



Yogyakarta State University's 45th Anniversary

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INTERNATIONAL SEMINAR ON EDUCATION

Responding to Global Education Challenges

May 19, 2009

international seminar committee
2009

SEMINAR GUIDE



INTERNATIONAL SEMINAR ON EDUCATION:

Responding to Global Education Challenges

Yogyakarta State University

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THE RECTOR'S WELCOME ADDRESS

Distinguished Guests, Seminar Participants, and Ladies and Gentlemen,

It is an honor and a pleasure for me to welcome you all here at this International Seminar on Education. This seminar, the first one of its kind, which is conducted in conjunction with the 45th Anniversary of Yogyakarta State University, is an effort to respond to global education challenges we are confronting right before our eyes. In facing these challenges we can do more if we work together. Inviting the international speakers enables us to share ideas on how different countries try to solve their problems. It may inspire others in finding the best way to solve theirs.

The idea of initiating an international seminar in conjunction with our university's anniversary is meant to mark our seriousness in materializing our commitment to moving towards the world class university. There is still a very long journey towards this ideal, but without a prompt start, we will never get there.

As the Rector of Yogyakarta State University, I would like to extend my highest appreciation to the international speakers from the UK, Japan, Malaysia, as well the local ones, lecturers, teachers, students, for the willingness to speak in this seminar, to share valuable ideas to meet the goal of this gathering. My appreciation also goes to the seminar committee's work hard to make this momentum effort possible.

I do hope participants of this seminar can make use of this opportunity to initiate or strengthen links with partner institutions represented by the speakers or participants present at this seminar. Do have a fruitful seminar.

Yogyakarta, May 19, 2009

*Dr. Rochmat Wahab, M.Pd., M.A.
The Rector of Yogyakarta State University*

ADDRESS BY THE CHAIRMAN OF THE ORGANIZING COMMITTEE

Distinguished Guests, Seminar Participants, Ladies and Gentlemen,

First of all, on behalf of the Seminar Committee, I would like to extend our warm welcome to this International Seminar on Education, with the proposed theme "Current issues in global education and their implications for pedagogical practices."

This seminar is the first of its kind. We usually cater a seminar on a single discipline: linguistics, language teaching, social science education, IT, sports, or any other coherent subjects. In response to the demands from emerging international-standard schools, that multidisciplinary forums may enable practitioners to share ideas, problems, and possible solutions, we are trying to accommodate these demands by conducting a seminar with participants of diverse disciplines.

Therefore, in the plenary session we will hear the speaker presenting topics on English language teaching, history, and vocational education. We do hope the speakers and the audience of these diverse disciplines may learn from each other so that we all can find this seminar broadening our horizon.

Though we realize that the success of this seminar is our vision, granting you convenience is our mission, we cannot close our eyes from the fact that some inconveniences may confront you before, during and after this seminar. For such inconveniences, please accept our apology.

I would also like to take this opportunity to thank all the individuals and institutions for the direct and indirect support to make this seminar possible.

Jogyakarta, May 19, 2009

Sugiono, Ph.D.

Chairman of the Organizing Committee

Seminar Time Table
19 May 2009

Session	Room	Topic	Presenter	Topic	Moderator
Plenary 1	Main Conference Room	KEYNOTE SPEECH	The Role of Yogyakarta State University	KEYNOTE SPEECH	
Plenary 2	As above	EILT Vocational Ed. History	Iyodan Cirebon	Are Vocational oriented school really response to globalization?	Moderator
			Abda Widiarta, M. Mulkari	Malaysia VET: Approaches in meeting global challenges	Sahar M. Sidiq
			Endang Triandhi	Professional teacher development	Nur-Idris
					Dyah S
					Charynny
					Neak Seng
Parallel Session 1					
1	Language Test & Assessment	Language Test & Assessment	Lani Nurkayati	Examining IELTS speaking tests	
			Iyadh	Planning portfolio assessment to assess students' learning in English language classes	
			Sugri	Know what you are doing: learning-teaching theories behind the classroom practice	
2	Curriculum & Classroom Building	Curriculum & Classroom Building	Das Supriatny	Challenges of education in a developing country in the globalisation era	Dyah S
			Sri Wining	The building of good character through value based learning	Charynny
3	Teaching Mathematics	Teaching Mathematics	M. I. Dewiyanti, S	The students' thinking process profile in solving mathematical problems using personally Type	Margana
			Therani Estrosal	Senior high school students' meta-cognitive process in solving mathematics problems	
			Evo Hidayati	The concept of trigonometry learning through learning methods	
4	Teacher professional development	Teacher professional development	Nury Supriatny	How Unprofessional Teachers Can Be?	Suryak
			Iyadh	An experience in the teacher certification process	
5	Science teaching (I)	Science teaching (I)	Sukarna	School based Professional Community Learning: An alternative to improve quality teachers	
				Developing teachers' competence: advisory research professionalisation	
6	Sport Education & Research	Sport Education & Research	Muhur	Energy, physical preparation and molecular systems of injury and its model using PNO Orbital molecular calculation	Art Purno
				The implementation of Crambler in Chemistry learning	
7	Instructional system	Instructional system	City Setawan dan Ahmad	Psychological content knowledge in Physical education teacher curriculum	Vien Tri
			Ridwan	Research concept on sport pedagogy	
7	Instructional system	Instructional system	M. Muzah	The function of information and communication technology (ICT) in instructional system	Satori
			Prasno	The implementation of responsive pedagogy in input educational system	
			Muzafar		

Session	Room	Topic	Presenter	Paper	Moderator
Parallel Session II	1	Language Teaching	Soviyah	From Local to global: weaving local works into EFL teaching and learning process	Itskhin
			Dyah S. Ciptaningrum	Going virtual: providing an option in ELT	
			Margana	The Role of interaction in second language learning	
	2	Research in Education	Eadah Renowati	Toward the improvement of group learning using goal-free problems	Sukarno
			Ari Purnawan	Common flaws in students' research proposals	
			Lia Maula dan Sadarnadji	Improving student's reading skill (Leseverstehen) in German department by using 'Aufgaben'	
	3	Electronics & Electrical Engineering	Agus Heri Setya Budi	The introduction of critical thinking in electronic engineering	Nurik Sugesti
			Muhaghaed Ali	The implementation of e-learning to increase students' motivation in the electromagnetic field course	
			Mushoodah, Umi Rochayati dan Muhammad Munir	The integrated briefcase model: a teaching media in the practicum of digital electronics	
	4	Teaching in primary schools	Siebrig H. Schwuler	Innovation of the lesson plan in primary levels	Caly Setiawan
			Hilmiati	Developing social skills through the teaching of poems to primary school students	
			Rosida Tiarna Mananang	Absolute study of language using soft skill methodology	
	5	Ethics, Soft & Life skills	Paulus W. Priyatama, S.J.	Case Study Approach Applied in Food Ethics Course as an Innovative Model to Increase Indonesian Students' Global Awareness and Ethical Concern	Nury Supriyanti
			Wijana	The integration of life skills in preparing graduates of excellence	
			H Yuli Priyanto	Composting in school instilled in student a sense of environment stewardship	
	6	Teaching Mathematics (2)	Nur Kholis	Utilizing STAD strategy for improving the quality of mathematics teaching learning process	Jamilah
			Bambang Subarjo	Characteristics of student discipline and hard work in mathematics problem solving	
	7	Science teaching (2)	Dyah Perwaningsih, KH Sagjyanto, Kus Sri Badiah	The implementation of jigsaw type cooperative learning	Orin Stephecy
			Vista Tisnani	Constructive learning dan Javanese culture: primary science teaching in central java, Indonesia	
			M. Syahrudin Amin	Role optimization of science education in students' character building	

Pedagogical Content Knowledge in Physical Education Teacher Education Curriculum (An International Comparative Study)

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Abstract

This research was a preliminary research on the pedagogical content knowledge (PCK) of the Department of Physical Education, Health and Recreation (PEHR), Yogyakarta State University. It aimed at comparing the content of PCK in physical education teacher education (PETE) curriculum both locally and internationally. More specifically, the research looked for a comparative analysis of the curriculum implemented by the Department of PEHR in comparison to local and international universities providing the PETE programs.

This research was a document study reviewing PETE curriculum from 8 local universities and 8 international universities. Data were gathered from documents such as curriculum and syllabus. The data analysis employed coding, memoing, and issue-focused analysis.

The findings show that when seen from time allocation and the syllabus, the content of PCK in PEHR was medium in comparison to that of international universities and was high in comparison to that of local universities. It means that PCK was a big deal internationally but was not nationally well-regarded as an important point in preparing physical education teachers. In other words, courses under the umbrella of PCK contributed critically to student teachers by providing opportunities for them to practically learn about teaching planning and strategies, teaching practices, and outcome evaluation in a real context. The heavier the content of PCK, the more opportunities students have and therefore they are more ready entering the real work place.

Keywords : *Pedagogical Content Knowledge, Physical Education Teacher Education Curriculum, International Comparative Study*