

# **PROCEEDING**

## **The First International Conference on Mathematics, Science, Language, and Economics in Education (ICoMSLEd)**

### **“Educational Challenge in Industrial Revolution 4.0”**

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# The First International Conference on Mathematics, Science, Language, and Economics in Education (ICoMSLEd)

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**Foreword from the Chairperson of The First International Conference on Mathematics, Science, Language, and Economics in Education (ICoMSLEd)**

Assalamu'alaikum warahmatullahi wabarakatuh.

Distinguished Speakers, Honorable Guests, Ladies, and Gentlement.

Thank God, we are still blessed by Allah to remain together, healthy and hale, and have the opportunity to gather today in attending the International Conference on Mathematics, Science, Language, and Economics in Education (ICoMSLEd) 2019 held by the Faculty of Teacher Training and Education UMMY Solok.

I would like to express my appreciation to the Seminar organizing Committee members who have devoted their tremendous effort and time to make this unprecedented event possible. My special gratitude goes to the speakers and the participants for their willingness and interest.

This seminar is a forum for the scholars, lecturers, teachers in an academic atmosphere. it might for the betterment of the nation and the world of education. We hope this event will run successfully and smoothly. Finally, welcome to the seminar, and those from outside of Solok may enjoy a good experience and memories in Solok.

Solok, 22-23 October 2019

**Dr. Zona Rida Rahayu, M.Pd**  
**Chairperson of the (ICoMSLEd) 2019**

## Foreword from the Chairperson of Prof. Mahaputra Muhammad Yamin, S.H

### Foundation

Assalamu'alaikum warahmatullahi wabarakatuh.

Honorable Chairman of LL DIKTI Regional X, Prof. Dr. H. Herri, S.E., MBA  
Honorable Dr. Gumpanat Boriboon from Srinharinwirot University, Bangkok, Thailand  
Honorable Prof. Kazunori Nozawa, B.Ed., M.A., Ph.D. from Ritsumeikan University, Japan  
Honorable Prof. Gillian Kidman from Monash University, Australia  
Honorable Ts. Dr. Yuseni Bin Ab Wahab from University College of Islam Malacca, Malaysia  
Honorable Major of Solok City  
Honorable Regent of Solok Regency  
Honorable Chairman of Solok City DPRD  
Honorable Chairman of Solok Regency DPRD  
Honorable Head of Solok City Education Board  
Honorable Head of Solok Regency Education Board  
Honorable Rector of UMMY Solok  
Honorable Deans, Vice Deans, and Heads of Department in UMMY  
Honorable Speakers and Participants Delegates of the International Conference

Alhamdulillah, to this day we are still blessed by Allah SWT to be together, in good health, and have the opportunity to gather today in this modest place to attend the International Conference organized by Faculty of Teacher Training and Education, Universitas Mahaputra Muhammad Yamin Solok. Salawat and greetings to the Great Prophet Muhammad SAW who left us two important life guidance in navigating our lives, namely Al-Qur'an and Hadith.

This International Conference is the first conference organized by Universitas Mahaputra Muhammad Yamin, and we have high hopes this will be an annual event organized by Universitas Mahaputra Muhammad Yamin. Hopefully this event will run successfully and smoothly. To the keynote the parallel speakers, we thank you and welcome you to join this event for the progress of the educational world. Lastly, let us pray, may Allah bless this event and help us in following the Great Prophet Muhammad SAW to become His servant who is physically and mentally healthy. Aamiin ya rabbal alamin.

*Wabillahitaufiq walhidayah, wassalamu'alaikum wr.wb*

Solok, 22-23 October 2019

**Suryadi Asmi, SE, MM**  
**Chairperson of Prof. Mahaputra**  
**Muhammad Yamin, S.H Foundation**

## Foreword from Rector Universitas Mahaputra Muhammad Yamin

*Bismillahirrahmaanirrahiim*

*Assalamu'alaikum warahmatullahi wabarakatuh*

First and foremost, I would like to praise Allah, the Almighty God who has given us His grace and gift so that The FIRST INTRNATIONAL CONFERENCE ON MATHEMATICS, SCIENCE, LANGUAGE AND ECONOMICS IN EDUCATION (ICoMSLED) can be held at Universitas Mahaputra Muhammad Yamin. My warm greetings is addressed to Bapak Walikota Solok, Bapak Ketua Yayasan Mahaputra Muhammad Yamin, Keynotes Speakers and my great pleasure to welcome all of you the participants of this conference.

This conference serves as an important avenue for the exchange of ideas and research collaboration. It brings together a sum of researchers, undergraduate and postgraduate from a range of disciplines in education. This is an excellent opportunity for the participants to interact to move science forwards. It is also an effort to implement one of the three dimensions of higher education. Hopefully this conference maintains its pace and be held continuously in the upcoming years. I also hope the relationship and networking amongst the education professionals attending will not only and with this conference here but continues to the next level of working together as partners and international collaboration.

I would like to thank the five keynote speakers, Prof. Dr. H Herri, SE.,MBA head of LL DIKTI Region X; Dr.Gumpanat Bariboon, Srinkharinwirot University Bangkok; Prof. Nozawa Kazunori, Ritsumeikan University Japan; Prof Gillian Kidman, Monash University Australia; and Ts. Dr. Yuseni Bin Ab Wahab University College of Islam Malacca Malaysia; who have been willing to participate in this conference.

Finally I would like to congratulate and thank the organizing committee of this conference who has worked hard, I would like to sincerely thank to our sponsors for their support to make the successful educational conference this year.

To All participants, I wish you have a successful and productive conference. Please enjoy the excellent science, the relaxed atmosphere, the intense discussion and above all the beautiful city of Solok.

*Wassalamu'alaikum warahmatullahi wabarakatuh.*

Solok, 22-23 October 2019

**Prof. Dr. Ir. Syahro Ali Akbar, MP**  
**Rector Universitas Mahaputra Muhammad Yamin**

## **Foreword from Dean Faculty of Teacher Training and Education Universitas Mahaputra Muhammad Yamin**

*Bismillahirrahmanirrahim*

*Assalamualaikum warahmatullahi wabarakatuh*

First of all, let us give thanks to the presence of Allah SWT who has given us the opportunity to gather at the campus of Mahaputra Muhammad Yamin University (UMMY). We welcome the participants of The First International Conference on Mathematics, Science, Language, and Economics in Education (ICoMSLEd) in 2019. This International Education Seminar is a series of routine activities at Mahaputra Muhammad Yamin University in an effort to increase the knowledge of education personnel as an important profession in achieving national education goals.

In addition, this seminar is also an effort to implement one of the three dimensions of higher education, namely research. The international education seminar raised the theme "Educational Challenge in Industrial Revolution 4.0". We thank the five keynote speakers: Prof. Dr. H. Herri, S.E., MBA. (Indonesia) Head of LL Dikti Region X, Dr. G Feedat Boriboon (Thailand) Srinkharinwirot University, Bangkok, Prof. Nozawa Kazunori (Japan) Ritsumeikan University, Japan, Prof. Gillian Kidman (Australia) Monash University Australia, and Ts. Dr. Yuseni Bin Ab Wahab (Malaysia) University College of Islam Malaca, Malaysia who has been willing to participate in this seminar, the organizing committee who has worked hard so that this seminar can be held, and all accompanying speakers and participants for their cooperation and participation. Hopefully this international education seminar will be useful not only for the benefit of speakers, but also for the advancement of education in Indonesia.

Welcome to the 2019 International Education Seminar.

*Wassalamualaikum warahmatullahi wabarakatuh*

Solok, 22-23 October 2019

**Dra. Rosmiyati, M.Pd**  
**Dean Faculty of Teacher Training and Education**  
**Universitas Mahaputra Muhammad Yamin**



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