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THE 3rd FKIP-USM INTERNATIONAL CONFERENCE ON EDUCATION

DIGITALIZATION OF EDUCATION:
ENVISIONING ITS IMPACT ON
THE DYNAMICS OF CULTURAL
ORDER

Banda Aceh, MARCH 7-8th 2024

TEACHER TRAINING & EDUCATION FACULTY
UNIVERSITAS SERAMBI MEKKAH
INDONESIA

A Welcome Speech from Rector of Universitas Serambi Mekkah

Bismillahirrahmanirahim,
Assalamualaikum Wr. Wb.
Greetings From Aceh

Good morning ladies and gentlemen,

Honorable the Head of LLDIKTI, Dr. Ir. Rizal Munadi, M.M., M.T
Honorable The Head of Yayasan Pembangunan Serambi Mekkah, Ir. Teuku Iskandar Shah
Honourable all structural leaders, distinguished guests, and keynote speakers.

On behalf of Universitas Serambi Mekkah, I would like to express my great pleasure to welcome all of you to the hybrid 3rd International Conference on Education of FKIP USM. We are truly honoured and humbled by your attendance and enthusiasm to participate in this international event. This activity is one of the routine agenda organized by FKIP Universitas Serambi Mekkah aiming to provide an intellectual platform for everyone – researchers, students, and general public – to find updated information and ideas sharing on important issues in education.

Dear ladies and gentlemen,

In this digital era, educators need to adjust themselves in order to keep updated in providing good education for students all over the world. However, we cannot avoid the impact from digitalization of education which may influence changes in our cultural order, including the way of delivering the education and of facing the students' characters. Therefore, knowledge sharing platform like what we conduct today is one of the important step to cope with that issue. Hence, this year's theme is related to it, which is *"Digitalization of Education: Envisioning its Impact on the Dynamics of Cultural Order"*.

In this moment, I would also like to express thanks to all of our keynote speakers from five different countries:

1. Assoc. Prof. Dr. Mahendran Maniam from UPSI Malaysia,
2. Dr. Sophia Manning from Kean University, USA,
3. Prof. Dr. H. Didi Suryadi, M.Ed from UPI, Bandung Indonesia and Associate Prof. Dr. Viyanti, M.Pd from UNILA Lampung, Indonesia
4. Associate Professor Mitchell O'Toole from University of NewCastle, Australia, and
5. Associate Prof. Dr. J. Karthikeyen from National College, India

I would also like to thanks the organizing committee, presenters and participants for making this event happen. I officially open up this event, hoping the event will run successfully until the end and everyone is benefitted as much as possible from the event.

Thank you very much.
Banda Aceh, 7 March 2024

Dr. Teuku Abdurrahman, S.H., SpN
Rector of Universitas Serambi Mekkah

A Welcome Speech from Dean of Teacher Training and Education Faculty of Universitas Serambi Mekkah

Bismillahirrahmanirrahim, *Assalamu 'alaikum Warahmatullahi Wabarakatuh*,
Alhamdulillahirrabil'alamin wassalatu wassalamu 'ala asyrafil anbiyai walmursalin wa'ala
alihi wasahbihi ajma'in

Ladies and Gentlemen

First of all, I would like to thank the Almighty God for all His Blessings and Mercies that
have made us possible to attend the event in excellent health.

Honorable the Head of LLDIKTI, Dr. Ir. Rizal Munadi, M.M., M.T
Hanorable The Head of Yayasan Pembangunan Serambi Mekkah, Ir. Teuku Iskandar Shah
Hanorable Rector of Universitas Serambi Mekkah, Dr. Teuku Abdurrahman, S.H., SpN and
Vice Rector I, Muslem Daud, Ph.D.
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The Head of Assurance Quality Institute, Muhammad Zulfajri, S.Pd., M.Sc., Ph.D
The Head of Research and Community Service Institute, Dr. Abubakar, M.Si
Deans, Vice-Deans, and all structural leaders that I cannot mention one by one. We are very
delighted to have guests including deans from different universities in Aceh.

Ladies and Gentlemen

I would also like to warmly welcome keynote speakers, distinguished guests, presenters and
participants of the 3rd International Conference on Education of FKIP USM with the theme
“*Digitalization of Education: Envisioning its Impact on the Dynamics of Cultural Order*”.
Welcome to the event.

My deepest appreciation to our keynote speakers from 5 different countries:

1. Assoc. Prof. Dr. Mahendran Maniam from UPSI Malaysia,
2. Dr. Sophia Manning from Kean University, USA,
3. Prof. Dr. H. Didi Suryadi, M.Ed from UPI, Bandung Indonesia and Associate Prof.
Dr. Viyanti, M.Pd from UNILA Lampung, Indonesia
4. Associate Professor Mitchell O'Toole from University of NewCastle, Australia, and
5. Associate Prof. Dr. J. Karthikeyen from National College, India

We are very honoured to have people with expertise like yours at our conference.

I would like to say that we are very pleased to host the annual conference on education this
year in Arabia Hotel in Banda Aceh. Thanks to the committee who have worked so hard to
make this event successful. Thanks to the presenters and participants who have participated
in this event onsite and online

Ladies and gentlemen, it is unquestionable that the world of education is in the digitalized era
now. This may impact the dynamics of cultural order in the world, including the way the
education is prepared, delivered, and assessed. Therefore, through innovative research and

knowledge sharing platform like this one, we hope to find effective solution in order for successful education in this digitalized era.

Again, thanks to our distinguished keynote speakers, guests, presenters, and participants. Welcome and enjoy the conference!
Wassalamualaikum Wr. Wb.

Dr. Jalaluddin, M.Pd
The Dean of FKIP USM

A Welcome Speech from the Chair of the Committee

Bismillahirrahmanirrahim, Assalamualaikum, Wr. Wb.

Honorable the Head of LLDIKTI, the Head of Yayasan Pembangunan Serambi Mekkah, Rector of Universitas Serambi Mekkah, Vice rectors of Universitas Serambi Mekkah, Deans and vice deans of all faculties of Universitas Serambi Mekkah, all structural leaders, as well as distinguished guests, keynote speakers, presenters and participants

On behalf of the organizing committee, I would like to warmly welcome you all to the 3rd International Conference on Education of FKIP USM.

I am very pleased that this year, we can organize this annual international conference on education again. Alhamdulillah, Even though there were some obstacles, Thanks to Allah because of His blessings and mercies, we can attend this event together in an excellent condition and health.

I am also glad to announce that we have a total around 150 submitters coming from different provinces in Indonesia, such as Aceh, Medan, Jakarta, Bandung, and many more. And also from overseas, such as Malaysia, India, Australia, and USA

The theme of this year conference is “*Digitalization of Education: Envisioning its Impact on the Dynamics of Cultural Order*”. We hope that from discussion around this theme, a better understanding can be raised in the future educational research and practices regarding the digitalization of education and its’ impact on the cultural order.

For this objective, we have invited distinguished speakers from five countries.

We have Assoc. Prof. Dr. Mahendran Maniam from UPSI Malaysia, Dr. Sophia Manning from Kean University, USA, Prof. Dr. H. Didi Suryadi, M.Ed from UPI, Bandung Indonesia, Associate Prof. Dr. Viyanti, M.Pd from Unila Lampung, Indonesia, Associate Professor Mitchell O'Toole from University of NewCastle, Australia, and Associate Prof. Dr. J. Karthikeyen from National College, India

Ladies and gentlemen, I would also like to take this opportunity to immensely thank all of the committee members for their hard work, commitment, and dedication in organizing this conference. Last but not least, we also want to thank the keynote speakers, distinguished guests, all presenters, as well as participants both onsite and online.

Thank you for being here with us. We highly value your presence at this conference.
Wassalamualaikum Wr. Wb.

Marisa Yoestara, S.Pd., M.A (TESL)
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KEYNOTE SPEAKERS



Dr. Sophia Melanie Manning- Kean University, USA and Bergen Community College, USA

Dr. Sophia Melanie Manning is a broad-based and accomplished student-centered educator—facilitator, instructor, tutor, and business professional who grasps and successfully implements the learning process in various capacities, such as a scholar, on the job or with individuals. She graduated her bachelor study in Bachelor of Science Business Administration, Herzing University, Atlanta (2001), graduated her Master in Liberal Arts at Houston Baptist University, Houston (2009), and awarded Doctor of Arts & Letters, Interdisciplinary Humanities, The Caspersen School of Graduate Studies, Drew University, Madison (2014). She has facilitated many different courses, including Academic Written Discourse/Reading for Academic Purposes and Research Methods and Technology in Literature for English majors. She has also presented a number of research papers in different international events. Her Primary research interest includes general education in a global context thru interdisciplinary humanities; Philosophy of Soren Kierkegaard's Existentialism; and Comparative/World Literature.



Associate Professor Mitchell O'Toole- University of Newcastle, Australia

Mitch O'Toole has worked in science education at all levels since 1978. This has included fifteen years in universities in Australia and the People's Republic of China and thirteen years as science co-ordinator in various schools. These schools ranged across the age (K-12, 7-10 and 7-12) and system spectra (catholic systemic, catholic independent and independent systems). He has also worked as language across the curriculum co-ordinator in a state high school. Mitch's major research interest, communication in science contexts, has arisen directly from this diverse background and continues to inform his practice as he prepares science teachers at this university.

KEYNOTE SPEAKERS



Associate Professor Dr Mahendran Maniam- Sultan Idris Education University, Malaysia

Mahendran Maniam, obtained his Diploma in Teaching (TESL) from Penang Teachers Training College Malaysia in 1989, Bac. Ed. (TESL) Hons. from Putra University Malaysia in 2001, M.Ed. (TESL) Malaya University, Malaysia in 2004 and Ph. D. (TESL) from the International Islamic University of Malaysia in 2009. Formerly English Language teacher, he taught in government and independent schools in many parts of Malaysia. He is currently attached to Sultan Idris Education University, Malaysia in the Faculty of Languages and Communication as an Associate Professor. He is also a visiting professor in Bharath University (BIHER), Chennai, India and Infrastructure University Kuala Lumpur (IUKL), Malaysia. His research areas are mainly in Applied Linguistics, Teacher Education and Doctoral Supervision. He has done extensive research in the field of second language acquisition and language learning strategies. He currently conducts research and supervises doctoral and masters students who are majoring in applied linguistics. He has also published many picture books meant for young learners. He has been a Panelist in many public media fora discussing issues on education, human resources development, and societal change. Dr. Mahendran Maniam has provided services as consultant in policy-making governmental Committees, private sector and Non-Governmental Organizations (NGOs) Dr. Mahendran Maniam is a member of the Malaysian English Language Teaching Association (MELTA), International Society for Teacher Education (ISfTE), Higher Education Research and Development Society of Australasia (HERDSA), Malaysian Association of Applied Linguistics (MAAL), Singapore Association of Applied Linguistics (SAAL) and Asia TEFL. He has also received numerous awards for teaching excellence. He is also a certified HRDF trainer. He has graduated more than 50 master and PhD students, adjudicated more than 100 PhD theses and played the role of convener in more than 50 viva-voce sessions.



Prof. Dr. H. Didi Suryadi, M.Ed- UPI, Indonesia

Prof H. Didi Suryadi graduated his bachelor study from IKIP Bandung, master from La Trobe University, and Ph.D from Universitas Pendidikan Indonesia (UPI). He has been a mathematics lecturer since 1984 and awarded as professor in Mathematics education since 2007. He has many leadership experiences from being the department secretary, department leader, vice dean, vice director, and chairman of the senate in UPI until now. He focuses his study on DDR (Didactical Design Research) that he has developed since 2000 and that he introduced to general audience since 2019 in the international conference in Malang. He has published 84 Scopus-indexed articles in international journal and conferences, and his total of articles in Google Scholar reaches 248 articles. He actively became keynote speakers in many international conferences, one of which WALs Conference in 2014. He also achieves many awards, including the Best International Collaborative Researcher in UPI in 2019, the Best Academic Educational Leader in National level from Kemenristekdikti in 2019, as well as an honored member from Sakura Science Association, Japan. He has established (PUSBANG-DDR-INDO) to develop his DDR study and other researchers with the same interests. PUSBANG-DDR-INDO itself has managed an international journal called Journal of Didactics

KEYNOTE SPEAKERS



Associate Prof. Dr. J. Karthikeyen, Ph.D. - National College, Tiruchirappali- Tamilnadu, India

Dr. J. Karthikeyen is head of Department of English (UAP) in National College, Tiruchirappali and Head of Career Guidance and Placement Cell. He finished his bachelor study in English Language and Literature from St. Joseph's College, Trichy (1999) and in special English from Sri Ramakrishna Mission Vidyalayam, Coimbatore (2002). He graduated his master study in English Language and Literature from St. Joseph's College, Trichy (2001) and in ELT from Bharathidasan University, Trichy (2006). He gained his Ph.D in English from VIT University, Vellore (2014). He has worked in different educational institution, both local, such as in Alpha Public School, SRM University, and Vellore Institute of Technology and International, such as in Wuhan University. He has published 43 Scopus-indexed papers, 3 Web of Science indexed paper, and 28 Journal paper, and many other book publications. He also has received many research awards and has been invited as keynote speakers in many national and international events.



Associate Prof. Dr. Viyanti, M.Pd.- Universitas Lampung, Indonesia

Dr. Viyanti, M.Pd. is a lecturer of the physics education study program at Lampung University. She earned her bachelor's degree at Lampung University in the field of physics education in 2002, then earned a master's degree at the University of Education Indonesia in the field of science research with a concentration in physics education in 2009 and completed her doctorate at Sebelas Maret University in the field of science education in 2019 and currently holds the position of head of the physics education study program at Lampung University.

She has authored 9 books and published around 40 scientific articles in the last five years and created 5 IPR works in the last five years. She conducts research Jeanette was awarded the highly esteemed National Teaching Fellowship in 2015. She conducted 9 community service experiences from 2019 to 2023

Titles of Keynotes Presentation

Dr. Sophia Melanie Manning	Exploring the Humanities through Digital Lens: Educating the 21st Century Learner
Associate Professor Mitchell O'Toole	ICT, Values, and Digital Citizenship
Associate Prof. Dr. Mahendran Maniam	The Role of Artificial Intelligence in Education
Prof. Dr. H. Didi Suryadi, M.Ed	Epistemic Pathways to Knowledge Generation through Didactical Design Research (DDR)
Associate Prof. Dr. J. Karthikeyen, Ph.D.	Impact of Digitalization in Indian Higher Education- A Review
Associate Prof. Dr. Viyanti, M.Pd	Digital-Based Science Learning: Virtual Vs. Hands-On

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