



The 7th INTERNATIONAL CONFERENCE ON
EDUCATIONAL RESEARCH AND INNOVATION

CERTIFICATE

presented to

Bernardus Agus Rukiyanto

as

Presenter

in

The 7th International Conference on Educational Research and Innovation (ICERI) 2019
**“Improving the Quality of Research and Innovation in Education, Science, Technology,
and Arts in the era of Industrial Revolution 4.0”**

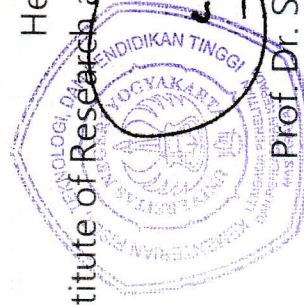
Yogyakarta, Indonesia, October 24 -25, 2019



Rector,

Prof. Dr. Sutrisna Wibawa, M.Pd.

ID 195909011986011002



Head of

Institute of Research and Community Services,

Prof. Dr. Suyanta, M.Si.

ID 196605081992031002

Series: [Advances in Social Science, Education and Humanities Research](#)

Proceedings of the International Conference on Educational Research and Innovation (ICERI 2019)

ORGANIZERS

Patron

Prof. Dr. Sutrisna Wibawa, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Steering Committee

Prof. Dr. Margana, M.Hum, M.A.

Universitas Negeri Yogyakarta, Indonesia

Prof. Dr. Edi Purwanto, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Prof. Dr. Sumaryanto, M.Kes.

Universitas Negeri Yogyakarta, Indonesia

Dr. rer. nat. Senam

Universitas Negeri Yogyakarta, Indonesia

Prof. Dr. Suyanta, M.Si.

Universitas Negeri Yogyakarta, Indonesia

Conference Chair

Prof. Dr. Sudji Munadi, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Scientific Committee

Prof. Wiel Veugelers (Netherlands)

University of Humanistic Studies, The Netherlands

Prof. Dr. Özgül Yılmaz Tüzün (Turkey)

Middle East Technical University, Turkey

Assoc. Prof. Dr. Minako Sakai (Australia)

The University of New South Wales, Australia

Prof. Jemal H. Abawajy (Australia)

Deakin University, Australia

Prof. Dr. Suminto A.

Universitas Negeri Yogyakarta, Indonesia

Prof. Dr. Siswantoyo

Universitas Negeri Yogyakarta, Indonesia

Prof. Dr. Sriatun

Universitas Negeri Yogyakarta, Indonesia

Prof. Dr. Siti Irene AD

Universitas Negeri Yogyakarta, Indonesia

Prof. Dr. Nahiyah Jaidi, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Adi Cilik Pierewan, Ph.D.

Universitas Negeri Yogyakarta, Indonesia

Dr. phill. Mashoedah, M.T.

Universitas Negeri Yogyakarta, Indonesia

Dr. phill. Rahmatul Irfan, M.T.

Universitas Negeri Yogyakarta, Indonesia

Proceeding Editor

Dr. Apri Nuryanto, M.T.

Universitas Negeri Yogyakarta, Indonesia

Soni Nopembri, Ph.D.

Universitas Negeri Yogyakarta, Indonesia

Dr. Widiyanto, M.Kes.

Universitas Negeri Yogyakarta, Indonesia

Dr. Mami Hajaroh, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Nur Azizah, Ph.D.

Universitas Negeri Yogyakarta, Indonesia

Dr. Retna Arianingrum

Universitas Negeri Yogyakarta, Indonesia

Organizing Committee

Nunik Sugesti, M.Hum.

Universitas Negeri Yogyakarta, Indonesia

Dr. Lismadiana, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Dr. Kokom Komariyah, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Dr. Puji Yanti Fauziah, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Dr. Samsuri, M.Ag.

Universitas Negeri Yogyakarta, Indonesia

Dr. Mujiyono, M.T.

Universitas Negeri Yogyakarta, Indonesia

Dr. Dyah Respati, M.Si.

Universitas Negeri Yogyakarta, Indonesia

Dr. Marwanti, M.Pd.

Universitas Negeri Yogyakarta, Indonesia

Dr. Sri Harti Widyastuti, M.Hum.

Universitas Negeri Yogyakarta, Indonesia

Retno Hidayah, Ph.D.

Universitas Negeri Yogyakarta, Indonesia

Martutik, S.IP

Universitas Negeri Yogyakarta, Indonesia

Atlantis Press

Atlantis Press – now part of Springer Nature – is a professional publisher of scientific, technical & medical (STM) proceedings, journals and books. We offer world-class services, fast turnaround times and personalised communication. The proceedings and journals on our platform are Open Access and generate millions of downloads every month.

For more information, please contact us at: contact@atlantis-press.com

- ▶ PROCEEDINGS
- ▶ JOURNALS
- ▶ BOOKS
- ▶ POLICIES
- ▶ MANAGE COOKIES/DO NOT SELL MY INFO
- ▶ ABOUT
- ▶ NEWS
- ▶ CONTACT
- ▶ SEARCH

[Home](#) [Privacy Policy](#) [Terms of use](#) [!\[\]\(c694a3ff3b077d76910920a6a1593ab4_img.jpg\)](#) [!\[\]\(42fc53a13f008e5bbf67aee5111990a5_img.jpg\)](#) [!\[\]\(ca145749a3d75a63aab95bf2007ac277_img.jpg\)](#)

Copyright © 2006-2024 Atlantis Press – now part of Springer Nature

Search

Series: [Advances in Social Science, Education and Humanities Research](#)

Proceedings of the International Conference on Educational Research and Innovation (ICERI 2019)

ARTICLES

Search

[+ Advanced search](#)

SEARCH

61 articles

Proceedings Article

[Analysis of Benefits and Obstacles from E-Budgeting Implementation in Educational Organizations](#)

Aan Yudha Nugraha, Udik Budi Wibowo

This paper reviews theoretically which aims to provide insight into how management information system (MIS) e-budgeting information systems are implemented, what are the benefits and obstacles in their implementation, and why is e-budgeting important for an educational organization? This is important...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

[Aceh and Nias in Several Reviews of Literature in Indonesian National Newspapers](#)

BW Nurhadi, Kusmarwanti, Dian Swandayani

This article aims to describe the review of Indonesian literary works with Aceh and Nias ethnic background in national newspapers. The object of this research article is a literature review article in five national newspapers: Kompas, Republika, Media Indonesia, Koran Sindo, and Koran Tempo for the past...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Dimensions of Early Childhood Character Education in Facing Industry Revolution 4.0

Harun, Sudaryanti, Amat Jaedun, Abdul Manaf

This study aims to determine the dimensions of the character of early childhood relationships with oneself, in an effort to face the challenges of industrial revolution 4.0. Research locations in the area of Central Java Province, specifically Ex Kedu Residency. The research subjects were 489 children...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Female Deities (Bidadari) in Indonesian Folklore: A Feminist Literary Critical Perspective

Wiyatmi, Else Liliani, Esti Swatikasari

This study tries to examine the existence of female deity figures (bidadari) found in a number of folklores in Indonesia using the perspective of feminist literary criticism. Folklore which is the source of data is (1) Dewi Sri, (2) Dewi Nawang Wulan, and (3) Dewi Candika. The results showed that the...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

The Effectiveness of Android-Based Interactive Physics Mobile Learning Media to Improve Students' Psychomotor and Self-Efficacy

Suparno, Sukardiyono, Tiara Kusuma Ardiyati, Beatrix Elvi Dasilva

This study aims to find out know the effectiveness of learning using android-based IPMLM to improve psychomotor and self-efficacy of high school students. The research design uses Pretest-Posttest Control Group Design. The research subjects were 185 students of Class X MIPA from SMA N 1 Pakem, SMAN 2...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Biology Teacher's TPACK Profile in Central Java: Description of TPACK Mastery Based on Teaching Experience

Paidi, Muhammad Khoirul Antony, Bambang Subali, Sendy Putra Pradana

TPACK is an integrated unit of three basic knowledge consisting of PK, CK, and TK. This study aims to find out how different TPACK biology teachers are based on teaching experience. This research was a descriptive study with survey method. The population in this study is a hypothetical population that...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Strengthening Children's Character Through School Sports Festival

Soni Nopembri, Nur Rohmah Muktiani, Saryono, A. Erlina Listyarini

All parties should do the character of elementary school students jointly. One of them, it can be done through fun sports activities. Excellent character needs to develop in the form of physical activity packages that are cultivated in a school sports festival. This activity is also a solution to develop...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Smart System for Diagnosing Motorcycle Damage Using Adaptive Neuro-Fuzzy Inference System for Future Transportation

Fatchul Arifin, Nur Hasanah, Dessy Irmawati, Zainal Arifin

Motorcycle is one of popular vehicles in Indonesia and predicted the use will continually increase. Indonesian Motorcycle Industries Association states that in 2016, the total sales of motorcycle nationally was 5.931.285 units. The more sophisticated the motorcycle machine, the more precise maintenance...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Digital Library Practice in University: Advantages, Challenges, and Its Position

Irsa Arma Perdana, Lantip Diat Prasajo

This paper is written to describe the importance of digital libraries to be applied in university library through the exploration of the advantages offered by digital libraries, as well as the challenges that will be faced in the implementation of digital libraries as infrastructure to support education....

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

The Teachings of Ki Hadjar Dewantara in Improving the Character of Elementary School Students in the Revolution of Industry 4.0 Era*

Ana Fitrotun Nisa, Zuhdan Kun Prasetyo, Istiningsih

Ki Hadjar Dewantara is the Father of Indonesian Education who was instrumental in carrying out an educational revolution in Indonesia from colonial-based to nationalist-based. The learning carried out puts forward the development of character that is balanced with the good mastery of knowledge. One of...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Development of Biology Learning Media Based on Macromedia Flash in the Era of Industrial Revolution 4.0

Riya Irianti, Dharmono, Mahrudin

This study aims to describe the validity, practicality and effectiveness of Macromedia Flash in Biological Learning in the Industrial Revolution Era 4.0. The research method in this research is the development or Research and Development (R&D), using the One-shot Case research design. Stages in this...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Individual Student Planning Model to Develop Career Readiness in High School*

Budi Astuti, Nia Veronica, Edi Purwanta, Diah Novita, Liya Husna Risqiyian

Adolescence is a period in the development of a person's life since the end of childhood until the beginning of adulthood. As individuals who are developing the transition process from childhood to adulthood, adolescents have development tasks that lead to their preparation to fulfill the desires and...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Developing Science Electronic Module Based on Problem-Based Learning and Guided Discovery Learning to Increase Critical Thinking and Problem-

Solving Skills

Avisia Suryaningtyas, Febyarni Kimianti, Zuhdan Kun Prasetyo

The Development research conducted to develop science electronic modules based on Problem Based Learning and Guided Discovery Learning to improve critical thinking skills and problem solving. The ability of critical thinking and problem solving needs to be possessed by students because in the 21st century...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Development of Mobile Learning-Assisted Local Culture-Based Subject Specific Pedagogy in Realizing the Learning Outcomes of Physics Subject

Supahar, Ahsan Abdulfattah, Sukardiyono, Himawan Putranta

Education plays an important role in developing human resource skills in order to compete in the world of work. To support the role of education, it is necessary to develop skills through learning activities, one of them is through learning in the form of subject specific pedagogy (SSP) based on local...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Development of Physics Learning Media Based on Local Wisdom Belogo and Traditional Rowing Contest to Improve the Physics Representative Ability of High School Students in Realizing Learning Outcomes

Warsono, Supahar, Rio Sandhika Darma, Puji Iman Nursuhud, Danis Alif Oktavia, Ahdika Setiyadi

This research aims to develop and find out the effectiveness of Multimedia Learning Modules (MLMs) in improving students' (diagram and physical) representations of physics. This research design used is a pretest-posttest control group design. The research subjects are 10th-grade MIPA students in Samarinda...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Effectiveness of Interactive Physics Mobile Learning Media with Scaffolding Approach to Improve Students' Tolerance and Students' Self-Regulated Learning

Suparno, Erlin Evelin, Sukardiyono, Tri Utami

Research has been conducted which aims to determine the effect of the use (IPMLM) with the scaffolding approach to improve students' tolerance and students' self regulated learning in the Bima city and Pontianak city. The study was conducted using Pretest-Posttest Control Group Design. XI grade students...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Development of Terbang Papat and Larung Sesaji Local Wisdom-Based Physics Learning Module to Increase the Senior High School Students' Physics Representation Ability in Realizing Nature of Sciences

Warsono, Supahar, Ahdika Setiyadi, Danis Alif Oktavia, Rio Sandhika Darma, Puji Iman Nursuhud

This study aims to determine the feasibility level of local wisdom-based physics learning module in high school physics learning and determine the effectiveness of local wisdom-based physics learning module in increasing the students' representation ability in high school physics learning. This research...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Teaching Performance of High School Biology Teachers in Applying TPACK: A Descriptive Study

Paidi, Noviana Hapsari, Bambang Subali, Fitria Eka Cahya Astuti

TPACK was a knowledge that teachers need to master to teach effectively with technology. TPACK needs to be applied in the learning process to realize technology integrated learning. The implementation of TPACK in the learning process can be reflected in teacher teaching performance. This research aims...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

A Rasch Model Analysis on Designing Needs-Based Teacher Professional Development Programs

Budi Kadaryanto, Suwarsih Madya, Ashadi

Teacher professional development programs (TPDs) have always become an interesting topic of discussions in the body of teachers' professionalism literature. Over a decade of the Teachers and Lecturers Act enactment in Indonesia, professional development (PD) programs yielding teachers who possess pedagogical,...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

A Suitability of Competency Certification Scheme for Automotive Vocational High School with LSP P1 Against Business and Industrial World Needs in Semarang City

Dhewa Frovihandika, Zainal Arifin

This research was aimed at identifying certification scheme that is done by automotive Vocational High School with LSP P1 in the field of Engine Tune Up EFI and Conventional Engine Tune Up and find out the mismatch between industrial needs that require labor skilled work in their fields. Survey method...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Child-Friendly Based Lift-the-Flap Story Book: Does It Affect Creative Thinking Ability and Self-Actualization of 4th Grade of Elementary Student?

E. Kus Eddy Sartono, Eka Irawati

This study aims to find out the effect of lift the flap story book, child-friendly based "Kayanya Negeriku" toward creative thinking ability self actualization of 4th grade of elementary students. This is a quasi experiment study with nonequivalent comparison-group design. The population of study was...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Development of POE and SETS Based Science E-Module to Facilitate Creative Thinking Skill and Collaboration Skill

Hanif Alifah Kurniawati, Reizka Rossalina Erriska, Zuhdan Kun Prasetyo

Development research conducted aims to develop products in the form of POE and SETS-based science electronic modules to facilitate collaboration skill and creative thinking skill. The model used in this study is the R&D development model that adapts the 4D model. The module eligibility assessment is...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Development of Big Book Media to Increase Understanding of Pancasila Values in Early Class

Wuri Wuryandani, E. Kus Eddy Sartono, Fathurrohman

This study aims to produce a big book media about the values of Pancasila to foster the behavior of characters of early grade students in elementary schools that meet the eligibility criteria. This research is motivated by the problem in which the lack of learning media in elementary schools that contain...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Effectiveness of Javanese Graded Readers to Teach Reading Comprehension

Supartinah, Endang Nurhayati, Sekar Purbarini Kawuryan, Woro Sri Hastuti

Reading in the Javanese language is challenging for early grade students of elementary schools. Graded reading books to ease up reading in the language have not been available. This R & D work has previously produced graded readers written in the Javanese language. This study is then intended to know...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Effects of the Microsystem Layer on the Developing Religious Identity Status of Late Adolescent

Aulia Diah Pratiwi, Suwarjo

This study aimed to determine the effect of microsystem layers on the developing of the status religious identity of late adolescents. This study used a quantitative approach with a descriptive survey type. The number of subjects in this study was 30 students of Yogyakarta State University which were...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The 21st Century Ideal Skills for Vocational High Schools

Apri Nuryanto, Kholid Yusuf Eryandi

This paper presents 21st Century Skills that are ideal for Vocational High Schools (SMK) in Indonesia using library research methods or approaches. Data collection is carried out by studying, exploring a number of books, documents and journals (both in printed and electronic form) as well as other sources...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Mobile Learning-Based Science Mathematic Story: Attracting Students Studying Interest

Muhammad Nur Wangid, Adi Hastomo, Fitria Nurulaeni

This is a survey study using questionnaire as the data collecting method. This study involved 144 students of 4th grade in Banguntapan sub district and Sleman sub district, Yogyakarta province. Study result shows that: 1) the availability of learning media usage is still low to support learning process;...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

The Implementation of Flipped Classroom as an Attempt to Improve Indonesian EFL Learners' Speaking Performance

Taufik, Widyastuti Purbani

Speaking skill is considered as a crucial skill for English foreign language learners. This skill needs to be developed not only at schools but also outside. Hence, English teachers should facilitate their students in improving this skill both inside and outside schools. Unfortunately, in Indonesia,...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Influencing Factors on the Teacher–Students Pedagogical Creativity of the FKIP Bengkulu University

Wasidi

The purpose of this study was to study the factors that influence pedagogical creativity. Factors that are thought to influence pedagogical creativity are parental guidance, self-motivation, adversity quotient as independent variables, while the dependent variable is pedagogical creativity. This research...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Development of an Assessment Tutorial of Students' Learning Achievements on Vocational High School

Edy Supriyadi, Yuwono Indro Hatmojo

This study aims to develop a model of assessment tutorial (video) of students' learning achievement on Vocational high school (VHSs) in the Expertise Program of Electrical Engineering. This development research used the Borg & Gall model. The video tutorial was trialed twice. Trials I were conducted...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Global Citizenship Values in the Student's Book of Pancasila and Civic Education

Mukhamad Murdiono, Suharno, Wuri Wuryandani

This study was aimed at (1) analyzing the values of the global citizenship and (2) finding the dominant global citizenship values in the student's book of Pancasila and civic education for grade XII. This study is a content analysis. The unit of analysis in this study was the content of the student's...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Classification Between Normal Heartbeat and Angina Pectoris in Phonocardiograph Using Neural Network

Dyah Kurniawati Agustika, Juli Astono, Sumarna, Agus Purwanto

Data from the Ministry of Health shows that heart disease is the highest cause of death in all ages after stroke. This death rate will continue to increase if heart disease is not treated early. Delay in the handling of patients with cardiac abnormalities is due to the limited heart detection devices...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Experiential Learning Model for Accounting Literacy Development of Micro, Small, and Medium Enterprises

Irawan Syarifuddin Daher, Sugito, Entoh Tohani

Micro, Small & Medium Enterprises (MSMEs) gave high contribution for developing countries' economic condition but their contributions have not been realized properly due to certain problems. Most MSMEs were involved in a business transactional records that did not have qualified audit reports to affect...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Development of Interactive Learning Media Based on Google Application for Distance Learning in Universitas Pendidikan Indonesia

Feri Hidayatullah Firmansyah, Intan Permata Sari, Fahmi Candra Permana, Asep Herry Hernawan

This research aims to develop interactive learning media distance learning. In order to support the industrial revolution 4.0, human resources are expected to be skilled in making and using technology. One of them is development of learning model 4.0 where learning can be done anywhere and without being...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Homeschooling: An Alternative Education Based on Potential of Children

Nining Purwaningsih, Puji Yanti Fauziah

The reason underlying homeschoolers decide on homeschooling education is because of the emergence of the desire to provide education that supports children's competence in their field. In addition, due to factors distrust of formal schooling and the provision of religious education. Homeschooling is...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Making the Best Use of Social Media in English Classroom

Anisa Nur Pratiwi, Pangesti Wiedarti

In the era of 21st century, education has been growing to more practical world to meet the demands of humans' needs. One of the skills in the 21st century is the use of media and technology to support classroom activities at which those activities should resemble current trend in the world. In order...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Developing a Hand Puppet Book Media to Improve the Higher Order Thinking Skill and Character of Elementary School Students

Anwar Senen, Dea Resti Ameliandari, Pratiwi Pujiastuti, Tusta Rika Purwanti

This study developed the Hand Puppet Book media need assessment to improve the higher order thinking skill and character of the 4th and 5th grade students of elementary schools in Sleman. Preliminary data of the research and development collected through observations, interviews, and questionnaires....

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Understanding and Acceptance of UKRIM Students on Plurality of Religions

Bernardus Agus Rukiyanto, Dyandang Marcelinus

This study was written on the basis of the authors' concern on issues of religions in Indonesia. This study applied quantitative method of research with some questionnaires, supported by some interviews. The population of this research was the students of Immanuel Christian University in Yogyakarta with...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Transformational Leadership and Emotional Intelligence

Lisa Gracia Kailola

The leader is someone who is able to develop the ability within himself and also develop the ability of others to achieve company goals. Many companies invest in the field of human resource development, especially in leadership development programs because they realize how important the role of leaders...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Feasibility Test on Laboratory Based on Virtual Instrument System as Nature of Science Learning Media

Supahar, Eko Widodo

The disruption era placed the digital industrial world as the paradigm and the new reference in the order of life that caused significant changes known as the Industrial Revolution 4.0. It also affects the laboratory as an integral part of science learning that contains teaching materials, media, facilities,...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

A Whiteboard Animation Multimedia to Improve Teachers' Ability in Understanding Classroom Action Research

Suyantiningsih, Dian Wahyuningsih, Sungkono

This study aims to test the effectiveness of multimedia whiteboard animation about classroom action research and conduct the process of disseminating the product to teachers in Yogyakarta. The research subjects consisted of teachers from kindergarten to senior high school education, with a sample of...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Improving Students' Speaking Skills in Generating Idea Through New Concept of Mind Mapping Technique

Dwi Setiawan

This study is conducted to describe the implementation of mind mapping to improve students' speaking skills in generating idea. Speaking becomes an important and challenging skill in language learning. Speaking is needed in many aspects Such as in communication and in educational aspect. However, many...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Employment Governance for People with Disabilities: Comparative Study Between Indonesia and Malaysia

Utami Dewi, Nor Hafizah Mohamed Harith, Dwi Harsono, Abdul Jalil Mohamed Ali, Kurnia Nur Fitriana

People with disabilities in both Indonesia and Malaysia are facing difficulties in attaining proper jobs and salaries. This paper aims to examine employment governance in Indonesia and Malaysia in comparative perspective. Descriptive qualitative research method was employed to gather and analyze the...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Effect of Drilling Exercise Using Level Net and Standard Net to Improve Forehand Overhead Lob Technique for Badminton Beginner Players

Nurman Hasibuan, Firmansyah Dlis, Ramdan Pelana

This study aims to determine the effect of drilling exercise using level net and standard net on increasing the forehand overhead lob technique for badminton beginner players. This study uses an experimental method. A sample of 24 people is taken by using purposive random sampling from 35 total of population....

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Noise Reduction of Simplified Phonocardiograph Through Flexural Tube Adjustment

Sumarna, Juli Astono, Dyah K. Agustika, Agus Purwanto

This study aims to determine the length of the flexural tube phonocardiograph device for noise reduction from heart sound record data. Human. Phonocardiograph, which is a simplification of the phonocardiograph in the chest part (in whole) in the chest; pipe; condenser mic; pre-amp; PC. The data is then...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Digital Signal Processor as Learning Media with DSK TMS320C6713-Based Remote Laboratory

Galih Setiyo Budhi, Fatchul Arifin

Simulation learning of DSP makes learning nonoptimal, because there are no real experiment on this learning. The aims of this research were to produce and to show the work method of Digital Signal Processing trainer kit using remote laboratory-based DSK TMS320C6713. This development research adapted...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Developing a Tracer Study Information System Based on SMS Gateway to Support Career Development Program in UPI, Cibiru Campus

Fahmi Candra Permana, Asep Herry Hernawan, Feri Hidayatullah Firmansyah, Intan Permata Sari

Graduates' waiting period of an educational institution in getting a job can be an institution standard quality in organizing the educational process for its graduates. In addition, one indicator of the success of the education process is the absorption of the graduates of the institution in the working...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Algebraic Properties of the Multistate Population Matrix Model

Sisilia Sylviani, Ema Carnia, A.K. Supriatna

Discrete time population growth is often modeled by a matrix. Many growth parameters such as growth rate, reproduction rate, as well as the movement of the population are easily included in a matrix model. This paper will discuss a matrix model that describes the dynamics of a population having some...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Elderly Healthy Home for Promoting Inclusive Health Services in Indonesia

Utami Dewi, Pandhu Yuanjaya, Puji Wulandari Kuncorowati, Kurnia Nur Fitriana

The number of elderly in Indonesia has been increasing each year while the quality of healthy life was not good enough. This paper aimed to examine the Elderly Healthy Home (Rumah Sehat Lansia/Rusela) implementation in providing health services for elderly in Yogyakarta. The percentage number of elderly...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Developing a Portable Field Line for Hadang (LFH) in Traditional Game Learning in Elementary School

Adnan Riyanto, Raden Sunardianta

The research background is the lack of physical education learning facilities that facilitate teachers to teach traditional games more efficiently and effectively. This study aimed to develop a portable field line for Hadang (FLH) as a traditional game learning facility in physical education. This was...

- [+ Article details](#)
 - [+ Download article \(PDF\)](#)
-

Proceedings Article

Indonesia–Thailand Culture Similarities and Their Contributions in BIPA Learning

Ari Kusmiatun, Else Liliani

One manifestation of learning Indonesian is Indonesian for Foreign Speakers (BIPA). BIPA learning is an embodiment of efforts to improve the function of Indonesian into an international language. This paper examines the importance of the existence of Indonesian-Thai cultural parity and its contribution...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Job Stress and Job Satisfaction Among Indonesian Lecturers: How Information Technology System May Define Them in the Era of Industrial Revolution 4.0

Suwito Eko Pramono, Heri Yanto, Inaya Sari Melati

Information technology is developing rapidly and has changed the way of life in all elements of society, including in tertiary organizations. This study aimed to determine the contribution of information technology systems in strengthening or weakening the relationship between organizational culture...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

User Satisfaction Simtenismeja.com in Implementation of Table Tennis Games

Deny Budi Hertanto

Simtenismeja.com is a piece of software that can manage table tennis matches. This system is an application program specially designed to enroll participants in table tennis games, arrange schedules and device matches, execute matches and publish the results. This article intends to reveal how the level...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

School Policy for Bullying Prevention

Riana Nurhayati, Siti Irene Astuti Dwiningrum, Ariefa Efaningrum

Bullying in the school environment is one of the phenomena that still often occur even with increasing intensity. Therefore, special policies are needed from each school in dealing with bullying issues. This paper aims to describe: 1) the form of school policy in dealing with bullying, 2) school programs...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Category Shifts in English–Indonesian Translation

Suratman Dahlan, Saiful Latif

This study aims to identify and to classify shifts in English-Indonesian translation. This research employed a descriptive qualitative method. The research was conducted at the fourth-semester students of English Language Education Study Program, Khairun University which consists of two classes, 78 students....

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

The Adsorption of Cr³⁺ onto Na⁺-Saturated Kaolinite

Jaslin Ikhsan, Endang Widjajanti, Erfan Priyambodo

Chromium is one of the parameters of the heavy metal pollutant in the environment. An adsorption of chromium can be used to reduce the content of chromium cation. The study aimed to reduce the concentration of Cr cations in the water waste by using adsorbents kaolinite and Na-kaolinite with the pH variation...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Physical Activity Experience Among Transnational Young People Living in New Zealand

Muhammad Hamid Anwar, Caly Setiawan, Herka Maya Jatmika

Studies on youth physical activity have been growing out of the agenda to enrich literature thus far having been predominated by the epidemiological research. Epidemiological studies provide insightful knowledge about the youth's predispositions and competences for participating in physical activity....

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Art of Painting to Decorate the Surface of Metal Crafts in the “Wastraloka” Creative Industry

Rustam Asnawi, Nurhening Yuniarti, Ismadi

The Indonesian creative industry has compete in global competition. Unique and quality are the basic keys of many people's favorite. One of the creative industries that have its uniqueness

and quality is “Wastraloka” Klaten. The uniqueness of its products is wood and can painted with ancient batik motifs...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Preventing Student Delinquency Through Three Education Center Communication

Suranto Aw, Mami Hajaroh, Chatia Hastasari

The focus of this research is to describe the efforts in preventing student's delinquency through the three education center's (schools, families, and communities) communication. The three education center communication is a process of interaction performed by educational stakeholders as a strategic...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Urgency of “Sahabatlekat” Android Application to Develop Self-Identity of Students' Friendship in Z-Generation

Mutiara Harlina, Suwarjo

Sahabatlekat is one of solution offered for character education in industrial revolution 4.0 era. Sahabatlekat takes part in developing self-identity of friendship in z-generation student to facilitate student in their developmental stage in order to achieve life independently. Sahabatlekat was developed...

[+ Article details](#)

[+ Download article \(PDF\)](#)

Proceedings Article

Development of Physical Education Model Based on Character for Improving Affective, Cognitive, and Psychomotoric Values in Elementary School

Sugeng Purwanto, Ermawan Susanto

The importance of developing character has been emphasized in the goals and functions of the national competency standards for physical education. This study aims to develop a character-based physical education learning model to improve affective, cognitive, and psychomotor values in elementary schools....

[+ Article details](#)

[+ Download article \(PDF\)](#)

Atlantis Press

Atlantis Press – now part of Springer Nature – is a professional publisher of scientific, technical & medical (STM) proceedings, journals and books.

We offer world-class services, fast turnaround times and personalised communication. The proceedings and journals on our platform are Open Access and generate millions of downloads every month.

For more information, please contact us at: contact@atlantis-press.com

► PROCEEDINGS

► JOURNALS

► BOOKS

► POLICIES

► MANAGE COOKIES/DO NOT SELL MY INFO

► ABOUT

► NEWS

► CONTACT

► SEARCH

[Home](#) [Privacy Policy](#) [Terms of use](#)



Copyright © 2006-2024 Atlantis Press – now part of Springer Nature

The Understanding and Acceptance of UKRIM Students on Plurality of Religions

Bernardus Agus Rukiyanto
Religious Education Department
Sanata Dharma University
Yogyakarta, Indonesia
ruky@usd.ac.id

Dyandang Marcelinus
Religious Education Department
Sanata Dharma University
Yogyakarta, Indonesia
dyandangm@gmail.com

Abstract—This study was written on the basis of the authors' concern on issues of religions in Indonesia. This study applied quantitative method of research with some questionnaires, supported by some interviews. The population of this research was the students of Immanuel Christian University in Yogyakarta with a purposive sampling technique. There were 64 respondents, who were active students and active members of the student association. The results of this study indicate that the mean value of overall students' understanding and acceptance on plurality of religions at Immanuel Christian University in Yogyakarta is 109.06, which shows the criteria of good. This result reveals that the average students' of Immanuel Christian University in Yogyakarta have good understanding and good acceptance of plurality of religions.

Keywords: *understanding, acceptance, plurality of religions*

I. INTRODUCTION

Indonesia is a pluralistic nation. There are various tribes, cultures, languages, religions and beliefs. Indonesia has a nation motto "*Bhinneka Tunggal Ika*" which means Unity in Diversity, written in the nation symbol of "*Garuda Pancasila*."

There are 6 major religions that are recognized by the government and protected by the 1945 Constitution, namely Islam, Protestantism, Catholicism, Hinduism, Buddhism, Confucianism. The results of the population census conducted by the Central Statistics Agency in 2010, the Islamic population of 87.2%, Christians 6.9%, Catholics 2.9%, Hindu 1.7%, Buddhism 0.7%, Confucius 0.05 % of total population [1]. Besides these major religions, there are other religions and beliefs that exist in Indonesia. In this pluralistic situation, an understanding and acceptance of plurality of religions is needed.

Historically, this diversity of ethnics, cultures, languages, religions and beliefs is also a cause of much violence in Indonesia. There have been various conflicts in the name of pluralism, especially religious pluralism.

Conflict in the name of religion has hit Indonesia in the case of blasphemy by the former Governor of DKI Jakarta, Basuki Tjahaja Purnama (Ahok), who

was finally found guilty by the court and sentenced to 2 years in prison in a court decision on May 9, 2017 [2].

Previously a series of ethnic and religious conflicts had occurred, such as in Poso (1998 - 2001), Ambon (1999 - 2002), Sampang and South Lampung in 2012. Conflict between Dayak and Madura ethnic groups in Sampit gave a bad record because it caused 469 people died and 108,000 people were displaced.

In Yogyakarta there were various cases of destruction of houses of worship: the Pentecostal Church of Indonesia in Sleman in 2014, the Quwwatul Islam Mosque in 2017 and an attack at St. Lidwina Bedog Church, Sleman in 2018.

In 2016 Chief of Police General Badrodin Haiti once said that in Indonesia there were three large groups of radical organizations. From the results of police mapping and tracing there are approximately 21 groups that support ISIS. Three major groups of radical organizations in Indonesia (National Police Headquarters version) are Jemaah Islamiah, Tauhid Wal Jihad, and NII [3].

On 4 June 2017 Saiful Mujani Research and Consulting (SMRC) released the results of a survey on the Republic of Indonesia (NKRI) and the Khilafah or Islamic state. As many as 79.3 percent of respondents stated that NKRI is the best for Indonesia. Only 9.2 percent of respondents agreed to replace NKRI by a Khilafah or Islamic state, while 11.5 percent of other respondents said they did not know or did not answer (national.kompas.com). The survey results show that there are some Indonesian people who want the establishment of an Islamic state. It means that they reject plurality of religions.

In such a situation, education is needed to open space for openness and respect for the religion and beliefs of other people. Therefore young people especially students as a group of intelligence who are expected to be a dynamic driving force for the process of modernization need to be educated in order to understand and accept plurality of religions.

This study aims to get a picture of students' understanding and acceptance of plurality of religions. The research sample is limited to students of Immanuel Christian University (UKRIM) in Yogyakarta. The results of the study can be used as a

means to find ways to foster a correct understanding of plurality of religions among students so that they can accept religious plurality.

Immanuel Christian University, which was founded in 1982, organizes a variety of excellent study programs that prepare students to work after graduation. UKRIM was built with the principle of "Balance of Faith and Science" so that it will produce scholars who are ready to work by upholding the principles of their faith. UKRIM has a strong family nuance, which is built through a high ratio between lecturers and students and personal interactions between them that occur within the academic community [4].

II. THE UNDERSTANDING AND ACCEPTANCE OF PLURALITY OF RELIGIONS

In this section, the authors will explain the meaning of understanding and acceptance of plurality of religions.

A. Understanding

Understanding is the process of making ways of understanding [5]. Understanding is more than learning knowledge. Understanding can be divided into 3 categories, namely: (1) the lowest level is translating, starting from translating in the real sense, interpreting and applying principles; (2) the second level is interpreting, namely connecting several parts of the graph with events, differentiating the main from the non-main and (3) the third level is the level of extrapolation [6]. Having an extrapolated level of understanding means that a person is able to see beyond what is written, can make estimation and predictions based on the meanings and conditions explained in ideas or symbols, and the ability to make conclusions related to their implications and consequences.

Understanding includes the ability to capture the meaning of the material being studied [7]. Winkel took Bloom's taxonomy, which is a taxonomy developed to classify instructional objectives. According to Bloom, understanding include cognitive aspect which consists of aspects of knowledge, understanding, application, analysis, synthesis, and evaluation. These six aspects constitute a hierarchy of difficulty levels of thinking from low to highest.

According to Winkel [7], understanding is divided into several indicators:

TABLE I. INDICATOR OF COGNITIVE ASPECTS

Behaviour	Internal capabilities	Operational verbs
Understanding	Translating Interpreting Estimating Determining: methods, procedures Understanding: concepts, rules, principles, links between facts, main content. Interpreting: tables, graphics, charts	Explaining Deciphering Formulating Summarizing Changing Giving an example Adapting Predicting Concluding Estimating Explaining Replacing Drawing a conclusion Summing up Developing Proving

B. Acceptance

Acceptance is a process or way to receive and get something from what is done. In everyday life there are so many things we accept. For example in a family the acceptance of love from parents towards children and vice versa children to parents become one of the existing acceptance.

Acceptance is the acceptance of unconditional love by parents to their children which is reflected in the patterns of acceptance of parents. Parents in this case are the closest and main environment in their lives. In addition to being responsible for their families, parents have a very important role in children's development. The treatment given by parents to their children will have an impact both directly and indirectly for their children. According to Johnson and Medinnus [8], the notion of acceptance is "giving unconditional love so that parents' acceptance of their children is reflected through the presence of strong attention, love towards children and the joyful attitude of caring for children". Also added by Hurlock, the concept of parent acceptance is characterized by great attention and affection of children [9].

Acceptance includes sensitivity to an incentive and willingness to pay attention to stimuli, such as textbooks or explanations given by the teacher. This willingness is expressed in paying attention to something, such as looking at a picture made on a whiteboard or listening to classmates' answers to a teacher's question. However, attention is still passive [7].

According to Winkel [7], acceptance is divided into several indicators of affective aspect:

TABLE II. INDICATOR OF AFFECTIVE ASPECTS

Behaviour	Internal capabilities	Operational verbs
Acceptance	It indicates: awareness, willingness, attention Acknowledge: interests, differences	Asking Choosing Following Answering Continuing Giving Stating Putting

C. Plurality of Religions

Plurality of religions refers to the reality of conditions that humans have a variety of religions and beliefs. There are several assumptions about the plurality of religions, namely: (1) **religious exclusivism**, which is an attitude that believes one religion is the most right and the other religions are wrong; (2) **religious inclusivism**, which is a more open understanding of the existence of other religions. Although open to other religions, this attitude does not give up the belief that what is true is his/her own religion and so tends to be arrogant; (3) **religious pluralism**, this attitude believes that there are many paths to salvation. Pluralism centers on the universality of God's love for the world. In this awareness every religion needs to accept another religion, accepting that all religions are true [10]. Conflict in differences requires an attitude to respect plurality. An attitude that respects plurality is an attitude that recognizes the uniqueness and differences of other religions, as well as an attitude of respecting minorities.

Plurality rejects the existence of homogeneity in society [11]. Religious plurality recognizes the existence of various religions and beliefs in society. Acceptance of religious plurality cannot be separated from acceptance of religious freedom [12]. For this reason, interreligious dialogue is needed that enables the meeting of religions for the rich experience of faith [11].

It cannot be denied that in Indonesia there are various religions and beliefs. Therefore we need religious pluralism: acknowledging that all religions are different paths to the same God. No religion can claim that his/her religion has the sole authority to teach the absolute truth [13]. There is no religious text that can describe God absolutely. Thus the exclusive and inclusive attitude need to be avoided. Openness, understanding and respect for other religions and beliefs are needed.

In this situation of diversity of religions and beliefs, a high tolerance is needed. This attitude of tolerance is only possible when people empty themselves and develop an attitude of generosity and openness to others [14]. Besides this, character education [15][16] as well as multi-cultural education are needed to humanize the youth so that they have good character and open to diversity of cultures and religions [17]. When there is a conflict, the spirit of forgiveness should be developed [18].

III. RESEARCH METHODS

In this study, the authors applied a descriptive analytical method which is a method that describes the data obtained through research to obtain a picture of the understanding and acceptance of students of UKRIM on plurality of religions. The data are collected using a questionnaire, supported by some interviews.

A. Quantitative Research

This type of research used in this research is quantitative research, using statistical analysis [19]. This study used descriptive research method that is not intended to test the hypothesis, but only to describe the reality of a variable, symptom or condition [20]. The authors distributed questionnaires about understanding and accepting plurality of religions. The questionnaire used a scale model of one to five.

B. Research Design

The research design used in this study was *ex post facto* research design. The treatment of *ex post facto* research had occurred before the authors did it. The author did not control the treatment at all.

C. Place and Time

This research was conducted at Immanuel Christian University (UKRIM), located at Jl. Solo, Km 11.1, Purwomartani, Kalasan, Sleman, Yogyakarta. This research was conducted in May - June 2019.

D. Population and Sample

The population in this study was Immanuel Christian University. Respondents in this study were students from the study program Informatics Engineering, Physics, Civil Engineering, Management, Accounting, Christian Religious Education, Church Music, and Christian Theology Counselling. This research used purposive sampling. Purposive sampling is a technique for determining samples with certain considerations [17] or setting specific criteria that support research objectives so that they can answer research problems. The criteria used by authors include active students and active members of the student associations both of University and of study programs.

E. Variable

This research only has one variable, namely understanding and acceptance of students of Immanuel Christian University. This research addresses the relationship between stimulus and response, namely stimulus: plurality of religions; response: understanding and acceptance of students of Immanuel Christian University.

F. Techniques of Collecting Data

The techniques of data collection in this research were distributing questionnaires to the students, supported by some interviews. Questionnaire is a data collection technique that is done by giving a set of questions or written statements to respondents to answer [19]. The authors made a questionnaire related to the understanding and acceptance of the students on plurality of religions.

Besides questionnaires, interviews with some respondents were used by the authors to deepen the answers of the respondents. [19].

G. Research Instrument

The research instrument used in this study was a questionnaire with a range of scale from 1 to 5. The research instrument contains 30 statements or questions regarding the understanding and acceptance of plurality of religions. Alternative answers provided from each question are different, such as agree – disagree, sure – not sure, comfortable – disturbed, easy – difficult, important – not important, always – never, adequate – not adequate.

TABLE III. QUESTIONS OF UNDERSTANDING AND ACCEPTANCE OF PLURALITY OF RELIGIONS

Variable	Indicator	Questions	No
Understanding of plurality of religions	Translating	1. Pluralism is an ideology which states that any condition is in fact diverse.	1
	Interpreting	5. In the context of living together, the best condition is that there is only one religion. 26. Every religion may develop its religious values in society.	5 26
	Estimating	3. Pluralism brings life to be better. 4. Pluralism creates conflicts in society. 20. Explore other religions 21. Exploring other religions will disrupt the personal appreciation of religion 27. My knowledge of other religions	3 4 20 21 27
	Determining	2. The diverse circumstances must be maintained and fought for. 19. The traditions of ancestors must be changed according to religious traditions. 28. I get my knowledge about other religions from people of my own religion.	2 19 28
	Understand-ing	13. Society is governed according to religious rules.	13
	Giving meaning	30. Regarding greetings that characterize other religions I feel... 22. Interfaith dialogue will enrich spirituality	30 22
	Showing awareness	14. I befriend with people of different religions 15. Helping friends of different religions 16. Giving greetings to	14 15 16 23

		friends of different religions during their religious celebrations 23. Getting involved in helping other religious celebrations	
	Showing willingness	10. When I am sick, I feel comfortable going to a hospital that has the characteristics of my religion. 11. When I die, I want to be buried in a cemetery that has religious characteristics 29. Listening or watching the pulpit of other religions	10 11 29
	Showing concern	17. Visiting friends of different religions on their religious holidays 24. I refuse to attack houses of worship 25. I remind my friends to worship according to their religion when it's time	17 24 25
	Recognizing interests	6. To the sound of the call to prayer / church bells / temple bells and the like, I feel ... 7. Regarding broadcasts of religion / pulpit of other religions on radio or TV or in places of worship, I feel ... 8. Against the symbols of other religions (such as the crescent, cross, chakra, etc.) I feel ... 18. Establishment of other religious places of worship in my neighbourhood	6 7 8 18
	Acknowledging the differences	9. Against the presence of neighbours of different religions I feel ... 12. I feel comfortable living in a village that is predominantly of my religion.	9 12

IV. RESULTS

A. Questionnaire

Through the questionnaire distributed to 64 respondents, using Microsoft Excel 2016, the results of the frequency from overall data about the understanding and acceptance of plurality of religions with an interval of 24 from a maximum score of 150 and a minimum score of 30 namely:

TABLE IV. SUMMARY OF FREQUENCY DESCRIPTIONS FROM OVERALL DATA

Scale	Interval	Frequency	%	Note
5	126.1 – 150	4	6.25	Very good
4	102.1 – 126	45	70.3125	Good
3	78.1 – 102	14	21.875	Good enough
2	54.1 – 78	1	1.5625	Less good
1	30 – 54	0	0	Not good

From the table above, there are 4 students who are in the scale of 5 (very good) with a percentage of 6.25%, 45 students are in the scale of 4 (good) with a percentage of 70.31%, 14 students are in the scale of 3 (good enough) with a percentage of 21.87%, 1 student is in the scale of 2 (less good) with a percentage of 1.56%.

Through the questionnaire distributed to 64 respondents, using SPSS version 16.0, the results of statistical description were: the respondents' answers obtained an average scores of 109.06 from the total scores of 6980. The median scores were 110.00 and the scores that often appeared were 104. The range scores were 87 with a minimum scores of 61 and a maximum scores of 148.

TABLE V. SUMMARY OF STATISTICAL DESCRIPTIONS FROM OVERALL DATA

N	Valid	64
	Missing	0
	Mean	109.06
	Std. Error of Mean	1.495
	Median	110.00
	Mode	104 ^a
	Std. Deviation	11.963
	Variance	143.107
	Skewness	-.492
	Std. Error of Skewness	.299
	Kurtosis	4.352
	Std. Error of Kurtosis	.590
	Range	87
	Minimum	61
	Maximum	148
	Sum	6980

TABLE VI. SUMMARY OF THE RESULTS OF MEAN SCORES AND THE GREATEST FREQUENCIES OF EVERY ASPECT OF UNDERSTANDING AND ACCEPTANCE OF THE PLURALITY OF RELIGIONS

No	Aspect of plurality of religions	Mean scores		Frequencies		
		Result	Criteria	Total of students	%	Criteria
1	Translating	3.92	Good	22	34.37	Good
2	Interpreting	7.36	Good	23	35.93	Good
3	Estimating	16.39	Good enough	37	57.81	Good enough
4	Determining	10.56	Good	32	50	Good
5	Understanding	3.41	Good enough	17	26.56	Good enough
6	Giving meaning	7.48	Good	35	54.68	Good
7	Showing Awareness	16.77	Good	33	51.56	Very good
8	Showing willingness	9.19	Good enough	32	50	Good enough
9	Showing concern	12.48	Good	30	50	Very good
10	Recognizing interests	14.08	Good	28	43.75	Good
11	Acknowledging the differences	7.06	Good	21	32.81	Good

The table above shows that there are 8 aspects that have a mean scores with good criteria and there are 3 aspects with mean scores with good enough criteria. The frequencies shows that there are 6 aspects with good criteria, 3 aspects with good enough criteria and 2 aspects with very good criteria.

TABLE VII. SUMMARY OF THE OVERALL RESULTS OF MEAN SCORE AND THE GREATEST FREQUENCIES OF UNDERSTANDING AND ACCEPTANCE OF THE PLURALITY OF RELIGIONS

Aspect of Plurality of Religions	Mean scores		Frequencies		
Understanding & acceptance	109.6	Good	45	70.31%	Good
Understanding	49.48	Good	50	78.12%	Good
Acceptance	9.58	Good	42	65.62%	Good

The table above shows that overall, the results of mean scores and frequencies of the understanding and acceptance of UKRIM students on plurality of religions are good.

B. Interviews

The authors also interviewed 10 respondents (R1-R10), consisting of 6 men and 4 women. Based on the interviews, R2, R4, R6, R8 and R9 accepted plurality of religions, because diversity was good and beautiful. They could share their religious knowledge to one

another. R7 stated that it was better to accept plurality of religions, because diversity had existed since childhood, not only religion but also ethnicity and many other things. With diversity we could learn from one another. R4 stated that in religious plurality we needed to develop our attitude of mutual respect.

In daily life 10 respondents stated that they had never been disturbed by other religious attributes. However, some of them said that they felt disturbed and uncomfortable with the attitudes of intolerant. R7 experienced difficulty to find a boarding house because many boarding houses only accept certain religions.

The relationship of respondents with other religious communities were also very well established. R7 stated that he had a Muslim friend. They reminded each other to pray. During religious holidays, all respondents stated that they greeted their friends of different religions, because they were used to do it since childhood.

Regarding the building houses of worship, 9 respondents allowed it as long as they followed the regulations in the area. However, R6 refused it because he was disturbed by the sound of *adzan* (call to pray).

R4 and R7 stated that radicalism or intolerance never occurred in campus, only that misunderstandings between tribes have occurred. R8 stated that once in a religious course, the lecturer brought speakers from certain religions, so that it could open their horizons towards other religions. In general, the students had a high tolerance. Even some Muslim students took part as members of a choir in Christian religious activities on campus.

V. CONCLUSION

Based on questionnaire distributed to 64 respondents, the overall results of the understanding and acceptance of the students of Immanuel Christian University on plurality of religions showed that 4 students (6.25%) were in the criteria of very good, 45 students (70.31%) were in the criteria of good, 14 students (21.87%) were in the criteria of good enough, only 1 person (1.56%) was in the criteria of less good and no student was in the criteria of not good.

Based on interviews with 10 respondents, the results showed that the students of Immanuel Christian University had a good understanding and a good acceptance of plurality of religions.

Thus it can be concluded that the students of Immanuel Christian University had good understanding and acceptance of plurality of religions.

ACKNOWLEDGMENT

The authors acknowledge the assistance of the Institute for Research and Community Services (LPPM) of Sanata Dharma University which provided funding for this research.

REFERENCES

- [1] Jumlah data penduduk. Available from: <https://www.bappenas.go.id>
- [2] Putusan Ahok. Available from: <https://putusan.mahkamahagung.go.id/putusan/e8b1049e890f1bf53511d70ffa120602>.
- [3] Organisasi Radikal. Available from: <https://www.merdeka.com/amp/peristiwa/kapolri-beberkan-3-organisasi-radikal-dan-21-pendukung-isis.html>.
- [4] Universitas Kristen Immanuel Yogyakarta. Available from: <https://www.ukrimuniversity.ac.id/detail.php?kt=6&kn=15>-UniversitasKristenImmanuel
- [5] EM Zul Fajri dan Ratu Aprilia Senja, Kamus lengkap bahasa Indonesia, Edisi Revisi, Cet. 3. Semarang: Difa Publishers, 2008, pp. 607-608.
- [6] Nana Sudjana, Penilaian hasil proses belajar mengajar. Bandung: PT Remaja Rosdakarya, 1992, p. 24.
- [7] Winkel W.S., Psikologi pengajaran. Jakarta: Gramedia, 1991.
- [8] Ronald C. Johnson and Gene R. Medinnus, Child psychology: behavior and development. New York: John Wiley and Sons, 1967.
- [9] Elisabeth B. Hurlock, Psikologi perkembangan: suatu pendekatan sepanjang rentang kehidupan, trans. Istiwardyanti and Soedjarwo. Jakarta: Erlangga, 1991.
- [10] Paul Knitter, Introducing theologies of religions. New York: Orbis Books, 2002.
- [11] Kono, Raden. "Pluralitas, agama, dan dialog," in Pluralitas dan dialog? Seri Buku Vox, vol. 57/01. Yogyakarta: Moaya zam Zam Printika, 2013, pp. 6-21.
- [12] Haryatmoko, "Penerimaan pluralitas agama sebagai syarat kemungkinan etika politik," in Unisia, vol. 58, 2005, p. 366.
- [13] Jove Jim S. Aguas, "Religious pluralism and freedom of religion," in Journal of Dharma, vol. 31, no.1, 2006, pp. 67-80.
- [14] Smeser Lauren White, "For comparative theology's Christian skeptics: an invitation to kenotic generosity in the religiously pluralistic situation," in Harvard Theological Review, vol.109, no.2, 2016, pp. 159-177.
- [15] Rukiyanto SJ, "Developing non-violence education to eliminate violence at school and campus," in Optimizing educational research findings to improve the quality of life, Conference proceedings, the fifth International Conference on Educational Research and Innovation, 2017, pp. 443-451.
- [16] B.A. Rukiyanto, "Peran Gereja Katolik dalam membangun bangsa Indonesia di era reformasi," in Diskursus, vol. 16, no. 2, October 2017, pp. 105-137.
- [17] B.A. Rukiyanto, SJ, "Multicultural education in a pluralistic society in Indonesia," in Ethic in High-quality Research, the third International Conference on Educational Research and Innovation, 2015, pp. 520-524.
- [18] B. Agus Rukiyanto, "Toward a theology of forgiveness: an Indonesian Catholic perspective on responding to interreligious conflicts," in Filsafat, etika dan kearifan lokal untuk konstruksi moral kebangsaan, ed. Siti Syamsiyatun and Nihayatul Wafiroh, Globethics.net, Fokus 7, 2013, pp. 127-145.
- [19] Sugiyono, Metode penelitian kuantitatif, kualitatif dan R & D. Bandung: Alfabeta, 2015.
- [20] Suharsimi Arikunto, Manajemen penelitian. Jakarta: Rineka Cipta, 2013.