohemad
	1040 – 1240	PUTERI5	30 Oct. 2018, Tuesday
1040	1	Analyzing Short Sentences based on Ensemble Similarity Model <i>Arifah Che Alhadi, Aziz Deraman, Wan Nural Jawahir Wan Yusoff and Masita @ Masila Abdul Jalil</i>	
11100	2	Frequent Itemset Mining Algorithms: An Overview of ECLAT Based Algorithm <i>Mahadi Man and Masita Abdul Jalil</i>	
1120	3	Comparison of the Effect of classifiers Algorithms on spam email with or without Using Optimization Feature Selection <i>Ghada Rawashdeh, Rabiei Mamat, Zuriana Abu Bakar and Noor Hafhizah Abd Rahim</i>	
1140	4	The Implementation of Anti-Ageing Model in Application Software <i>Zuriani Hayati Abdullah, Jamaiah Yahaya and Aziz Deraman</i>	
12.00	5	Development of Ontology for Special Learning Disability using METHONTOLOGY <i>Rosmayati Mohemad, Nur Fadila Akma Mamat, Noor Maizura Mohamad Noor and Arifah Che Alhadi</i>	
1220	6	Enhanced IPFIX Flow Monitoring for VXLAN based Cloud Overlay Networks <i>Osman Ghazali and Shahzada Khurram</i>	
1240		Lunch Break	

PS-03	Theme: Mathematics		Chair: Dr. Mohammad Izat Emir Zulkifli
	1040 – 1240	PUTERI8	30 Oct. 2018, Tuesday

1040 1 **Multi-Valued Neutrosophic Soft Set**
Liyana Amalini and Lazim Abdullah

1100 2 **An Integrated of Pythagorean Fuzzy AHP and Pythagorean Fuzzy VIKOR for Green Supplier Program Selection**
Wan Rosanisah Wan Mohd, Lazim Abdullah, Binyamin Yusoff and Imran Taib

1120 3 **Comparison among BZAU, SRMI and MRM Conjugate Gradient Methods**
Lai Lee Yan, Nur Fadhillah Ibrahim and Nurul Akmal Mohamed

1140 4 **Approximation of Intuitionistic Fuzzy Bézier Curve Model**
Mohammad Izat Emir Zulkifly and Abd Fatah Wahab

1200 5 **Combined Graph of Pressurized Water Reactor with Autocatalytic Set Approach**
Sumarni Abu Bakar and Nik Nurfatiniyana Kamarudin

1220 6 **Spectrum of Dirichlet BDIDE operator**
Nurul Akmal Mohamed, Nur Fadhillah Ibrahim and Nurul Huda Mohamed

1240 Lunch Break

PS-04	Theme: Informatics		Chair: Dr. Amir Ngah
	1415 – 1615	PUTERI5	30 Oct. 2018, Tuesday
1415	1	Malaysian Sign Language Mobile Learning Application : A recommendation app to communicate with hearing-impaired communities <i>Hanayanti Hafit, Chiam Wui Xiang, Munirah Mohd Yusof, Norfaradilla Wahid and Shahreen Kasim</i>	
1435	2	A Review of Cloud Oriented Mobile Learning Frameworks <i>Ahmad Shukri Mohd Noor, Marwan Nasser Yousef Atoom and Masita Jalil</i>	
1455	3	Regression Test Selection Model: A Comparison between ReTSE and Pythia <i>Amir Ngah, Malcolm Munro, Zailani Abdullah, Masita Abdul Jalil and Mohamad Abdallah</i>	
1515	4	An Enhancement of Path Selection to Cluster Head Based On Multi-Hop Routing In Two-Tier Wireless Sensor Network <i>Wan Isni Sofiah Wan Din, Asyran Abdullah, Razulaimi Razali, Ahmad Firdaus Zainal Abidin, Salwana Mohamad, Danakorn Nincarean Eh Phon and Cik Feresa Mohd Foozy</i>	
1535	5	Comparison between Version Control System Tools: Subversion vs Git <i>Nazatul Nurlisa Zolkipli, Amir Ngah and Aziz Deraman</i>	
1555	6	Modified JSEG Algorithm for Reducing Over-segmentation Problems in Underwater Coral Reef Images <i>Mohammad Sameer Aloun, Muhammad Suzuri Hitam, Wan Nural Jawahir Hj Wan Yussof, Abdul Aziz K Abdul Hamid and Zainudin Bachok</i>	
1615		<i>Refreshement</i>	

PS-04	Theme: Informatics		Chair: Dr. Rozniza Ali
	1415 - 1615	PUTERI8	30 Oct. 2018, Tuesday
1415	1	Self-Organizing Map (SOM) For Species Distribution Modelling Of Birds Species at Kenyir Landscape <i>Salwana Mohamad Asmara, Gertrude David and Mohd Tajuddin Abdullah</i>	
1435	2	Optimization of Discrete Wavelet Transform Features using Artificial Bee Colony Algorithm for Texture Image Classification <i>Fthi. M. Albkosh, Muhammad Suzuri Hitam, Wan Nural Jawahir Hj Wan Yussof, Abdul Aziz K Abdul Hamid and Rozniza Ali</i>	
1455	3	Estimation of Fines Amount in Syariah Criminal Offences Using Adaptive Neuro-Fuzzy Inference System (ANFIS) Enhanced with Analytic Hierarchy Process (AHP) <i>Ahmad Fitri Mazlam, Wan Nural Jawahir Hj Wan Yussof and Rabiei Mamat</i>	
1515	4	The Use of Least Significant Bit (LSB) and Knight Tour Algorihm for Image Steganography of cover image <i>Soo Ann Nie, Ghazali Sulong, Rozniza Ali and Andrew Abel</i>	
1535	5	A Model to Measure Information System (IS) Success for Public University in Malaysia <i>Mohamad Nor Hassan and Aziz Deraman</i>	
1615		<i>Refreshment</i>	

CMIS2018 COMMITTEE

CMIS2018 Organizing Committee

Patron	Prof. Dato' Dr. Nor Aieni Binti Haji Mokhtar Vice Chancellor, Universiti Malaysia Terengganu
Advisor	Prof. Ts. Dato' Dr. Aziz Bin Deraman
Chair	Assoc. Prof. Ts. Dr. Ahmad Shukri Bin Mohd Noor
Co-Chair	Assoc. Prof. Dr. Abdul Fatah Bin Wahab
Secretary	Dr. Ummu 'Atiqah Binti Mohd Roslan Dr. Farizah Binti Yunus
Treasurer	Dr. Rozniza Binti Ali Pn. Nordiana Binti Embong
Scientific	Prof. Ts. Dr. Muhammad Suzuri Bin Hitam Assoc. Prof. Dr. Gobithaasan Rudrusamy
Publication	Assoc. Prof. Ts. Dr. Ahmad Shukri Bin Mohd Noor Assoc. Prof. Dr. Roslan Bin Hasni Dr. Nur Fadhilah Binti Ibrahim Dr. Chee Chew Seng
Presentation Schedule and Program Book	Dr. Rabiei Bin Mamat Dr. Mohamad Nazri Bin Husin
Sponsorship	Dr. Faizah Binti Aplop
Logistic, Venue and Tools	Dr. Auni Aslah Bin Mat Daud
Registration and Event Manger	Dr. Chong Nyuk Sian Dr. Syerrina Binti Zakaria Dr. Nur Aidya Hanum Binti Aizam Dr. Nur Baini Ismail Mrs. Nor Azlida Aleng Mrs. Siti Madhahah Abdul Malik
Promotion	Dr. Ahmad Termimi Bin Abdul Ghani En. Mohamad Aizat Bin Basir

Website and Multimedia	Dr. Loy Kak Choon
Speech	Dr. Azwani Binti Alias
Protocol	Dr. Che Mohd Imran Bin Che Noh
Secretariat	Dr. Binyamin Bin Yusoff Dr. Syerrina Binti Zakaria Mr. Mohd Izham Mohd A. Wahid

AUTOGRAPH