

ETWC

III.A.1d.14

EDUCATIONAL TECHNOLOGY
WORLD CONFERENCE

PROGRAM BOOK

*“Educational Technology
to Improve Quality
and Access of Education
for Prosperous Society”*

Hosted by

Co-hosted by



Supported by



The Grand Inna Bali Beach Hotel
Sanur, Bali - Indonesia
July 31st - August 3rd, 2016



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Chairman of ETWC 2016
Prof. Dr. Djaali

Welcome Speech by Chairperson of Steering Committee ETWC 2016

May God Bless us all. Amien

Ladies and Gentlemen.

I believe it is God's blessing that we can come and attend this very important and prestigious event; the 1st in Indonesia, Educational Technology World Conference (ETWC) 2016. Therefore, indeed, it's my pleasure to welcome you all.

In this very important moment, allow me to express my deep gratitude and special compliment to His Excellency Mr. Muhammad Nasir, the Minister of Research, Technology and Higher Education of RI, and His Excellency Mr. Rudiantara, the Minister of Communication and Informatics of RI for the devotion and keen attention to support this conference. For Mr Muhammad Nasir, I would like to request his pleasure to deliver and present his keynote speech and officially open the conference and for Mr. Rudiahtara, I would like to request his pleasure to deliver and present his keynote speech and officially close the conference.

My special welcome and appreciation should also be addressed to all invited speakers of the conference. They are prominent figures in the disciplines of educational technology, coming from USA, South Africa and Indonesia. To be specific, allow me to name some of them:

1. Prof. Mike Spector, Ph.D – University of North Texas, USA and past President of AECT
2. Prof. Tian Belawati, M.Ed., Ph.D – Universitas Terbuka, Indonesia
3. Dr. Rob Branch – University of Georgia, USA and past President of AECT
4. Prof. Kay Persechitte - University of Wyoming and current President of AECT
5. Prof. Dr. Johannes Cronje – Cape Peninsula University of Technology, South Africa
6. Mr. Chairul Tanjung - CEO Trans Corporation, Indonesia
7. Prof. Marcus Childress - Baker University, USA and past President of AECT
8. Prof. Steve Harmon - Georgia University and past President of AECT

I must also extend my high appreciation to the President of AECT (American Education and Communication Technology) Dr. Kay A. Persichitte, and chairman of IPTP (Indonesia Association for Education Technology) Prof Basuki Wibawa who are now with us here for the support that makes this conference run as planned. In this event, may I ask Dr. Kay A. Persichitte pleasure to make a final remark of the conference in the last day.

My appreciation should also be addressed to the sub-theme speakers and also all parallel speakers as well as participants coming from various places in the five continents. Your contribution signifies that this conference is truly worldwide.

Ladies and Gentlemen,

My gratitude and appreciation must also be addressed to all cohost universities, Universitas Terbuka, Universitas Pendidikan Ganesha, and Universitas Mahendradatta who have shared significant contribution to make this event possible.

Last but not least, allow me to express similar appreciation to be given to The Governor of Jakarta and Governor of Bali. Your support and contribution are really significant.

Ladies and Gentlemen,

Finally, I hope this conference might reveal best result to contribute not only in the field of educational technology but also in education in general.

Good luck and have a nice conference.

Thank you.

Bali, July, 2016

Prof. Dr. Djaali

Rector of Universitas Negeri Jakarta

Welcome Speech by Co-host of ETWC 2016: Rector of Universitas Terbuka

I extend a warm welcome to all of the distinguished speakers and participants of the 2016 Educational Technology World Conference (ETWC) which is supported by the Association for Educational Communication and Technology (AECT) and Indonesia Association for Education Technology (IPTP). As Rector of Universitas Terbuka (UT) or the Indonesia Open University, I am pleased to co-host ETWC 2016 as it provides a unique opportunity for educators, experts, researchers, scholars as well as policy makers from all over the world to convene and share ideas on crucial issues and trends in educational communication and technology development. This conference also aims to establish network and international collaboration amongst universities in Indonesia and in the USA, as well as to facilitate publications of research by Indonesia scholars in international journal. I am grateful to all the renowned speakers and delegates for their participation that makes this conference possible.



Prof. Tian Belawati

Universitas Terbuka is the one and only open and distance education institution in Indonesia which was founded in 1984. For more than 30 years, UT has been the leader in open and distance learning (ODL) in Indonesia with a mission to make higher education open to all Indonesians. UT has been able to deliver quality education to over 300.000 students throughout the Indonesian archipelago and overseas by the integration of appropriate technology into its learning system.

The advancement in information and communication technology has enabled UT to make many innovations to better serve its students and other stakeholders. The integration of technology in education is inevitable and educational institutions should embrace it so that quality learning can be delivered with ease and efficacy. Thus, as an ODL provider that is very well aware of the significant role educational technology has in the provision of learning, UT is honoured to be able to co-host this conference.

I would like to thank Universitas Negeri Jakarta as host and Universitas Mahendrata as well as Universitas Pendidikan Ganesha and Kopertis Wilayah VIII for their great collaboration in the holding of ETWC 2016. May this conference be an eventful forum for the participants and please take some time to also enjoy wonderful Bali.

I wish you all a wonderful time at the Educational Technology World Conference.

Best Regards,

Bali, July, 2016

Professor Tian Belawati
Rector of Universitas Terbuka



Prof. I Nyoman Jampel

Welcome Speech by Co-host of ETWC 2016: Rector of Universitas Pendidikan Ganesha (Undiksa)

Distinguished Speakers,
Distinguished Guests,
Ladies and Gentlemen,
Good Morning,

In this important occasion, I would like to express my gratitude to Rector of Universitas Negeri Jakarta, Universitas Terbuka, Universitas Mahendradatta dan Head of Kopertis Wilayah VIII for the collaboration and synergy we have made in holding this prestigious world conference of educational technology. The same amount of gratitude also goes to all the keynote and plenary speakers that have given their time and energy to support us. My highest appreciation goes to the committee that have worked hard and done their best for this conference. We would also like to welcome distinguished guests, speakers and all participants to this beautiful Island - the Island of God. Hopefully in this Balinese atmosphere, we all can produce constructive breakthrough in educational technology for the education quality improvement, especially of Indonesia.

Ladies and Gentlemen,

Universitas Pendidikan Ganesha (Undhiksa) was formerly known as part of Fakultas Keguruan dan Ilmu Pendidikan (FKIP – Faculty of education) of Universitas Airlangga in 1962. In the same year we joined University of Udayana. A year after that, we became part of IKIP Malang, Singaraja Branch. In 1993 we became an independent institution and changed our name into the STKIP Singaraja. In 2001 STKIP Singaraja then became IKIP Negeri Singaraja. On 11 May 2006, due to the Presidential Decree No. 11/2006, we became Universitas Pendidikan Ganesha.

We do not want our development freeze, as we plan to be the center of excellence in the development of cultured and humanistic education, science, technology and arts based on Tri Hita Kirana (the three causes of goodness) and to produce high quality of education and non-education with high competing power. Thus, I believe, collaborating with other prominent universities, such as Universitas Negeri Jakarta, Universitas Terbuka and a fast growing university, such as Universitas Mahendradatta, and also Kopertis Wilayah VIII will expand our network and realise our vision to the center of excellence.

Finally, I wish you all have a pleasant conference. May the results give direct influence to the improvement of education quality.

Thank you,
Bali, July, 2016

**Prof. Dr. I Nyoman Jampel, M.Pd.,
Rector of Universitas Pendidikan Ganesha**

VENUE	PRESENTER	TITLE	PAPER	CHAIR
JOGED ROOM (3)	Eriva Syamsiatin	Acquisition of Early Mathematic Thinking Skills of Children Age 4-5 Years Olds Through Unit Blocks Play Activity	P3.3-254-IC-ETWC2016	Ginta Ginting
	Iia Fadila	Implementation Effectiveness Of Communication, Information and Education Intervention on Elderly People Nutrition Knowledge And Attitude	P3.3-278-IC-ETWC2016	
	Hartati Muchtar and Zulrahmat Togala	The Effect of Scientific Approaches and Cognitive Style on Learning Outcomes	P3.3-279-IC-ETWC2016	
	Ratnaningsih	The Effect of Problem Posing, Problem Solving, Conventional Strategies and Numerical Mathematics on Critical Thinking Skills	P3.3-322-IC-ETWC2016	
	Herlina	Increasing Reading Comprehension Ability Through Visualizing Media of 4th Grade Students at Labschool Primary School Setiabudi South Jakarta	P3.3-324-IC-ETWC2016	
	R.Madhakomala and Johansyah Anwar	Learning Life Balancea Stedy to Regain Mental Peace of Senior High Students	P3.3-327-IC-ETWC2016	
KECAK ROOM (4)	Vaikunthan Rajaratnam	The Perception, Capability of Teachers and Learners and Success Factors for the Use of Mobile Learning in Medical Education in Singapore	P3.4-54-DE-ETWC2016	I Nengah Suparta
	Made Yudhi Setiani	Teaching Presence in Online Graduate Program Tutorials at Universitas Terbuka	P3.4-55-DE-ETWC2016	
	Kristanti Puspitasari and Boedhi Oetoyo	Implementation of a Study Schedule to Help ODL Students Learn	P3.4-62-DE-ETWC2016	
	Mohamad Toha	MOOCs for Indonesian Open University: A necessity? Exploring Student Satisfaction and Behavioral Intention	P3.4-89-DE-ETWC2016	
	Ginta Ginting*	on Tutorial Online for Continuous Improvement Strategy of Universitas Terbuka's e-Learning System	P3.4-100-DE-ETWC2016	
	Titik Setyowati and Barokah Widuroyekti	The Significance of Online Counseling Communities Forum in Solving the Student's Problem	P3.4-107-DE-ETWC2016	