ABSTRACTS
DELEGATE HANDBOOK

The 3rd Annual International Seminar On Trends In Science And Science Education 2016

Organized by:
Faculty of Mathematics and Natural Sciences
State University of Medan

Medan, Garuda Plaza Hotel
October 7th, 2016

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In Science and Science Education 2016, 3rd Annual International Seminar on Trends in Science Education, we would like to convey our thanks to the faculty members for their work in organizing this important seminar. We also wish to extend our thanks to all of the committee members and the students who have attended the seminar. We are very grateful for the support and attention to this important event. We wish to convey our thanks to the faculty members for their work in organizing this important seminar. We also wish to extend our thanks to all of the committee members and the students who have attended the seminar. We are very grateful for the support and attention to this important event.

Welcome to the 3rd Annual International Seminar on Trends in Science and Science Education 2016. This is the third time we have organized this seminar and we are proud that this seminar will be held every year in our calendar. We wish to convey our thanks to all of the committee members and the students who have attended the seminar. We are very grateful for the support and attention to this important event.

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The meeting will be held from October 7–9, 2011, at the University of Minnesota’s McNamara Alumni Center. All conference and event space facilities are available for the duration of the event. The conference will focus on the development of research in the field of energy efficient building systems. The goal of the conference is to foster collaboration among the different actors involved in research and to encourage the exchange of ideas and information.

The committee acknowledges the support of the following organizations: the University of Minnesota, the National Renewable Energy Laboratory, and the U.S. Department of Energy.

The special welcome also goes to all members of the committee from other universities all over the world. We welcome you to this important event and encourage you to participate in the activities planned for the conference.

The committee regrets that due to unforeseen circumstances, some of the key speakers are unable to attend. We apologize for any inconvenience caused.

First, let us be thankful to the one and all.
Thank you very much.

endeavor.

We wish you good luck and success in this

endeavor.

Special thanks and appreciation to the

Funding Honorable Fr. Dr. Jemain Ebuya,

Finally, I conclude my speech by kindly

may not have taken place today.

because without their assistance this seminar

their continuous support and hard work

website in the Library of all faculties.

They sincerely thank you, once again to all members

of the faculty for their time and patience.

Today I wish to honor you by opening this seminar

providing the precious time to be with us and

us his full support and attention and for

Secretary, Dr. Jerry Gutten M.Pd.

Associate, Dr. Myrtha, M.Pd.

Chairman:

Dr. Herbert Sigkaur, MSc. M.Si.

Treasurer:

Mr. Andi Sutanto, M.Si.

Editor:

Dr. Gery Darmadiputra

Chairman:

Dr. Herbert Sigkaur, MSc. M.Si.

Organizing Committee

October 7–9, 2016, in Meida and Pemalang
Implemented in Indonesia, curriculum in 2013 which is being contributed as an author and trainer in the frame of the project "Indonesian Curriculum, National Education of the Republic of Indonesia as Head of Human Resources Development Education and Culture." He served as a first action in the Ministry of Education, the state university of Medan, before returning to serve in education, he has been teaching at the State University of Medan. He has taught mathematics and was a doctoral program (DS) of education. He completed his PhD thesis in 1988 at the University of Indonesia. He moved to Malaysia to pursue his PhD in management at the University of Malaysia. He was born in North Tapanuli, February 1962.

Keynote Speaker

Scientific Committee
Plenary 1: Chemistry
Keywords: Chitosan, Penicillium

Adsorbents: Of Shrimp Shell: Potential As Metal Characterization Of Chitosan From The Waste
ASPHALT SHELL OIL PALM AS FILTER MODIFIED UTILIZATION BURNING WASTE MATERIAL

\\begin{abstract}
This study aims to determine the characteristics and utilization of asphalt containing filter modified with vegetable filter oil palm waste material.
\\end{abstract}

Key Words: Asphalt, Filter Modification, Vegetable Oil Palm Waste

\textit{Wisyantwitaugah, Nila, Yosef Aboua, Stiven Duenag, Weny A. Musa}