

The 4th International Conference on Learning and Quality Education

ICLIQE 2020

"Literacy, Globalization, and Technology of Education Quality for Preparing the Society 5.0"

Surakarta, September 5th 2020 Central Java, Indonesia

Organized by:

Faculty of Teacher Training and Education Universitas Sebelas Maret

ISBN: 978-1-4503-7572-6



The Association for Computing Machinery 1601 Broadway, 10th Floor New York New York 10019-7434

ACM COPYRIGHT NOTICE. Copyright © 2020 by the Association for Computing Machinery, Inc. Permission to make digital or hard copies of part or all of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage and that copies bear this notice and the full citation on the first page. Copyrights for components of this work owned by others than ACM must be honored. Abstracting with credit is permitted. To copy otherwise, to republish, to post on servers, or to redistribute to lists, requires prior specific permission and/or a fee. Request permissions from Publications Dept., ACM, Inc., fax +1 (212) 869-0481, or permissions@acm.org.

For other copying of articles that carry a code at the bottom of the first or last page, copying is permitted provided that the per-copy fee indicated in the code is paid through the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA01923, +1-978-750-8400, +1-978-750-4470 (fax).

ACM ISBN: 978-1-4503-7572-6

TABLE OF CONTENT

Social Media Based E-Learning in Elementary School (Case Study at the Ampel 2 Boyolali Elementary School)
A Needs Analysis of Problem-Based Physic Modules of Senior High School Article 2 <i>Afifah Shafa Shelviana, Widha Sunarno, Suharno</i>
The Independent Learning Curriculum Concept of Imam Zarkasyi's Perspective in Pesantren For Facing The Era of Society 5.0
Teacher Readiness towards the Latest Lesson Plan Policy in 2020
Bibliocounseling: The Therapeutic Techniques of Guidance and Counseling Services for Higher Education
Item Analysis of An Instrument to Measure Chemistry Students' Critical Thinking Skills Based on Science, Technology, Engineering And Mathematics (STEM) on Solubility And Solubility Product (KSP) Material Using The Rasch Model
Philosophical Foundation of Curriculum Development of Primary Teacher Education Study Program at STKIP Weetebula Southwest Sumba East Nusa Tenggara Article 7 Agustinus Tanggu Daga,
Public Relations Management At Nahdlatul Ulama Al Ghazali University Cilacap Indonesia
The Development of Lesson Plan Based on Backward Design to Improve Students? Critical Thinking at Elementary School
A need analysis of digital connecting book in education in the pandemic era Article 10 Alfania Fortuna, Roy Ardiansyah, Amri Rida, Awanda Sari, Ladiva Maharani
Science Learning Tools Project Based Learning (PjBL) Model With STEM Approach to Improve Mastery of Junior High School Student?s Concepts on Environmental Pollution Materials
Analysis of The Need For The Development of Geometry Interactive Learning Multimedia Based on Inquiry Approach in Elementary Schools
ICT Literacy among High School Students Based on E-Learning Effectivity in Surakarta
Amy Mukaromatun Luthfiana Sarwanto Ahmad Marzuki

Analysis of Cohesion And Coherence Paragraph And Its Effect on Student Writing Ability
Andri Pitoyo
The Effect of Student Worksheets Oriented to The Myth of ?Telaga Ranjeng? to Foster An Attitude of Caring For The Environment
Development of Language Capability Assessment Instrument in Writing Descriptive Text Based on Local Wisdom
Competency Profile School Counselor in Managing Guidance and Counseling Services in Madrasah in Garut Regency, Indonesia
The Correlation of Goal Orientation and Impostor Phenomenon Towards Academic Anxiety on Sebelas Maret University Students
Lockdown and Gadget Addicted Phenomenon: Changes in Social Behavior of School Age Children During the Covid-19 Pandemic in Mataram City
Development of I-Arthropoda as A Media to Identify Species of Arthropoda Article 20 Arindra Trisna Widiansyah, Purwo Adi Nugroho
Development of Attitude Assessment Instrument for Pre-service Primary School Teachers Based on Science Literacy
The Cursive Writing Learning Methods in Curriculum 2013 in The Primary School of Sragen
Preparation For Prospective Teachers of Elementary Schools in Providing Services to Authorized Children:
Management of Elementary School Supervisors Strategy in Yogyakarta City, Indonesia.
Gross Motor Ability in Early Childhood Through Motion And Song Activities . Article 25 <i>Aulia Ul Badriyah, Febby Ristydewi, Nila Fitria</i>
The Relationship Between Exclusive Breastfeeding and Birth Weight with Fine Motor Development to Infant
Use Brain Based Learning During The Covid-19 Pandemic: Descriptive Qualitative
Article 27

Chrisnaji Banindra Yudha, Nurfatanah Nurfatanah, Asep Supena, Yufiarti Yufiarti, Vina Iasha
Is the Android Digital Web Module based on Flipped Classroom Needed by Teachers and High School Students in Pati Distric during the Covid-19 Pandemic? Article 28 Chyta Anindhyta, Widha Sunarno, Sri Budiawanti
The Parents Involvement in Implementation of Early Childhood Inclusive Education
Item Analysis of Learning Progression Test of Carbon Transformation Process. Article 30 Dewi Ayu Tyas Sekar Wening, Murni Ramli, Joko Ariyanto
Internalization of Local Wisdom in Scientific Writing with Scientific Approach Article 31 Dewi Suprihatin, Retno Winarni, Kundharu Saddhono, Nugraheni Eko Wardani
The Effect of Problem Solving Ability Based Blended Learning Towards The Pupils Math Learning Outcomes
The Challenges And Readiness of Elementary School Teachers in Facing Society 5.0 Through Online Learning During The Covid-19 Pandemic
Maximizing Social Media Application for Students in Learning English Article 34 <i>Djuria Suprato</i>
Internet Based learning to Improve Student Nusantara Dance Literacy Article 35 Dwi Anggraini
An Analysis of Innovative Online Learning Facing The 21st Century in The Covid-19 Pandemic in Elementary Schools in Surakarta
Effectiveness of the Sociodrama Techniques in Group Guidance on the Prosocial Students: Prevent Moral Degradation in Society 5.0
The Role of Single-Mothers in Raising Children in Families at Lasiana Village The city of Kupang
Implications of Student Management in SMART Ekselensia Indonesia Article 39 Ervan Jaya
Exploring the Collaborative Strategies of Learning Mathematic Concept for the Early Aged-Children
Analysis of Self-Confident Character on Slow Learner Students in Learning At The Inclusive Elementary School in Surakarta

The Creative Process of Teaching Poetry Class V Elementary School Article 42 Fitria Hayu Susanti, Retno Winarni, Tri Murwaningsih
The Proportion of Peer Corrective Feedback (PCF) on Writing Aspects: Are they really effective?
Flora Flora, Khairun Nisa, Siti Farhana, Retanisa Mentari
Measuring Undergraduate Elementary School Teacher Candidates' Research Skills Article 44
Florentina Widihastrini, Trimurtini, Sri Susilaningsih, Kurniana Bektiningsih
Value Clarification Technique (VCT) models answered the challenge of demoralization in the face of globalization era 5.0
Implementation of Grebeg Pancasila values Against the Character of Children in Primary Schools
Instructional Design of Multivariable Calculus Course using Toulmin Argument Model to Increase the Understanding of Students
Design of Student Worksheet to Accommodate Learning Style And Initial Knowledge And Reduce The Differences of Scientific Reasoning And Argumentation Performance
Web Enhanced Course-Based Virtual Reality as an Interactive Molta Model Implementation for Entrepreneurship Learning
Theme Choice and Thematic Progression of Discussion Section in Engineering English Lectures
Development of crude motor-based outbound mountain climbing materials for 5-6 years old
Literacy Environment: What Must Teachers Do?
The Learning Method of Society 5.0 During New Normal in Indonesia Article 53 <i>Hilmawan Wibawanto, Roemintoyo</i>
The Role of Biotechnology to Produce New Fermentation Products Based on Flipped Learning
The Enhancement of Pedagogical Competence and Teachers' Professionalism of Elementary School Teachers to Accelerate The Digilization Era in The Education Field

Through Science, Technology, Engineering, Art, and Mathematics (STEAM) Approach
Parents' Perceptions of Early Childhood Education Learning in the COVID-19 Pandemic Period
Spiritual Well-Being Among Student in Muhammadiyah Islamic Boarding School in Tasikmalaya
Visualization Instructions Through Game Therapy in Regressive Autistic Article 58 Imaniar Purbasari, Jayanti Putri Purwaningrum, Rusdianto Hutomo
The Role of Character Education in Internalizing Nationalism Value Article 59 <i>Inoe Saputro, Retno Winarni, Mintasih Indriayu</i>
Implementation Online Lectures in Covid-19 Pandemic : A Student Perception. Article 60 Irmawaty Natsir, Anis Munfarikhatin, Dian Mayasari, Abdul Rachman Taufik
The Effect of Playing Approach Learning Models on Football Dribbling Skills . Article 61 <i>Islahuzzaman Nuryadin Nuryadin, Rumi Iqbal Doewes</i>
Assessment for Learning (AfL) in Indonesian Learning in Primary Schools: A Case Study
Contribution and Innovation of Paku Buwana X in Education
The Development of Instrument For Evaluating The Process of Strengthening Religion Ideology
Mastery Motivation in Early Childhood
Character education of children in the Banyuwangi Angklung Caruk festival, East Java, Indonesia
Enhancement of Artifact Based Activities Learning in Natural Science Through Scientific Reading Based Project (SRBP) Model for Preservice Teacher Using Design Based Research (DBR)
Quality Management at SDN Percobaan 3 Pakem Sleman, Yogyakarta Article 68 Khiara Santitami Mujtahid, Arif Rohman

Vocational High School in Surakarta
The Perceptions of Teacher And Student in Senior High School to The Needs of STEM-based E-learning in Physics Learning Process
Enhancing Humanism Values Through Higher Education: A Case Study on Implementation of INQF Oriented Curriculum
Financial Literacy in Student Financial Management Behavior in the Digital Age Article 72 Lutfiah Endah Damayanti, Susilaningsih, Mintasih Indriayu
Pictures Series as Learning Media of Folklore At Elementary School
Local Wisdom Values in Rambu Solo' Ceremony as A Source of Student Character Development
Junior High School Students? Need and Problem Assessment Instrument: Development of Android-Based Assessment Instrument
Calculus Learning with Problem-solving Learning Based on Blended Learning Approach
Markus Palobo, Dian Mayasari, Anis Munfarikhatin, Sadrack Luden Pagiling, Maria Fransina V. Ruslau
The Effect of Static Training Method on Increasing the Power of Sports Science Students in Universitas Sebelas Maret
Development of Digital Science Comics for Elementary School as a Support for Digital Literacy in Online Learning
Mentoring Prospective School Principals in Indonesia: Which Mentoring Skills Need Improvement?
Analysis of Student Thinking Processes in Mathematical Problem Solving Reviewed From Emotional Intelligence of Elementary School Students
The Development of Anwar's Hole Braille System (AHOBS) for Students with Visual Impairment
Number Sense Ability: The Application of Game with Rules and Emotional Intelligence

Student's Perceptions and Interest Towards Learning ThroughLearn from Home on TVRI" Programs
Historical Learning of National Movement Material in Secondary Schools to Foster The Values of Tolerance And Patriotism
Digital Learning For Early Years in Urban Family
Role of Parents in Improving Children's Fine Motor Skills at Home During the COVID-19 Pandemic
Development of Class Teacher's Pedagogic Competency in The Implementation of Learning Guidelines in Extraordinary Elementary School (Ees)
Visually Impaireds Critical Thinking Skills (A Comparative Study between Inclusive School and Special School)
Playing Through Painting Activities to Stimulate Early-Childhood Creativity Article 89 Novita Eka Nurjanah, Widya Dwi Hardiyanti
Freedom to Learn on Science Learning in Elementary School
The Effectiveness of Multicultural Education Teaching Materials on The Nationalism of Elementary School Teacher Education Students
School and Community Synergy in Building the Character of Children Article 92 Nursaptini Nursaptini, Arif Widodo, Muhammad Sobri
Language Learner Autonomy: Students' and Teachers' Reflection
Investigating EFL University Students' Self-Efficacy and Outcome Expectation in Technology Integration
The Feasibility of Media, Material, and Language Aspects in the Development of Thematic Teaching Materials Based on Local Wisdom
The Effectiveness of Mathematics-English (Mating) Learning Model to Increase the Mathematics Problem Solving Competence and Mathematics-English

Use of Circle Time in Supporting Learning 4.0
The Influence of Social Support towards High School Teachers? Resilience in Jakarta,
Indonesia
Assessment of Digital Literacy Competence for Non-Formal Education Study Program Students
Student Module Development Based on Science, Technology, Engineering, Mathematics (STEM) as An Effort to Increase Mathematic Reasoning Students in Algebra. Article 100 Reza Dimas Pravangasta Perdana, Arindra Trisna Widiansyah
The Suitability of Planning and Implementing ICT-based Learning by Biology Teachers in Senior High School
Analysis of Social Skills of Children With Learning Disabilities At Inclusive Elementary School in Surakarta
The Effect of Augmented Reality (AR) Flashcard on Early Literacy of Early Childhood
Blended Learning Between Team Games Tournament (TGT) And Web- Based Module as an Efforts to Improve the Achievement of Student Competency in Automotive Departement
Learning Cycle 5E: an Attempt to Improve Creative Thinking Skills? Pre-service Primary School Teachers
How Does Grit Affect For Medical Internship Students?Article 106 Rusdi, Nur Ainy Fardana, Wiwin Hendriani
Analysis of Pre-service Primary Teachers' Difficulties in Solving Word Problem Article 107 Sadrack Luden Pagiling, Yonarlianto Tembang, Markus Palobo, Anis Munfarikhatin
The Role of Full-Day School in Student Character Building in Primary SchoolArticle 108 Septri Wahyuningrum, Retno Winarni, Tri Murwaningsih
Correlation of Regular Students Perception Towards The Special Needs Children With Social Acceptance in Inclusive Elementary School
The Role of Adaptation Patterns to Improve Information Literacy Skills of Students from Affirmation Program

Implementation of contextual physics learning models based on the local potential to improve creative thinking skills and living values
Identification of the Application of Science Literacy in Early Childhood Education Learning in Surakarta, Indonesia
Understanding Participation and Obstacles of Elementary School Writing SkillsTeachers in Improving Scientific
Development of Academic Supervision Models in Early Childhood Education Institutions Article 114
Subar Junanto, Tri Utami
Digital Literacy for Early Childhood Education Teachers in Society 5.0 Article 115 Sudarti Darti, Ishak Abdulhak, Rusman, Cepi Riyana,
Non-Natural Disaster Mitigation Covid-19 Pandemic and its Urgency in the Education Curriculum
The Effect of Educative Comics on Traditional Ecological Knowledge Literacy about Corn Food Security in the Elementary School
The Development of an Inclusion Metric for Indonesia Higher Education Institutions
Sunardi, Sugini, Tias Martika, Donni Prakosha
Character And Design of Education Learning Competence Business Presentation of Vocational School Students
Problem Learning Repatriation Students in The Lampung Province
The Impact of Covid-19 Pandemic on The Innovations of Elementary School Prospective Principals in Karanganyar District
The Effects of Learning Media Based on Illustrated Story Books on Understanding Mathematical Concepts of Primary Schools
STEAM in Art Education Course: Students Perception
The Effect of Adiwiyata-Based Textbooks on Fifth Grade Elementary School Students in Implementing Environmental Care Behaviors

Uman Budi Arja, Sarwanto, Peduk Rintayati
The New Family's Level of Understanding in ADHD in Children at Early Age in Surakarta
Vania Yunita, Sunardi, Agus Kristiyanto
The Traditional Games Effect on Improving Students Working Memory Capacity Elementary School Students Using Traditional Game
Biology Conceptual Knowledge: Do The Teachers Qualifications Make a Difference? Article 127
Vina Septiani, Paidi
The Impovement of Students 'Self-Confidence Though Problem Based Learning Implementation
Development of Indonesian Language Learning Videos for Elementary Schools Storytelling Activities for Distance Learning
Implementation of Merdeka Belajar in Online Learning Methods at The School for Children of Indonesia
Spada-Based Learning in The Covid-19 Priode Primary Teacher Traning Education Faculty of Teacher Training and Education Sebelas Maret University
Engaging Self-Awareness to Heutagogy Approach of Distance Learning in Primary Education
The Readiness of Principal and Educators in Implementing Inclusive Education Policies
Digital Literacy Through Citizenship Education Learning An Effort to Address The Spread of False News (HOAX)
A Systematic Literature Review: First Language Acquisition for Children in Linguistics Perspective
Analysis of Teachers 'Ability of High-Class Management Implementation in Primary School
STEM-Project Based Learning Integration on Bioacoustics Worksheet to Enhance Critical

Budiyanto
Building Students' Environmental Care Attitudes in Digital Era Through The Implementation School Culture in Elementary Schools
Development of Interactive Based Powerpoint Learning Media in The Class IV Students of Merauke Basic School
Development Concept of Controversial History Material in Senior High School in Indonesia
The Development of Massive Open Online Course (MOOC) Based on Addie Model For Basic Natural Sciences Course in College
Learning Science Through Mashed Herbs
The Role of Executive Function in Facing Attention Interference in Elementary School Students Descriptive Qualitative
Existence of Covid-19 Pandemic Learning Institution in Bandar Lampung City Article 144 Yusuf Perdana, Suroto, Sumargono
Management of Nonformal Education Program in The Community Learning Center (CLC) of Bantul Regency
Description of Parents Knowledge About Smooth Fine Motor Ability in Pos Paud Mawar Merah, Kedaung, Sawangan, Depok
Teacher Competency Profile in Developing Mathematical Literation of Students in Basic Schools Assessed from Class Level
Effect of Lesson Study Method on The Competence of Writing and Publication of Scientific Articles for Laweyan Elementary School Teacher in Surakarta Article 148 Sukarno, Anesa Surya, Sularmi
The Effectiveness of Convertible Book Media based on Scientific Approach Viewed from Students' Critical Thinking Skill

Yeni Widiyawati, Indri Nurwahidah, Dwi Septiana Sari, Mohammad Masykuri, Cucuk

COVID-19 Outbreak	50ء
Mahbub Alwathoni, Sulistyo Saputro, Ashadi, Mohammad Masykuri	
Implementation of Online Learning at MI Muhammadiyah Special Program Wirogur	ıan
Kartasura During The Covid-19 Pandemic	.51
Management of Educators in Selopamioro State Police School of Yogyakarta Regio	nal
PoliceArticle 1 Oktavia Ratnasari, Lantip Diat Prasojo	.52
Analysis of Student Response Using Rasch Modeling to The Android-Based Education	nal
Game Learning Media ?SiGN? (Synchronization Game for Metabolism Education	
Article 1	
Suci Nur Cahyani, Bowo Sugiharto, Slamet Santosa	

WELCOME MESSAGE FROM CONFERENCE CHAIR

We welcome all respected presenters to the 4th International Conference on Learning Innovation and Quality Education (ICLIQE 2020) in Surakarta, Indonesia. A major goal and feature of it is to bring academic scientists, education researchers, teachers, students together to exchange and share their experiences and research results about most aspects of science and social research, and discuss the practical challenges encountered and the solutions adopted.

ICLIQE 2020 this time is carried out online because during the COVID 19 pandemic that is currently sweeping the world, it requires all of us to keep up with the applicable health protocols. However we still believe that you can still get stimulation and quality information related to educational innovations from keynote speakers and invited guests from several countries.

The program consists of invited sessions and discussions with eminent speakers covering a wide range of topics in science and social research. This rich program provides all attendees with the opportunities to meet and interact with one another. We hope that your experience with ICLIQE 2020 has been useful and long lasting. With your support and participation, this conference will continue its success for a long time.

Finally, we have raised the bar by focusing on better quality articles for acceptance to be published in reputable journals. We do hope that participants would understand that publication is a long and tedious process that involves many rounds of reviews and corrections. For these reasons, we hope that participants could assist by putting in more effort to ensure that articles submitted are original, error-free and fulfill the quality standard imposed. So, help us to help you and the others as well, as a delay in submission by some individuals will affect the others as well.

We would like to thank the leaders of Universitas Sebelas Maret, all committees and reviewers. They have worked very hard on reviewing papers and providing valuable suggestions for authors to improve their work. We would also like to thank the external reviewers, who provided extra assistance in the review process, and the authors who contributed their research to the conference.

We hope that all ICLIQE 2020 participants will have a fun scientific gathering in Surakarta. We look forward to seeing you all next year at this conference.

Happy Conferencing

Conference Chair Warananingtyas Palupi S. Sn., M.A Universitas Sebelas Maret, Indonesia

ORGANIZING COMMITTEE

Conference Chair

Warananingtyas Palupi, S.Sn., M.A, Universitas Sebelas Maret, Indonesia

Advisory Board

Dr. Lynde Lee Wee Tan, Western Sydney University, School of Education, Sydney

Dr. Glykeria Fragkiadaki, Monash University, Australia

Prof. Dato' Dr. Norazah Mohd. Nordin, Universiti Kebangsaan Malaysia, Malaysia

Prof Gunarhadi, Universitas Sebelas Maret, Indonesia

Dr. Mardiyana, M.Si., Universitas Sebelas Maret, Indonesia

Prof. Dr. Slamet Subiyantoro, M.Si., Universitas Sebelas Maret, Indonesia

Dr. Dewi Kusuma Wardani, M.Si., Universitas Sebelas Maret, Indonesia

Dr. Djono, M.Pd., Universitas Sebelas Maret, Indonesia

Publication Chairs

Moh. Salimi, M.Pd., Universitas Sebelas Maret, Indonesia Dewanta Arya Nugraha, S.Pd., M.Pd., M.Si., Universitas Sebelas Maret, Indonesia

Technical Committee

Dr. Idam Ragil W.A., S. Pd., M. Si., Universitas Sebelas Maret, Indonesia

Dr. Sri Marmoah, M.Pd., Universitas Sebelas Maret, Indonesia

Dr. Upik Elok Endang R., M. Pd., Universitas Sebelas Maret, Indonesia

Dr. Siti Wahyuningsih, M. Pd., Universitas Sebelas Maret, Indonesia

Dr. Nur Arifah Drajati, M.Pd, Universitas Sebelas Maret, Indonesia

Mila Purani Sistiyan, S.E., M.Ak., Universitas Sebelas Maret, Indonesia

Ruli Hafidah S. Pd., M. Hum, Universitas Sebelas Maret, Indonesia

Nurul Shofiatin Zuhro, S. Pd., M. Pd., Universitas Sebelas Maret, Indonesia

Adriani Rahma Pudyaningtyas, S.Psi., M.A., Universitas Sebelas Maret, Indonesia

Novita Eka Nurjanah, S. Pd., M. Pd., Universitas Sebelas Maret, Indonesia

Muhammad Munif Syamsuddin, S.Pd.I., M.A., Universitas Sebelas Maret, Indonesia

Nurul Kusuma Dewi, S.Pd., M.Pd., Universitas Sebelas Maret, Indonesia

Anjar Fitrianingtyas, S. Pd., M. Pd., Universitas Sebelas Maret, Indonesia

Vera Sholeha, S.Pd., M.Pd., Universitas Sebelas Maret, Indonesia

Jumiatmoko S. Pd., M. Pd., Universitas Sebelas Maret, Indonesia

Anayanti Rahmawati, S. Psi., Psi., M.A, Universitas Sebelas Maret, Indonesia

Murni Ramli, S.P., M.Si., Ed.D., Universitas Sebelas Maret, Indonesia

Ratna Hidayah, S. Pd., M. Pd., Universitas Sebelas Maret, Indonesia

Anesa Surva, S.Pd., M. Pd., Universitas Sebelas Maret, Indonesia

Roy Ardiyansyah, S.Pd., M.Pd., Universitas Sebelas Maret, Indonesia

Language Learner Autonomy: Students' and Teachers' Reflection

Nurul Aryanti
English Department
Politeknik Negeri Sriwijaya Palembang
Indonesia
nurularyanti@polsri.ac.id

Aria Septi Anggaira
English Department
Institut Agama Islam Negeri Metro
Indonesia
ariasepti2909@gmail.com

ABSTRACT

Language learner autonomy has been defined in a number of different ways. It can be defined as the capacity to control one's own learning. In this era, language learner autonomy is used as one of the learning strategies for all fields of study, especially English learning. This study is aimed at finding out the reflection of students and lecturers on the language learner autonomy. The study employed a mixed-methods approach and recruited 208 participants - EFL students and lecturers. A set of questionnaire and interviews were used to obtain the data. The results show that most of participating students were not prepared to be autonomous learners. Beside that, the concept of language learner autonomy was not familiar to most of the participants, meaning that they had lack of autonomous learning experience. In addition, having limited language competence led the students to have low motivation to learn English. The study implies that a professional training should be conducted to support and promote students and lecturers in the teaching and learning activities.

CCS CONCEPTS

 General and reference~Document types~General conference proceedings

Keywords

Language learner autonomy, students, teachers, reflection

1. Introduction

The concept of autonomy first entered the field of language in 1971 through the Council of Europe's Modern languages Project. CRAPEL, the outcome of the project has given much contribution to the concepts of language learning autonomy by reporting research results in that field. However, various opinions towards the concept of Autonomy learning have been a critical issue over decades among scholars and researchers.

Permission to make digital or hard copies of all or part of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage and that copies bear this notice and the full citation on the first page. Copyrights for components of this work owned by others than ACM must be honored. Abstracting with credit is permitted. To copy otherwise, or republish, to post on servers or to redistribute to lists, requires prior specific permission and/or a fee.

Request permissions from Permissions@acm.org.

Request permissions from Permissions@acm.org. ICLIQE 2020, September 5, 2020, Surakarta, Indonesia © 2020 Association for Computing Machinery. ACM ISBN 978-1-4503-7572-6/20/09...\$15.00 https://doi.org/10.1145/3452144.3453837

Learner autonomy is a problematic term because it is widely confused with self-instruction [1]. It is also a slippery concept because it is notoriously difficult to define precisely. In addition, defining the concept of autonomy is not an easy task because every context will have different interpretation of concept [2]. In line with the language learning, the autonomous learner is the one who has 'the ability to take charge of his or her learning [2]. Learning should be changed from self-directed learning to be the practice of self-directed learning itself. It means that learners have responsibility to manage their own learning. Autonomy is the capacity to take control over one's own learning [3]. Both definitions still focus on the capability and responsibility to be an autonomous learner. Furthermore, an agreement of defining whether or not a learner is considered autonomous mostly still refer to the claims:

"There is a consensus that the practice of learner autonomy requires insight, a positive attitude, a capacity for reflection, and a readiness to be proactive in self-management and in interaction with others. This working definition captures the challenge of learner autonomy: a holistic view of the learner that requires us to engage with the cognitive, metacognitive, affective and social dimensions of language learning and to worry about how they interact with one another" [1], [4].

In addition, autonomous learners are assumed to take control over their learning management, cognitive process, and learning content [5]. While, successful autonomous learners are those who have diversity of skills, passion and enjoyment for a particular field, a focused and active approach to learning, and finally, pursuit of learning and success [5]. Therefore, characteristics and abilities of learner autonomy should be cultivated so that EFL learners are more likely to make significant decisions and take proactive actions in EFL learning process [5].

Autonomy learning still considered as a new concept in Indonesia. Hence, there are a few studies on autonomous language learning in Indonesian schools and universities contexts [6], [7], [8]. Indonesian students and English teachers are not familiar yet with the concept and principles of autonomous learning [7]Therefore, commitment is certainly the key to success in teaching, besides competence in the field study to be taught and coordination with other teachers of the same subjects. Commitment of teachers to their profession is a significant variable to make teaching learning efforts fruitful [7]. Beside that, curriculum 13 can support the concept of Learner autonomy in creating effective learning [9]. The effective learning can be realized with the great efforts of

both students and teachers, meaning that besides the hard work of students to be independent in his/her studies, teacher is considered to be the second vital factor. Therefore, helping students become more conscious of their learning is a concern of many language educators recently [10].

In relations to the role of Indonesian learner and teacher in Indonesia, there are some barriers in applying autonomy learning, that is in terms of education practices and socio-cultural [11]. Culture is still a crucial issue in autonomy learning, meaning that culture refers to national/ethnic cultures such as 'Chinese culture' or 'Western culture' [12]. The idea of learner autonomy has been promoted largely by western teachers and academics, and when attempts to implement it further afield have encountered difficulties, these are often seen as due to cultural differences between 'the West' and other cultures. However autonomy learning cannot describe how autonomy can be fostered and what can be promoted in Indonesia due to the large and diversity in geography and cultures [11]. Hence, a few studies have been conducted on autonomous language learning can be the main factors of the lean information about the development of autonomy learning in Indonesia.

Furthermore, In an attempt to study the relation between culture and autonomy, researchers have looked for the correlation between the students' national/ethnic background and individual variables, such as learning styles, strategies, beliefs, and so on [12]. Most studies support the hypothesis that students with different cultural backgrounds tend towards different learning styles and strategies. Therefore, the traditional educational culture in Indonesia has been obedient to teachers, i.e. students were expected to obey and not to challenge their teachers. Moreover, Indonesian teachers are still occupying teacher-centered approach, thus students become dependent towards their teachers [13].

However, In addition to the practice of autonomy learning in Indonesia, there seems to be a common view among students of Indonesia that learning autonomy merely means that students learn by themselves, in the absence of a teacher [14]. Many students who enter higher educational institutions still bring this trait with them, therefore they lack autonomy in their learning. They are not aware that being independent in language learning in higher education is critical. Independent learning is believed to play a key role in students' success in both academic and career lives [15]. Therefore, students have to be aware that being dependent towards their lecturers is no longer helpful. However, teachers' role can be improved in autonomy learning by having reflection. Through reflection that teachers can refine their practices which will have a direct impact on their students' achievements [15]. For that reasons, in this study we attempt to present the reflections of both students and teachers by digging their perceptions in terms of autonomy language learning.

2. Method

In this study, a descriptive analytical approach was adopted with a qualitative analysis for data interpretation [16]. This study is

aimed at finding out the reflection of students and lecturers on the language learner autonomy. The subjects of the study were Indonesian English students and lecturers of State Polytechnic of Sriwijaya and IAIN Metro. To address the research question, data were collected through questionnaire and interview. The research question was formulated as follows: What are the students' and lecturers' reflections regarding learner autonomy principles?

A set of questionnaire was developed and modified [7] and it was promoted to Google form for 208 participants. The interviews were given to both students and lecturers to know their perceptions toward language learner autonomy. Data from the questionnaire were analyzed using descriptive statistics to take a look at percentages of the participants' perception on the significance of language learner autonomy, the interview data were analyzed by interpreting the transcription of the interviews.

3. FINDINGS AND DISCUSSION

3.1. Learners' Perceptions on Language Learner Autonomy

In this study, perceptions of English learners were obtained by administering a set of questionnaire covering eight items. All the items lead to learner conditions as the central of autonomous learning, students' understanding of autonomy and the role of learners in determining learning strategies that they can use in the process of autonomous learning. In short, students reflected on what they have achieved in the autonomous learning.

Interesting findings were revealed in this study as regards the learners' perceptions on Language Learner Autonomy. Learners are asked to provide answers by choosing a rating range based on a scale, i.e. from strongly disagree, agree, can't decide, agree, and strongly agree. The following was a table that contains a summary of the results of the questionnaire obtained from students' perceptions on language learner autonomy.

It was found that, the first statement about language learner autonomy means learning language without a lecturer, from the total of learners, half of them stated that they could not decide. There were 16 students stated that they strongly disagreed, 28.7% of learners who disagreed, as many as 21.1% of students agreed with the statement given, and there were 9% of students who strongly agreed that language learner autonomy means learning language without a lecturer. It can be concluded that students still confused with the definition of learning autonomy.

The results of the percentage in the second statement showed that students could not conclude that they could make choices about what they wanted to learn. It can be shown from the number of students who cannot decide, disagreed, and also strongly disagreed with the statement given. Thus, it was clear that students have not been able to make choices for their own learning.

Table. 1 Learners' Perceptions on Language Learner Autonomy

No	Statement	Strongly disagree	Disagree	Can't decide	Agree	Strongly agree
1	Language learner autonomy means learning language without a lecturer.	29.2%	28.7%	11.7%	21.1%	9.4%
2	Autonomy means that learner can make choices about how they learn	1.2%	1.8%	47.4%%	19.9	29.8%
3	Learning language is better to do outside the classroom.	2.9%	24%	34.5%	8.2%	30.4%
4	Language learner Autonomy is promoted when learners can choose their own English learning materials.	1.2%	25.1%	41%	44.4%	5.3%
5	Language learner Autonomy is promoted when learners have some choices in the kinds of activities to learn English.	29.2%	2.9%	22.2%	45%	0.6%
6	To become autonomous, learners need to develop the ability to evaluate their own learning.	35.7%	2.3%	14.6%	1.2%	46.2%
7	Language learner autonomy is promoted when learner can decide how long they will spend the time for their own learning.	27.5%	4.7%	26.3%	39.8%	1.8%
8	Language Autonomy has a positive effect on success as language learner.	33.9%	1.2%	28.1%	1.8%	35.1%

There were 67.3% of students who stated that they strongly disagreed, disagreed, and can't decide that language learner autonomy could be carried out if the students themselves determined the material to be studied. Thus, it can be interpreted

that in language learner autonomy, students had difficulty in determining the material they have to learn.

According to the students' point of view, language learner autonomy can be promoted if the learners given many choices to carry out learning activities that was fit on their learning needs. There were more than half of the students who strongly disagreed, disagreed, and can't decide with the statement. This also happened when the students were asked to provide the answer to the following statement, to become autonomous, learners need to develop the ability to evaluate their own learning. The response obtained that more than half of them strongly disagreed, disagreed, and cannot decide to the statement.

When the learners were asked about learning time, most of the students are disagreed, strongly disagreed, and cannot decide that they could decide how long they would spend the time for their own learning. In the last statement, the language learner autonomy gives a positive impact on the success of language learner. Students seemed doubtful about the statement, more than 60% of students can't decide, disagreed and strongly disagreed for this statement.

In general, students still have difficulty in giving their perceptions related to language learner autonomy. As learners who learn independently, students are not able to determine their own way of learning, find out their learning needs, determine the right time for them to learn, determine the appropriate learning materials for themselves, and to evaluate their own learning outcomes. Many students constrained by language learner autonomy, they are still confused what to do in language learner autonomy.

In shorts, when they were asked to reflect on the learning that has been done after they learn independently, many students still need the teacher's help in learning. Students seemed to depend too much on their teachers [6]. They need guidance in each learning process, in determining the material, how to learn, and in evaluating their learning outcomes. They were not ready to become autonomous language learners.

3.2. Lecturers' Perceptions on Language Learner Autonomy

The questionnaire was also given to English lecturers. The purpose of this questionnaire was to determine the lecturers' perceptions on language learner autonomy. There are eight statements related to the autonomy learning process. Most of the statements were about the students' autonomous learning, the minimum role of lecturers in the learning process. The following table showed the percentage of responses given by lecturers to the statements about language learner autonomy.

In the first statement, the majority or 70.1% of the lecturers agreed and strongly agreed with the statement. They argued that in language leaner autonomy students were totally independent of the role of the lecturer. But some of them were strongly disagreed, they assumed that lecturers have a role in the students' independent learning process. The second statement was about autonomy can develop most effectively through learning outside classroom. More than a half of respondents agreed and strongly agreed to this statement. Only a few of them disagree with this statement.

No	Statement	Strongly disagree	Disagree	Can't decide	Agree	Strongly agree
1	Language Learner Autonomy requires the learner to be totally independent of teacher.	2.6%	7.9%	18.4%	57.9%	13.2%
2	Autonomy can develop most effectively through learning outside classroom.	0%	7.9%	28.9%	36.8%	26.3%
3	Language Autonomy has a positive effect on success as language learner.	0%	0%	21.1%	36.8%	42.1%
4	Language learner Autonomy is promoted when learners can choose their own learning materials	0%	2.6%	15.8%	65.8%	15.8%
5	To become autonomous, learners need to develop the ability to evaluate their own learning.	30%	09%	7.9%	42.1%	20%
6	Learner-centred classrooms provide ideal conditions for developing Language Learner Autonomy.	0%	0%	18.46%	42.1%	39.5%
7	Language Learner Autonomy implies a rejection of traditional teacher- led ways of teaching.	0%	15.87%	36.8%	39.5%	7.9%
8	The lecturer has an important role to play in supporting Language Learner Autonomy.	0%	0%	5.3%	42,1%	52.6%

Based on the results of the percentage in the third statement which is about language autonomy has a positive effect on success as a language learner, there are 0% or none of lecturers who disagreed with the statement, most of them agreed and strongly agreed that language autonomy has a positive effect on success as a language learner. It was the same like the previous statement, when the lecturers were asked with the statement "language learner autonomy is promoted when learners can choose their own learning materials", there were 81% lecturers agreed and strongly agreed with the statement.

The lecturers also believe that learners in language learner autonomy must have the ability to evaluate the results of their independent learning. This was consistent with the results of the questionnaire which showed that more than 90% of the lecturers agreed and strongly agreed with the statement. It was the same as the previous statement, when the lecturers asked to respond to the statement about "learner-centred classrooms provide ideal conditions for developing Language Learner Autonomy", none of them said that they disagree or strongly disagree. Most of them agreed that learner-centred classrooms provide ideal conditions for developing language learner autonomy.

But this is different when the lecturer was asked to respond to the following statement, Language Learner Autonomy implies a rejection of traditional teacher- led ways of teaching", some of them couldn't decide their response. Some said disagree, maybe because they still believe that traditional teaching was also still needed.

The last statement showed that the lecturers still have a big role and contribution in the learning process, for classical or students' autonomous learning. It can be seen from the total presentation, 94.7% of lecturers stated the importance of the role of lecturers in supporting the success of students' autonomous learning.

From the overall response given by the lecturer, it can be concluded that basically the role of the lecturer in the learning process was still needed, both the role in the form of direct guidance in the learning process or guidance in the form of motivation and encouragement to students to keep the spirit of participating in jointing the learning activities or independent learning. Most lecturers were not ready to make their students as autonomous language learners because of their limitations in introducing learning strategies and learning models that can be used by students in learning independently. To have great efforts, lecturers do not only have teaching competence but they should also have knowledge about learners' individual potency, like learning strategies [13].

3.3. The Results of Learners' and Lecturers Interviews

In this study, beside the questionnaire the researchers also used interviews as an instrument to collect the data about learners and lecturers reflection on language learner autonomy. The purpose of giving the interview was to know the understanding of students and lecturers about language learner autonomy which was in the last current time has been done even though unconsciously. In addition, interviews were also conducted to find out the reflection of students and lecturers on language learner autonomy. Some questions related to language learner autonomy were given the students and lecturers.

There are 3 questions addressed to students; 1) What is your interpretation of "learner autonomy"?, 2) Do you think learner autonomy plays a crucial role in language learning? Why? Why

Language Learner Autonomy: Students' and Teachers' Reflection

not?, 3) To what extent do you consider yourself an autonomous language learner?. While the lecturer was given 3 questions, 1) 1) What is your interpretation of "learner autonomy"? 2) Do you think learner autonomy plays a crucial role in language learning? Why? Why not?, 3) What can you do to help your students to become more autonomous?, The results of interviews obtained through recording then transcribed into narrative form. Interviews were conducted only with some students and lecturers.

The following were some of the results of the interviews transcription that have been conducted with several students and lecturers.

The first question: What is your interpretation of "learner autonomy"?

Rosma :hmmmm...(no answer)

Laras : Autonomy learner is ability to take control at one's

learning individually to collaborate with others.

Resi I do not know....

Hanni : Learner autonomy means that learner pick and take

control on term of what will they learn and how will

they learn for their own learning.

The second question: Do you think learner autonomy plays a crucial role in language learning? Why?

Why not?

Rosma : I am not sure about my answer....

Hanni : I think learner autonomy plays a crucial role in

language learning because it can allow learners to have the experience of being diligent.

The third question: To what extent do you consider yourself an autonomous language learner?.

Laras : Yes, because I have done my language learning

individually and I control my ability.

: I consider myself an autonomous language learner Hanni because I get approach, method, and strategy to learn the target language and I can develop the target language by my own language.

: I am not sure whether I am an autonomous language Rosma learner or not.

Fivty I am a dependent learner. I need a teacher to guide me all the time.

The results of the interviews showed that basically not all students understood what is meant by learner autonomy. Only some of them already knew about learner autonomy. Along with the definition of learner autonomy, some of them also did not understand that language learner autonomy influenced their language learning. However, when it came to the last question. their personal opinions emerged about whether they were included as autonomous learners. Some admitted that they were already autonomous learners, some were not sure that they have become autonomous learners, and others said that they were dependent learners, meaning that they were dependent on the teachers' guidance.

Questions addressed to lecturers also get various response, this was shown in the following interview results.

The 4th ICLIQE (2020), September 5, 2020, Surakarta, Indonesia

The first question: What is your interpretation of "learner autonomy"?

: For me, learner autonomy refers to the principle that Ning

learners should take a maximum amount of responsibility for what they learn and they learn it,

: Leaner autonomy means students take responsibility Yusri for their own learning and learn to learn, actively manage their learning, seeking out learning and opportunities using appropriate learning

strategies.

The second question: Do you think learner autonomy plays a crucial role in language learning? Why? Why not?

: From the point of me, learner autonomy has a crucial role in language learning, Language success starts with independent learning. The more independent the learner, the greater success of their language learning is. But, this is heavy work that must be completed by

the lecturer. Jim

: Of course, since motivation and independent learning is the beginning of autonomy learning, the success of language learning is also determined by these two things.

The third question: What can you do to help your students become more autonomous?

Jim : As lecturers we can do many things, motivating students to learn the language, introducing various strategies that can be done in learning, and the important one is to make learning a language as a

habit. But this also requires some extra works. : I will always build upon my students' prior

Ning knowledge, choose engaging contexts and topics, create flexible tasks, keep them active, allow them some choices, and get students to reflect on their learning.

The above results of the interviews showed that lecturers also have various opinions about the term of learner autonomy. They had different opinion about how to make their students more independent and became autonomous language learner. Some faced problems in making their students as an autonomous language learner. From the overall results of students and lecturers interviews, it can be concluded that language learner autonomy was not fully understood by both students and lecturers.

4. Conclusion

This study concluded some reflections of students and lecturers based on the results of questionnaire and interviews. Reflections of the students include, 1) the students had limited knowledge about learner autonomy, 2) the students need more knowledge about language learning autonomy, especially about learning strategies that can be used in language learner autonomy,3) the role of the teacher was still needed by students to become autonomous learners. Reflections from lecturers, 1) lecturers were not ready to design language learner autonomy for their students,

2) lecturers must learn more about various models, strategies, and learning techniques specifically to equip students to become autonomous language learners. The study implies that a professional training should be conducted to support and promote students and lecturers in the teaching and learning activities.

ACKNOWLEDGMENTS

The deepest appreciation and unlimited thankfulness addressed to our family, colleagues, and all staff of English Department of State polytechnic of Sriwijaya and IAIN Metro.

REFERENCES

- [1] D. Little, "Language Learner Autonomy: Theory , Practice and Research This text is a pre-press version of the introduction to Language Learner Autonomy: Theory, Practice and Research by David Little, Leni Dam and Lienhard Legenhausen Bristol: Multilingual Matter," no. September, 2017.
- What do our learners tell us? Readiness for Learner Autonomy: What do our learners tell us? Readiness for Learner Autonomy: what do our learners tell us?," Teach. High. Educ., vol. 6, no. December 2012, pp. 37–41, 2010, doi: 10.1080/1356251012007804.
- "Autonomy Benson, language learning." http://ec.hku.hk/autonomy/#k>.,, 2006, doi: 10.1016/0346-251x(97)90169-x.
- S. S. R. Najeeb, "Learner Autonomy in Language Learning," Procedia Soc. Beliav. Sci., vol. 70, pp. 1238-1242, 2013, doi: 10.1016/j.sbspro.2013.01.183.

- [5] H. Ren and C. Ma, "On Enhancing EFL Learner Autonomy in Chinese College
- English Classroom System," Adv. Soc. Sci. Educ. Humanit. Res., vol. 87, no. January 2017, pp. 652–655, 2017, doi: 10.2991/icemeet-16.2017.138.

 A. Cirocki, S. Anam, and P. Retnaningdyah, "Readiness for autonomy in English language learning: The case of indonesian high school students," Iran. J. Lang. Teach. Res., vol. 7, no. 2, pp. 1–18, 2019.
- N. S. Lengkanawati, "Learner autonomy in the indonesian eff settings," Indones. J. Appl. Linguist., vol. 6, no. 2, pp. 222-231, 2017, doi: 10.17509/ijal.v6i2.4847.
- Y. Yuliani and N. S. Lengkanawati, "Project-based learning in promoting learner autonomy in an EFL classroom," Indones. J. Appl. Linguist., vol. 7, no. 2, pp. 285-293, 2017, doi: 10.17509/ijal.v7i2.8131.
- [9] E. Darsih, "Fostering Language Learner Autonomy: Indonesian Eff Lecturers Voices," English Rev. J. English Educ., vol. 7, no. 1, p. 51, 2018, doi: 10.25134/erjee.v7i1.1495.
- [10] G. Genç, "Autonomous Learning Capacity of Eff Student Teachers," Int. J. Long. Educ., vol. 1, no. Volume 6, pp. 23–23, 2015, doi: 10.18298/ijlet.483.
- [11] Fidyati, "Learning Autonomy and Its Significance for Indonesian Efl Learners,"
- Gestempana English Educ, J., vol. 1, no. 1, pp. 1-16, 2016.

 [12] N. O. Ertürk, "Frturck," Procedia Soc. Behav. Sci., pp. 1-6, 2016.

 [13] K. Mattarima and A. R. Hamdam, "Understanding Students' Learning Strategies as an Input Context to Design English Classroom Activities," Int. J.
- Psychol. Stud., vol. 3, no. 2, pp. 238–248, 2011, doi: 10.5539/ijps.v3n2p238.
 [14] R. N. U. N. Y. Emy, "Promoting Autonomous Language Learning to Higher Education Students," pp. 1–15, 2011, doi: 10.16309/j.cnki.issn.1007-1776.2003.03.004.
- [15] V. Ros, O. Keo, and P. Sophal, "Factors Promoting Independent Learning among Foundation Year Students," Cambodian Rev. Lang. Learn. Teach., vol. 2, no. October, pp. 37-52, 2012.
- [16] M. B. Matthew and H. Michael.A, Qualitative Data Analysis Second Edition, vol. 1304. 1994.