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# PROCEEDINGS AISTEEL 2017

THE 2<sup>nd</sup> ANNUAL INTERNATIONAL SEMINAR ON TRANSFORMATIVE EDUCATION AND EDUCATIONAL LEADERSHIP

## Educational Research to Endorse Productive and Innovative Generation in the 21<sup>st</sup> Century

16-17 October 2017

Ball Room Grand Mercure Hotel, Medan - Indonesia

Organized by:  
Post Graduate School  
State University of Medan  
North Sumatera, Indonesia

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## Proceedings of The 2nd Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL 2017)

*“Educational Research to Endorse Productive and Innovation Generation in The 21th Century”*

Grand Mercure Hotel, Medan City, North Sumatera, Indonesia

October 16-17, 2017

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## **Preface**

The 2nd Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL with web link is <http://aisteel2017.unimed.ac.id/>) was held on October 16 -17, 2017 in Medan City, Indonesia. This conference was organized by Postgraduate School, State University of Medan (Unimed) and is the routine agenda at Unimed now. The Second Annual International Seminar on Transformative Education and Educational Leadership is realized this year with various presenters, researchers, lecturers and students from universities both in and out of North Sumatera participate in the theme of which is “Educational Research to Endorse Productive and Innovative Generation in the 21<sup>st</sup> Century.”

2nd AISTEEL is the annual international seminar with main aim is to discuss of recent research special for Transformative Education and Education Leadership. Several topics like: Teachers Education Model, Research Global Issue in Education, Mathematics and Science Education, Social, Language Education, Vocational Education, Curriculum, Economic, History and Management Education have been discussed at the 2nd AISTEEL 2017. 2nd AISTEEL international seminar provided experts’ view on transformative education and educational leadership as well as curriculum article presentation. There were five keynote speakers have been came Professor Keiichiro Yoshinaga, Dr. Bambang Sumintono, Dr. Sitti Maesuri Patahuddin, and Dr. Yulia Rahmawaty. The organizer had been use online submission system to receive all abstract, full paper and also communication with authors. All of information include with comment of reviewer can be cheked real time by author.

Chairperson

Dr. Rahmad Husein, M.Ed



## **Welcoming Speech of Director of Postgraduate School State University of Medan**

### **The Second Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL)**

*The honorable,*

- *Rector of State University of Medan, Prof. Dr. Syawal Gultom, M.Pd.*
- *Vice Rectors of UNIMED*
- *Professor Keiichiro Yoshinaga, PhD, Institute of Liberal Arts and Science, Kanazawa University – Japan*
- *Dr. Bambang Sumintono, M.Ed., University Malaya – Malaysia*
- *Dr. Sitti Maesuri Patahuddin, Faculty of Education, Science, Technology and Mathematics, University of Canberra – Australia*
- *Yuli Rahmawati, Chemistry Education Program, Universitas Negeri Jakarta*
- *Deans of Faculties of Education, Languages and Arts, Social Sciences, Natural Sciences and Mathematics, Engineering, Sports Sciences, and Economics*
- *Vice Directors of Postgraduate School of UNIMED*
- *All speakers, lecturers, researchers, students, and participants*

Good Morning

Welcome the honorable guests speakers Professor Keiichiro Yoshinaga, Dr. Bambang Sumintono, Dr. Sitti Maesuri Patahuddin, Assoc. Prof. Emilia Zulmira de FAN, and other speakers, lecturers and students from outside and inside Unimed to this international seminar which is the routine agenda at Postgraduate program of Unimed now. I'm glad that 'The Second Annual International Seminar on Transformative Education and Educational Leadership' is realized this year with various presenters, lecturers and students from universities both in and out of North Sumatera. and participate in the theme of which is "Educational Research to Endorse Productive and Innovative Generation in the 21<sup>st</sup> Century."

Ladies and Gentlemen,

In this second seminar exels the first one related to the administration by online and the publication index by either Thomson Reuters or Google Scholar. By the new policy on student's publication, postgraduate program really matches the system, particularly for the students who will sit in the oral defence examination. Through the seminar, the postgraduate students improve their article journal writing and it is proved by many articles are submitted by the students.

The plenary speakers coming from 15 provinces in Indonesia will present topics covering multi disciplines. They will contribute a lot of inspiring inputs and new knowledge on current trending educational research topics all over the world. The expectation is that all potential lecturers will share their research findings to educational scientists and researchers as well for improving their teaching process and quality. Thus, this will contribute to the next young generation researchers to produce innovative research findings in education and educational leadership contexts.

This second seminar continues the promotion of the first sequel 'Developing Future Teachers' Education Model. Therefore, the propose of this second seminar on the transformative education and educational leadership research will trigger the young professional lecturers and educators to compete in the invention of inovative educational teaching and learning strategies, techniques and leadership.

I hope that the scientific attitude and skills through research will promote Unimed to be a well-known university which persists to be developed and excelled in the future.

Thank you the Rector of Unimed who always supports us in organizing the seminar. Thank you all guest and plenary speakers. Special thanks to both steering and organizing committee who have well-coordinated and collaborated in actualizing the seminar.

Director of Postgraduate Unimed

Prof. Dr. Bornok Sinaga, M.Pd

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