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INTERNATIONAL SEMINAR (SSEIS)**

Promoting Science for Technology &
Education Advancement

Yogyakarta, 27-28 September, 2019

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PREFACE

The 1st Science and Science Education Seminar (SSEIS): “*Promoting Science for Technology & Education Advancement*” held by the Faculty of Mathematics and Science, Universitas Negeri Yogyakarta, Indonesia on September 27-28th, 2019. The conference was organized by faculty of Mathematics and Natural Sciences, Universitas Negeri Yogyakarta. This seminar presented four keynote speakers, which were Prof. Mahesh Narayan, Ph.D (Department of Chemistry, The University of Texas at El Paso Texas USA), Prof. Dato’ Dr. Musa bin Ahmad (Biosensor, University Sains Islam Malaysia), Prof. Mustafa Sozbilir, Ph.D (Science Education, Graduate School, Ataturk University Turkey), and Djohan Yoga, Ph.D (Mindset Development and Creativity Innovation, International Trainer for Asia Singapore), and two invited speakers which were Prof. Dr. Is Fatimah (Faculty of Mathematics and Natural Sciences, Universitas Islam Indonesia) and Dr. Valentinus Galih Vidia.Putra, S.Si., M.Sc (Politeknik STTT Bandung, Kementerian Perindustrian Republik Indonesia).

This proceedings is the regular edition (non-Scopus-indexed) of the seminar proceedings of the 1st Science and Science Education Seminar (SSEIS). All papers in this proceeding were obtained from a selection process by a team of reviewers and had already been presented in the seminar. This proceedings covered 13 categories, they are environmental science, material science, health science, food science, chemistry, chemistry education, physics, geophysics, physics education, biology, biology education, science education. The categories are further divided into four major groups namely Biology (B), Chemistry (C), Physics (P), and Sciences (S).

Hopefully, this proceedings may contribute as the media of communication for scholars and professionals on science and science education from over the world to discuss their investigation findings, to create harmonization of education on science, to build and to strengthen network and to increase branding of science institutions.

Yogyakarta, September 2019
Editorial Team

TABLE OF CONTENTS

Cover	i
Organizing Committee	ii
Preface	iii
Table of Content	iv
Keynote Speakers	
Mustafa SÖZBİLİR	A-1
How to Make Science Accessible to Students with Visual Impairments (VI)?	
Mahesh Narayan	A-39
The Era of Neurodegenerative Metastasis	
Regular Presenters	
A R Bagasta , S Widoretno, S Dwiastuti , and Sajidan	B-1
Implementation Instructional Technique Teacher’s Questions In Meeting The Problem Of Problem Based Learning to Increase Pattern Concept Map Scores	
A D Septiana and Suratsih	B-7
Development of student worksheet for basic introduction of Angiosperms classification in the environment of 3 Bantul senior high school as a plant classification learning media	
E N W Octavia, Sri Widoretno, Sutarno, Sri Dwiastuti, and Sajidan	B-17
The effect of instructional techniques question at the overview, integration and evaluation PBL to cross-link in the concept map	
D R Hakim and Suratsih	B-23
The Implementation Of Scientific Approach Learning Model Using Real Object And ICT Towards Biological Literacy In The Urinary System Subject In SMA Yogyakarta	
S A Palupi and Suratsih	B-29
Designing Cellular Biology Dictionary Based On Android System As Learning Media For Senior High School Students	
T Aminatun, B Subali, Yuningsih, A Dwiyani, I Prihartina, and D Meliana	B-34
Developing an android-based biology learning module utilizing local ecosystem materials to improve thinking skills of senior high school students	
L Sugiyarto, Djukri, S. Aloysius, N A Ariyani, and S Hidayati	B-42
Photosynthetic response and chlorophyll content of <i>Spathoglottis plicata</i> Blume on different altitudes	
N S Ningtyas and T Aminatun	B-48
Population Dynamics of Canopy Arthropods On Chili With Organik Treatment Plant	
Suhandoyo, Ciptono, T Hardjana, Z Erwinda, P E Mella, Devira, A Enggar, and A Shahrani	B-54
Earthworms (<i>Lumbricus rubellus</i>) Performance on Bagasse	
E B E Kristiani, S Kasmiyati, and M M Herawati	B-60
The potential of <i>Artemisia cina Berg ex Poljakov</i> as Antioxidant Agent	
D Salirawati, E Priyambodo, and A R E Nugraheni	C-1
Critical Thinking Levels on Acid-Base Topic of 11 th Grade Students in Yogyakarta	
J D Wijayanti and J Ikhsan	C-10
Virtual Reality Laboratory for Chemistry Education: The Effect of VR-Lab Media on Student’s Cognitive Outcome	
M Purpuniyanti, M Masykuri, and M Ulfa	C-17
Analysis of Computer-Based Testlet Test Models	
N Qomariyah, A K Prodjosantoso, M I Romadhon, R M Sari, and H B Huda	C-23
National chemistry exam: Get students “to HOTS” or “just hot”?	

A Wiraningtyas, E Rohaeti, K Budiasih, Ruslan, and P A Mutmainnah Preparation of Cu Nanoparticles (CuNPs) using <i>Sargassum</i> sp. and Its Application as A Self-Cleaning Material on Woven Fabrics	C-30
E D Siswani, A Fillaeli, S Kristianingrum, Sulistyani, PC Moneteringtys, and I F Sani Regeneration of activated charcoal adsorbent in reducing Fe (III) and Ni (II) concentration by displacement method	C-35
E Nawawi, Hartono, A Suharman, and Y T Filindity Development of teaching material in the chemical solution based on inquiry learning in chemistry education of Faculty of Teacher Trainer and Education of Universitas Sriwijaya	C-41
M Wiratama and C Budimarwanti Synthesis and characterization of 1,3-bis-(4'-dimethylamino benzylidene)acetone by cross aldol condensation reaction using microwave assisted organic synthesis (MAOS) method	C-48
Ruslan, E Rohaeti, K Budiasih, A Wiraningtya, Ariyansyah, and P A Mutmainnah Natural Dye Extraction from Brown Algae using the Microwave Assisted Extraction	C-54
R S Sudibyo and H Purnomo Molecular docking compounds of essential oil isolated from <i>Curcuma mangga Val.</i> toward EGFR	C-61
D Saputra, A P Anggiani, D R H Hakim, and N Aznam Wound Drug Preparations For Hemophilia Sufferers Using Tea-Tehan Leaf Extract and AgNPs	C-70
M Paristiowati, Suhartono, N L Kurniawati, and D I Untary Using Google Classroom for Flipped Learning Model and Its Effect Students' Learning Outcomes in Chemistry	C-75
R Prasetyowati, Ariswan, Warsono, and N Dewi Synthesis and Characterization of Magnetite Nanoparticles (Fe ₃ O ₄) Based on Iron Sand from Glagah Kulon Progo Yogyakarta via Coprecipitation Method with Variations in The Dissolution Duration	P-1
V G V Putra, R Sahroni, and A Wijayono A Modeling Study Of Viscoelastic Material of Wool-Lycra 36 Tex Yarn	P-8
A A Siswoyo and B R Wijaya Ethnoscience Study Of Corn Field As A Thematic Science Learning Resource	S-1
E Trisanti, Mardiyono, S T Hidayat, and T A S Amarta Probiotic for Pregnancy: A Review	S-7
I Maryani, N E Pramesti, L Fatmawati, and V E Erviana Standarize Diagnostic Test of Elementary School Student's Learning Difficulties on The Digestive System Material	S-14
K Widitaningrum and E Purwanta Influence of the Creative Problem Solving Model on Studentes Creative Thinking	S-24
Ngadikun, A A Djajakusumah, N Asikin, T Utoro, K A Nugroho, and W S B Dwandaru Description of immunohistochemically p53 gene expression and pattern of blood-edta absorbance of rat (<i>rattus norvegicus</i>) induced with hepatocarcinogenic agents	S-29