

PROCEEDINGS

International Conference on Education Faculty of Teacher Training and Education UM Jember Jember, July $30^{th}-31^{st}$, 2016

"INNOVATIVE TEACHING PRACTICES IN GLOBAL ERA: TEACHER'S CHALLENGE OR CHANCE"

Editor : Fitrotul Mufaridah, M.Pd.

Fitri Amilia, SS., M.Pd.

Reviewer Team : Prof. Dr. Suparmin, MA.

Dr. Tanzil Huda, M.Pd. Dr. Hanafi, M.Pd. Dr. Moch. Hatip, M.Pd.

Drs. Kukuh Munandar, M. Kes. Yoga Dwi Windy K.N., S.Pd., M. Sc.

Astri Widyaruli A., SS., MA.

Language Team : Henri Fatkurrochman, SS., M.Hum

Indri Astutik, M.Pd.

Taufik Hidayat, S.Pd., M.TESOL

Cover Design & Layout : Anita Fatimatul Laeli, M.Pd.

Nanda Krista, S.Pd. Anam Fadlillah, S.Pd.

Copyright ©2016, LPPM, UMJ Cetakan Pertama July 2016

Printed and published by University of Muhammadiyah Jember Perpustakaan Nasional RI: Katalog dalam Terbitan (KDT)

543 halaman, 210 x 297 mm

ISBN: 978-602-6988-21-8

Hak cipta dilindungi undang-undang Menfoto copy atau memperbanyak dengan cara apapun, sebagian atau seluruh isi buku ini tanpa seijin penerbit adalah tindakan tidak bermoral dan melawan hukum

Phone : +62331-336728 Fax : +62331-337957

Email: ieco.fkip.umj.16@gmail.com

PREFACE

This book contains the proceedings of the papers presented on International Conference on Education (IECO) by the Theme **Innovative Teaching Practices in Global Era: Teacher's Challenge or Chance.** This International Conference on Education was held in Ahmad Zainuri Hall University of Muhammadiyah Jember on $30^{th} - 31^{st}$ of July 2016. The conference was organized by Faculty of Teacher Training and Education University of Muhammadiyah Jember.

The theme raised in the conference is due to the important necessity of readiness on facing education practice challenge. Global Era affects both economic and educational practice. With regard to educational practice, it is now common that a number of Indonesians, for instance, set out to become a teacher in Australia, or those from the Philippines come to teach in Indonesia. In other words, what appeared unlikely in the old days has, at the moment, constituted common practice. Insofar educational practice is concerned, every teacher will bring his/her experience and methodological preference into his/her classroom. These experience and methodological preference are not only interconnected but also reasonably and logically grounded. Therefore, all paper presented explore some innovative teaching practices concerning to the theme and sub themes.

On behalf of the organizing committee, I would like to express my deepest gratitude and appreciation to all presenters who are willing to share their expertise and experience in the conference. I honestly believe that the diverse backgrounds of the presenters in the conference could broaden our knowledge on innovative teaching practices and other education issues.

Thank you very much,

Jember, July 30th, 2016 Chairman of Organizing Committee WELCOME SPEECH OF
DEAN OF FACULTY OF TEACHER TRAINING AND EDUCATION
UNIVERSITY OF MUHAMMADIYAH JEMBER

Assalamu'alaikum wr. wb.

First of all, please say thanks to Allah who always give us healthy and blessings. For our second worship, our prayer shalawat and salam to our prophet Muhammad SAW who has guided all mankind to the lightness. I also would like to express my gratitude to the committees and all participants for handling this

program.

Education is key of human empowerment. Discussing about Education can encourage those people who concern in it. The result of discussion can also bring people to raise dream. Because Education is important, so discussing about education is also becoming one of our priority to provide through a conference. This conference on education is hopefully facilitating all participants to share their ideas, opinion, and also experience in education. The result of this conference could enlighten us to be more aware in educating our students through the use of language.

Finally, once again on this occasion I would like to congratulate and acknowledge the committee as my appreciation for organizing this conference. Welcome to the conference, and in particular I thank to the speakers for their contribution. We hope that the participants of the conference can make advantages for this valuable opportunity, and this activity can be beneficial to all parties.

Wassalamu'alaikum wr. wb.

Jember, July 30th, 2016

Dean,

Dr. Moch. Hatip, M.Pd.

RUNDOWN OF INTERNATIONAL CONFERENCE ON EDUCATION FACULTY OF TEACHER TRAINING AND EDUCATION UNIVERSITY OF MUHAMMADIYAH JEMBER

Saturday, July 30th 2016

TIME	AGENDA	SPEAKER/DOER
07.00 -	Registration	All participants
08.30		
08.30 -	Opening &	Rector of University of Muhammadiyah
09.15	performance	Jember
09.15 -	Coffee break	Committees & all participants
09.30	Correct oreak	Committees & an participants
09.30 -	- First Plenary	- Prof. Ocky Karna Radjasa, M.Sc., Ph.D.
12.00	Session	- Prof. Dr. Sukree Langputeh
	Session	- Dr. Ir. M. Hazmi, D.E.S.S
	- Signing MOU	Cotabato State University, Philippines & Fatoni University, Thailand
12.00 -	D1-	C
13.00	Break	Committees & all participants
13.00 –	Parallel	Procentors & participants
15.00	Presentation	Presenters & participants
15.00 –	Break	-

Sunday, July 31st 2016

TIME	AGENDA	SPEAKER/DOER
08.00 – 10.30	Second Plenary Session	Dammang S. Bantala, Ph.D.Dr. Aminullah ElhadyUum Qomariyah, S.Pd., M.Hum
10.30 – 10.45	Coffee break	Committees & all participants
10.45 – 12.15	Parallel Presentation	Presenters & participants
12.15 – 12.45	Closing	Rector
12.45 – 13.00	Break	Committees & all participants
13.00 – 16.00	Field Trip	Committees & participants

PARALLEL PRESENTATION

Saturday, July 30th, 2016

Room 1.2 (Moderator: Kristi, Notulen: Aulia)

No	Presenter	Institution
1.	Dra. Tri Endang J., M.Si.	PG PAUD UM Jember
	Dra. Wahyu Dyah Laksmi W.,	
	M.Pd.	
2.	Nur Lailiyah, M.Pd.	Univ. Nusantara PGRI Kediri
3.	Dra. Khoiriyah, M.Pd.	PG PAUD UM Jember
4.	Angraeny Unedia Rachman, SH.,	PG PAUD UM Jember
	M.Pd.	

Room 1.8 (Moderator: Hujjatul Islamiyah, Notulen: Melo)

1	Siti Maryam, SS., MA.	PBSI UM Jember
2	Hasan Suaidi,	PBSI UM Jember
3	Dr. Hanafi, M.Pd.	PBI UM Jember
4	Ageng Soeharno, M.Pd.	PBI UM Jember

Room 1.9 (Moderator: Dwi Mei Sandi, Notulen: Rike)

1.	Astri Widyaruli A., SS., MA.	PBSI UM Jember
2.	Norodin Salam, Ph.D	Cotabato State University,
		Thailand
3.	Rindi Prastika Wardani, S.Pd.	PBI UM Jember
	Dwi Mei Sandy H., S.Pd.	
4.	Achmad Muchlis	PBI UM Jember
5.	Dr. Lilik Wahyuni, M. Pd	IKIP Budi Utomo Malang

Room 1.6 (Moderator: Kuni Hikmah, Notulen: Balqis)

1.	Nhelbourne K. Mohammad,	Cotabato State University,
	M.Ed.	Philippines
2.	Dr. Yohanes Harsoyo	Sanata Dharma , Yogyakarta
3.	Henri Fatkurochman, S.S.	PBI UM Jember
	M.Hum.	
4.	Nitya Jwalita, S.Pd.	SMAN 2 Jember
5.	Arin Amalia P., S.Pd.	PBI UM Jember
	Hendra Sri H., S.Pd.	

Room 1.7 (Moderator: Muhlas, Notulen: Ichan)

1.	Joni Susanto	STIBA Malang
2.	Widadatul Maftuha, S.Pd.	PBI UM Jember
3.	Sunaryo Nailul Marom, S.Pd.	PBI UM Jember
4.	Mas Samsuri	PBSI UM Jember
5.	Nur Hayati, S.Pd.	PBI UM Jember
	Yeni Mardiyana D., SS., M.Pd.	

Room 2.13 (Moderator: Yoga, Notulen: Nurika)

1.	Chusnul Khotimah G.	Pend. Matematika UM Jember
2.	Abdul Haris Odja	Univ. Negeri Gorontalo
3.	Hana Puspita Eka Firdaus	Pend. Matematika UM Jember
4.	Masra Latjompoh	Universitas Negeri Gorontalo
5.		

Room 2.6 (Moderator: Indri, Notulen: Yusi)

1.	Rayh Sitta Nurmala, M.Pd.	Pend. Biologi UM Jember
2.	Bahtiar	Pasca UNESA
	Wasis	
	Yuni Sri Rahayu	
3.	Abdillah Nugroho	Pasca UMS
4.	Christine Wulandari S., M.Pd.	Pend. Matematika
5.	Frida Maryati Yusuf	Surabaya State University
	Soeparman Kardi	Gorontalo State University
	Yuni Sri Rahayu	

PARALLEL PRESENTATION

Sunday, July 31st, 2016

Room 1.2 (Moderator: Dwi Mei, Notulen: Aulia)

1.	Kristi Nuraini, S.Pd.	PBI UM Jember
2.	Ninuk Indrayani, M.Pd	IAIN Jember
3.	Misyana, M.Pd.	PG PAUD UM Jember
4.	Nurika Mustika, S.Pd.	PBI UM Jember
5.	Hujjatul Islamiyah, S.Pd.	PBI UM Jember
	Kuni Hikmah Hidayati, S.Pd.	

Room 1.8 (Moderator: Aryo, Notulen: Arin)

1.	Yoga Dwi Windy K.N., S.Pd.,	Pend. Matematika
	M.Sc.	
2.	Kukuh Munandar	Pend. Biologi UM Jember
	Muslimin Ibrahim	Pend. Sain UNESA
	Leny Yuanita	Pend. Sain UNESA
3.	Novi Eurika, SS., M.Pd.	Pend. Biologi UM Jember
	Arief Noor Akhmadi, MP.	
4.	Ika Priantari, M.Pd.	Pend. Biologi UM Jember
5.	Nurul Imamah, S.Si, M .Si	Pend. Matematika UM Jember
	Zulfa Anggraini R M.Pd	

Room 1.6 (Moderator: Rindi, Notulen: Hendra)

1.	Wiwit Wahyutiningsih	Gresik
2.	Ismael Naewae	Thailand Student
	Dr. Tanzil Huda, M.Pd.	
3.	Wirman Hardi Gunawan	Universitas Mataram
	Rozali Jauhari Alfanani	
4.	Dra. Sawitri Komarayanti, MS.	Pend. Biologi UM Jember
5.	Rohmad Wahid Rhomdani	Pend. Matematika UM Jember

Room 1.7 (Moderator: Indri Notulen: Widadatul)

1.	Fitrotul Mufaridah, M.Pd.	PBI UM Jember
2.	Anam Fadlillah, S.Pd.	PBI UM Jember
	Mochtar Muhtadi Iksan, S.Pd.	
3.	Muhlas Febriandi, S.Pd.	PBI UM Jember
	Anita Fatimatul L., M.Pd.	
4.	Yayah Ikhda Nevia, M.Pd	PBI UM Jember

Room 1.9 (Moderator: Ichan Notulen: Anam)

1.	Muhlisin, M.Pd., MA TESOL	Curtin University
2.	Verweny Rochcy Maryati	Universitas Mataram
3.	Lukas Kujawa	Poland (Internship-Indonesia)
4.	Yeni Dwi Rahayu	Informatics Enginering UM Jember

Table of Content

Pre	face	i
	lcome Speech of Dean of Faculty of Teacher Training and Education versity of Muhammadiyah Jember	ii
Rur	ndown of International Conference on Education	iii
Tab	ole of Content	viii
1	The Virtual Web board Yeni Dwi Rahayu	1
2	Super (a; d)-Edge Antimagic Total Labeling of Connected Sunflowers Graph Rohmad Wahid Rhomdani	6
3	Profile of Mental Computation of Elementary Pre-Service Teacher According to Reflective-Impulsive Cognitive Style Chusnul Khotimah Galatea	16
4	The Study of Basil Flower Attractant (Ocimum Basilicum) Towards Fruit Flies as Biology Learning Resource in Vocational High School Novy Eurika, Arief Noor Akhmadi	
5	Teachers' Adoption of Information and Communication Technology in Senior High School Economics Instruction Yohanes Harsoyo	2837
6	Improving Students' Writing Ability Through Written Feedback *Achmad Muchlis**	47
7	Supporting Educators to Further Developing Students' Writing Through Talk for Writing Approach Widadatul Maftuha	52
8	Improving The Students' Skill in Writing Descriptive Text Using the Power of Two Strategy Sunaryo Nailul Marom	57
9	Improving Students Speaking Ability by Using Role Play at Seventh Grade of Darul Mahdeeyah, Thailand <i>Arin Amalia Putri, Hendra Sri Hariyati</i>	63
10	Improving Students' Listening Comprehension by Using Dictogloss Technique at Darul Qur'anilkariim School Narathiwat- South Thailand Hujjatul Islamiyah, Kuni Hikmah Hidayati	70
	11ajjana 15mmyan, Xam 11mman 11mayan	70

11	Improving the Tenth Grade Students' Speaking Ability by Using STAD at SMKN 5 Jember Rindi Prastika Wardani, Dwi Mei Sandy Hermawati	79
12	Improving Students' Simple Tenses Mastery by Using English Song at MA Nurut Taqwa Cerme Nur Hayati, Yeni Mardiyana Devanti	89
13	A Guided Inquiry Approach-Based Physics Practice Model to Improve Students' Critical Thinking Skill Bahtiar, Wasis, Yuni Sri Rahayu	96
14	Media Exhibition in The Biological Learning Process to Improve the Scientific Skills, Creativity and Innovation Sawitri Komarayanti	109
15	The Implementation of Cooperative Learning Based on Newman's Error Analysis Procedures in Mathematical Statistics II Course <i>Yoga Dwi Windy Kusuma Ningtyas</i>	117
16	Science Writing Test Development for Junior High School Students Abdul Haris Odja	125
17	The Assessment of 2013 Curriculum at Senior High School Nitya Jwalita	134
18	The Non-Formal Peace Education in The Street: Experience of Habal-Habal Drivers in Cotabato City, Philippines Norodin Salam	150
19	Cultural Values Struggle in "Perjumpaan Malam" Short Story by H. Usman Hermawan, M. Pd. Lilik Wahyuni	155
20	The Cultural Contribution of the School to Increase Indonesian Language Skills of Learners (A Case Study in SMPN 3 Sumbawa Besar)	
	Verweny Rochcy Maryati	166
21	Learning Method Self Directed Learning Based of ICT: Used Game Android Character for Indonesian Language Learning Siti Maryam	184
22	Gruwell's Great Power to Reach Her Interests: A Hegemonic Study On Freedom Writers Movie Abdillah Nugroho	196
23	Designing Language Classroom to Emerge Students' Better	
	Attitudes: Social-Awareness, Self-Confidence, and Pride Henri Fatkurochman	206

24	Learning Vector Analysis with Computer Algebraic System (CAS) Using Scilab at The Muhammadiyah University of Jember Nurul Imamah, Zulfa Anggraini R.	215
25	Factors Considered in Developing Materials for Teaching English to Young Learners Kristi Nuraini	227
26	The Picture Exchange Communication System: An Approach to Optimize Communication Ability of the Autistic Children <i>Khoiriyah</i>	237
27	The Validity of Sciense Learning Media to Junior High School Students Masra Latjompoh, Muslimin Ibrahim, Tjandrakirana	248
28	Learning Tool Development to Train Thinking Skill of Biology Students Using the Prima Learning Model Frida Maryati Yusuf, Soeparman Kardi, Yuni Sri Rahayu	262
29	School Improvement Based on Collaborative Research Samsuri	272
30	Language Development at Early Childhood Ninuk Indrayani	279
31	Islamic Spirituality and Socio-Cultural Education: Pesantren of Nahdlatul Wathan Wirman Hardi Gunawan, Rozali Jauhari Alfanani	290
32	Motivating and Learning Strategies of Success Foreign Language Learners: The Phenomenon of Extrovert and Introvert Indonesian Learners	
	Nurika Mustika	300
33	Parents' Parenting Contribution in Character Education Nur Lailiyah	307
34	Character Education as The Place for Shaping the Morality of Children of the Nation Wiwit Wahyutiningsih	314
35	Children Self-Regulation: A Model in Flash Flood Disaster Risk at Situbondo East Java Indonesia Tri Endang Jatmikowati, W. Dyah Laksmi Wardhani	324
36	The Effect of Mathematic Games Towards Children Cognitive Development at B Group in Paud Widyamandala and PAUD Al Hikmah Bondowoso	
	Anggraeny Unedia Rachman	338

37	Analysis of Mathematical Communication Skills Students in Mathematics Education at Study Course Junior High School Mathematics Hana Puspita Eka Firdaus	344
38	Group Process Approach in Mathematics Learning Christine Wulandari S	352
39	Effective Techniques to Solve the Teaching Problems in EFL Classes <i>Hanafi</i>	361
40	The Efect of RQA-Combined TPS on the Biology Department Students' Retention in Genetics Subject at University of Muhammadiyah Jember Ika Priantari	371
41	Category Changing Process of Javanese Idiomatic Expressions Used in Serat Dewaruci Ageng Soeharno	380
42	The Use of Questioning Strategy to Improve Students' Reading Comprehension at SMA Muhammadiyah 2 Wuluhan Ana Rizqi Amalia, Widya Oktarini	392
43	Indonesian Language Learning Strategy for Foreign Speakers Containing Local Cultural Wisdom U'um Qomariyah	399
44	Reading in Content Area Across the Curriculum Hasan Suaedi	407
45	Quality Assurance Strategies: Typology and Outcomes-Based Teaching Innovation Experiences in Southern Philippines Dammang S. Bantala	420
46	Shared Book Experience Implementation: Practice Teaching Model to Improve Students' Speaking Ability Fitrotul Mufaridah	431
47	The Introduction To Math For Children In Early Ages Misyana	441
48	ELT Curriculum Development: From Ideology To Design Muhlisin Rasuki	447
49	Linguistic Taboo in Thai EFL Classroom Isma il Waenawae, Tanzil Huda	460
50	Linguistic Taxonomy Category of Syntactic Errors: A Case Study of Thailand Students in Muhammadiyah Jember University Astri Widyaruli Anggraeni	465

51	Improving Students' Speaking Ability Using Prime Method Mukhlas Febriandi, Anita Fatimatul Laeli	474
52	The Perception of the Parents and Students on the Implementation of $K-12$ Basic Education Program in The Philippines Nhelbourne K. Mohammad	481
53	Improving Eleventh Grade Students' Speaking Ability by Using Parliamentary Debate in Pattani Thailand Anam Fadlillah, Mochtar Muhtadi Iksan	504
54	The Effect of Problem Based Learning Strategy Combined by Jigsaw Towards Critical Thinking Ability Rayh Sitta Nurmala	514
55	English Oral Communication Material for Midwifery Students Joni Susanto, M. Adnan Latief	524
56	Hypothetical Model of Learning Cycle as Pedagogical Transformation in Biology Learning to Improve Professionalism of Biology Teacher Candidates Kukuh Munandar, Muslimin Ibrahim, dan Leny Yuanita	534