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PROCEEDING

THE 4th INTERNATIONAL CONFERENCE
ON ELEMENTARY EDUCATION

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**ELEMENTARY EDUCATION STUDY PROGRAM
SCHOOL OF POSTGRADUATE STUDIES
INDONESIA UNIVERSITY OF EDUCATION**

PROCEEDINGS

THE 4th INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION (ICEE-4)

"The Direction of Elementary Education in the Future Challenge"

Bandung, West-Java, 27th November 2021

Organized by:
ELEMENTARY EDUCATION STUDY PROGRAM
SCHOOL OF POSTGRADUATE STUDIES
UNIVERSITAS PENDIDIKAN INDONESIA



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PROCEEDINGS THE 4th INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION (ICEE-4)

"The Direction of Elementary Education in the Future Challenge"

Elementary Education Study Program, School of Postgraduate studies, Universitas Pendidikan Indonesia

Chairperson:

Hari Wihana, S.Pd.

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PREFACE

The Honorable, Rektor of Universitas Pendidikan Indonesia Prof. Dr. M. Solehuddin, M.Pd., M.A

The honorable, Director Postgraduate School of Universitas Pendidikan Indonesia Prof. Dr. Syihabuddin, M.Pd.

The honorable, Head of Elementary Education Postgraduate School Prof. Dr. päd. Wahyu Sopandi, M.A

And distinguished presenters and participants the 4th International Conference on elementary Education

Assalamu'alaikum Wr Wb

May peace be upon y'all

Good morning, ladies and gentlemen. First of all, let's thanks to God the almighty Allah SWT for giving us mercies and blessings, so that we can gather here virtually to join this conference.

Secondly, we would like to welcome all of you to the 4th International Conference on elementary Education, organized by Elementary Education Postgraduate School, Universitas Pendidikan Indonesia.

A nation must provide the best education for studensts so that they are able to face challenges and we are ready to compete with other nations. Therefore, we intend to organize an international conference with the theme "The Direction of Elementary Education in the Future Challenge". The conference is an effort to build a better quality of education and prepare the strategies to face the challenges that the scope of elemetary education will face in the future.

And then, wa are also pleased to inform you that we are in collaboration with several journals indexed by sinta.

And as a report that we have one-hundred fifteen presenters, and more than fifty participants registered for this conference form around Indonesia, such as Java Island, Sumatra, Kalimantan, Sulawesi, and Nusa Tenggara.

I believe that the conference can be succesfully held because of the efforts from many parties, therefore we would like to express our deepest and sincere gratitude to the head of Elementary Education Postgraduate School Prof. Dr. päd. Wahyu Sopandi, M.A, the staff, Dr. Atep Sujana, M. Pd, and Arif Hidayat S. Pd, M.Si., Ph. D, who has helped us communicate with the keynote speakers.

And of course, all members of the program committee for the hard work and for preparing this conference.

A very special gratitude goes to keynote speakers

Prof. Dr. Wouter van Joolingen from Utrecht University, Netherlands. Asst Prof. Choy Ban Heng from Nanyang Technological University, Singapore.

And all invited speakers Safitri Yosita Ratri S. Si, M.Pd., M.Ed. from Universitas Negeri Yogyakarta



Prof. Turmudi, Drs. Herli Salim, Prof. Dr. Bunyamin Maftuh, Prof. Dr. Sapriya, and Dr. Mubiar Agustin from Universitas Pendidikan Indonesia for sharing their insight with us today.

Finally, we would like to thank the authors for their contributions and participation this conference would not be possible without the excellent papers contributed by the authors. We hope that this program will further stimulate, empirical and conceptual research in elementary education and provide better views on the elementary education development. I think that's all that we can say, please do enjoy this conference. Don't forget always to stay safe, healthy and, happy.

Thankyou very much

Assalamu'alaikum Wr Wb

Best Regards

Hari Wihana, S.Pd.

The Chairman of the 4th ICEE

OPENING SPEECH BY UPI'S RECTOR



Good morning in Indonesia, good morning in Singapore, and early morning in the Netherlands.

Honorable Keynote Speakers: Prof. Dr. Wouter van Joolingen Utrecht University, Netherlands. And Asst Prof. Choy Ban Heng, Nanyang Technological University, Singapore.

Honorable Invited Speakers: Safitri Yosita Ratri, Prof. Turmudi, Drs. Herli Salim, Prof. Dr. Bunyamin Maftuh, Prof. Dr. Sapriya, and Dr. Mubiar Agustin.

Dear all ladies and gentlemen from Indonesia and overseas countries

Assalamu 'alaikum wr.wb.

I am extremely honored to say a few words at the opening of this **International Conference on Elementary Education**. As you may have been informed, this conference is the 4th conference that we are holding, organized by Primary Education Postgraduate School, Universitas Pendidikan Indonesia.

Ladies and gentlemen,

The development of education, science, and technology in the 21st century is very rapid. Various creative information and innovations appear in various fields, including education. Increasing technology in this modern era of globalization can be applied to education as a very sophisticated facility to facilitate the learning process delivered. Here the importance of technology to always be followed its development.

Education is the main thing, and a country can be considered advanced in its education issues. With the existence of technology and information in this day and age, it is hoped that students will start to be active in learning because learning media is now easy to access. The use of technology has been proven to increase students' interest in learning because it has a more attractive appearance to avoid boredom during lessons. Moreover, currently, teachers only act as facilitators, so students are now starting to be active in any way at school. In other words, a nation must provide the best education for students to face the challenges that exist now and in the future so that we are ready to compete with other countries.

Ladies and gentlemen,

To compete with other nations in the world of education, at least students must be equipped with abilities to compete globally. Therefore I believe that Prof. Dr. Wouter van Joolingen, Assistant Prof. Choy Ban Heng, and all invited speakers will give their best views on the needs of students in facing global challenges

Finally, as requested by the organizing committee, I would now officially declare this international conference open by saying *basmalah*.

I wish you a fruitful and insightful conference. Thank you very much and *assalamu 'alaikum wr.wb*

SPEECH OF DIRECTOR OF SCHOOL OF POSTGRADUATE STUDIES



Good morning the honorable rector of Universitas Pendidikan Indonesia Prof. Dr. H. M. Solehuddin, M.Pd., MA. Keynote speakers, invited speakers, the conference committee, and honorable participants.

It is a great pleasure for me to welcome you all to the International Conference on Elementary Education (ICEE) 2021 hosted by elementary education study program, school of postgraduate studies, Universitas Pendidikan Indonesia. The theme of this conference is on "The Direction of Elementary Education in the Future Challenge" due to build a better quality of education and prepare the strategies to face

the challenges that the scope of elementary education will face in the future.

This Conference attempts to provide an academic forum where both presenters and participants can upgrade and refine their knowledge and skills as well as disseminate their insights, thoughts, and share their best practices relevant to the conference theme. In addition, The 4th International Conference on Elementary Education will be filled with presentation sessions and discussions on research articles from academics, practitioners, and education experts from various countries in the sub-themes that have been determined as follows Literature and Language Learning, Mathematics Learning, Science Learning, Social Studies Learning, Technology, Information and Communication Learning, and others, which is useful to provide provisions for future challenges for students.

Regarding the time difference of the conference virtually held, I deeply appreciate the attendance and contribution of all speakers and participants from other countries and different parts who have significant time differences in this conference.

Member of the organizing committee and graduate student of elementary education department staff under Prof. Dr. päd. Wahyu Sopandi, M. A. have been working very hard. I would like to thank them for their dedication, time, and effort. Thank you all for your presence and participation and you are a very important part of the conference's success. Thank you very much and have a great conference.

Director of School of Postgraduate Studies of
Universitas Pendidikan Indonesia

Prof. Dr. Syihabuddin, M.Pd.

SPEECH OF HEAD OF ELEMENTARY EDUCATION SCHOOL OF POSTGRADUATE STUDIES

The honorable, Rektor of Universitas Pendidikan Indonesia Prof. Dr. M. Solehuddin, M.Pd., M. A, Director Postgraduate School of Universitas Pendidikan Indonesia Prof. Dr. Syihabuddin, M. Pd, and all the presenters and participants of the 4th International Conference on elementary Education.



Welcome to the 4th International Conference on Elementary Education (ICEE) 2021. It is an honor for us, the Elementary Education Study Program, School of Postgraduate Studies, Universitas Pendidikan Indonesia, to have you as our keynote speakers, presenters, and participants coming from different parts of Indonesia and other countries.

This conference elevates a theme "The Direction of Elementary Education in the Future Challenge". This theme is intended to accommodate various interests and expertise in the field of elementary education. Thus, discussions on elementary education in the framework of innovation will yield multifaceted outcomes. The researchers are expected to explain how the innovation of their research can serve as a basis for improving the quality of elementary education. Also, the conference is an effort to build a better quality of education and prepare the strategies to face the challenges that the scope of elementary education will face in the future.

We are very grateful to have two Keynote Speakers and six Invited Speakers that will certainly enhance our knowledge and understanding about the research and teaching related to the theme of this international conference. I would like to take this opportunity to thank them.

Keynote Speakers:

1. Prof. Dr. Wouter van Joolingen (Utrecht University, Netherlands)
2. Asst Prof. Choy Ban Heng (Nanyang Technological University, Singapore).

Invited Speakers:

1. Prof. Turmudi, M.Ed., M.Sc., Ph.D. (Universitas Pendidikan Indonesia)
2. Prof. Dr. Bunyamin Maftuh, M.Pd., M.A. (Universitas Pendidikan Indonesia)
3. Prof. Dr. H. Sapriya, M.Ed. (Universitas Pendidikan Indonesia)
4. Drs. Herli Salim, M.Ed., Ph.D. (Universitas Pendidikan Indonesia)
5. Dr. Mubiar Agustin, M.Pd. (Universitas Pendidikan Indonesia)
6. Safitri Yosita Ratri, S.Pi., M.Pd., M.Ed. (Universitas Negeri Yogyakarta)

In this opportunity, I would also like to extend my gratitude to all presenters in parallel sessions and participants of this conference; you make this conference lively and vibrant. Thanks, are also due to The Rector, vice Rectors and the Director of the School of Postgraduate Studies of Universitas Pendidikan Indonesia for their invaluable and continuous support to make this conference happen.

The Head of elementary education study
program, school of postgraduate studies
Universitas Pendidikan Indonesia

Prof. Dr. päd. Wahyu Sopandi, M. A

KEYNOTE SPEAKERS



Wouter Reinder van Joolingen is full professor in Mathematics and Science Education at the Freudenthal Institute for Science and Mathematics Education. He teaches at the Freudenthal Institute for Science and Mathematics Education, Faculty of Science, Utrecht University. He Completed Master of Science in Theoretical Physics. Leiden University, 1987. As for the PhD. at Eindhoven University of Technology, 1993. His research focusses on Science Education. Central in his research are the concepts of Scientific Citizenship, Inquiry Learning and Modeling within the context of mathematics and science education. In the research he design and evaluate ICT applications directed at the development of scientific skills and attitudes. This has resulted in applications such as such as SimQuest, Co-Lab and SCY, all funded by the European Union. Moreover, he was interested in the way such new developments find the way to classrooms. This involves studying the processes in Teacher Design teams and Lesson Study teams.

Choy Ban Heng, is an assistant Professor of Mathematics and Mathematics Education Academic Group, NIE. He completed his PhD (Mathematics Education), University of Auckland NZ, 2015. He is currently a member of the Association for Supervision and Curriculum Development (ASCD) Singapore. He started his career in 2000 as Mathematics teacher, River Valley High School, Singapore. After that he became Head (Special Projects), River Valley High School, Curriculum Policy and Pedagogy Officer, Part-time lecturer, School of Science, University of Auckland, and became Assistant Professor. In 2020 he got the award because his team won the NIE NEXUS Award. While the research areas are in the fields of Mathematics Teacher noticing, teacher education, mathematics teaching practices, Lesson study, mathematics teacher professional development, Mathematics task design, assessment in mathematics, use of technology, STEM Education (STEM curriculum integration and computational thinking), Design- based research.



RUNDOWN THE 4th INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION (ICEE 4)

Conference Day (November 27th, 2021)

No	Time	Duration	Description	PIC	Location
1	07.00 – 08.10	70 ‘	Preparation	Committees	Main Room
2	08.10 – 08.15	5 ‘	Opening Ceremony	MC	Main Room
3	08.15 – 08.20	5 ‘	Opening Prayers	MC	Main Room
4	08.20 – 08.25	5 ‘	Playing Indonesian Anthem “Indonesia Raya”	Operator	Main Room
5	08.25 – 08.35	10 ‘	Welcoming Remarks by: Organizing Committee	MC	Main Room
6	08.35 – 08.45	10 ‘	Rector of Indonesia University of Education	MC	Main Room
7	08.45 – 08.52	7 ‘	Playing The Profile Video of Indonesia University of Education	Operator	Main Room
8	08.52 – 09.00	8 ‘	Information Delivery	MC	Main Room
9	09.00 – 09.50	50 ‘	Plenary Session Keynote Speaker Prof. dr. W.R. (Wouter) van Joolingen Utrecht University	Moderator	Main Room
	09.50 – 10.40	50 ‘	Keynote Speaker Asst. Prof. Choy Ban Heng Nanyang Technologist University	Moderator	Main Room
10	10.40 – 10.50	10 ‘	Information Delivery And Conditioning	MC	Main Room to Breakout Room

No	Time	Duration	Description	PIC	Location
11	10.50 – 12.00	70 ‘	Semi Parallel Session 1. Prof. Turmudi, M.Ed., M.Sc., Ph.D 2. Drs. H. Herli Salim, M.Ed., Ph.D	Moderator 1	Room 1
			1. Prof. Dr. Bunyamin Maftuh, M.Pd., M.A 2. Safitri Yosita Ratri, S.Si., M.Pd., M.Ed	Moderator 2	Room 2
			1. Prof. Dr. H. Sapriya, M.Ed 2. Dr. H. Mubiar Agustin, M.Pd	Moderator 3	Room 3
12	12.00 – 13.00	60 ‘	Break Session Information Delivery	MC	Main Room
			Quiz and Doorprize	Operator and Committee	
			Presence	MC and Committee	
			Playing The Profile Video School of Postgraduate Study UPI	Operator	
13	13.00 – 15.00	120 ‘	Parallel Session Presentation, QnA, and Conclusion	Moderator 1 Moderator 2 Moderator 3 Moderator 4 Moderator 5 Moderator 6 Moderator 7 Moderator 8 Moderator 9 Moderator 10	Room 1 Room 2 Room 3 Room 4 Room 5 Room 6 Room 7 Room 8 Room 9 Room 10
14	15.00 – 15.30	30 ‘	Winner Announcement, Presence and Closing	MC and Committee	Main Room

THE COMMITTEE

Based on SK Director of Postgraduate School Studies

Number 0414A /UN40.SPs/HK.04/2021

About

Committee appointment of The 4th International Conference On Elementary Education (ICEE-4) Elementary Education Study Program, School of Postgraduate studies, Universitas Pendidikan Indonesia

The Person in Charge : Prof. Dr. Päd. H. Wahyu Sopandi, M.A.

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2. Siti Alfi Nurdinilah, S. Pd.

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Wili Karlina, S. Pd.

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Vegyta Tresya Putri Sukmana, S. Pd.
Ayu Wandira, S. Pd.
Rifyan Firdaus, S. Pd.
Raka Nurmawan, S. Pd.

Reviewer

: Dr. Achmad Syamsudin, M. Pd.
Al Jupri, M.Sc., Ph.D
Andi Dian Rahmawan, S.S., M.A.
Dr. Arrofa Acesta, M.Pd.
Dr. Atep Sujana, M. Pd.
Dr. Dede Margo Irianto, M.Pd.
Eli Hermawati, M.Pd.
Fikri Yanda, M.Pd.
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Dr. Mubiar Agustin, M.Pd.
Ndaru Mukti Oktaviani, M.Pd.
Nuur Wachid Abdul Majid, S.Pd., M.Pd.
Dr. Prana Dwija Iswara, M.Pd.
Tito Sugiharto, S. Kom., M. Eng

Keynote Speakers

: Prof. dr. W.R. (Wouter) van Joolingen
Asst Prof. Choy Ban Heng

Plenary Speakers

: Prof. Turmudi, Ph.D.,
Safitri Yosita Ratri, S.Si., M.Pd., M.Ed.
Drs. H. Herli Salim, M.Ed., Ph.D.
Prof. Dr. Bunyamin Maftuh, M.Pd., M.A.
Prof. Dr. H. Sapriya, M.Ed.
Dr. H. Mubiar Agustin, M.Pd.

PARALLEL SESSION ROOM

The 4th International Conference on Elementary Education
Bandung, November 27, 2021

ROOM : 01

CODE : 01_Presenter's Name

No.	Name	Title
1	Mutiara Karima	The Implementation of Digital Literacy at Elementary School Level During Pandemic (Case Study of Pekalongan Christian Elementary School)
2	Hendrik Pandu Paksi	Parents' Participation in Strengthening FAST Character through Learning from Home program
3	Rika Rahayu	The Psychological Conflict of the Main Character and the Value of Character Education in the Novel Shoes Dahlan by Kharsna Pabichara and its Relevance to Indonesian Language Learning in Elementary Schools (Study of Literary Psychology)
4	Dinda Ayu Wulandari	Implementation of The Rebo Nyunda Program at SDIT Al-Taftazani in Pedagogical Studies
5	Pamela Mikaresti and Herlinda Mansyur	Creating An Archipelago Creation Dance for Elementary School Aged Children
6	Martines	Comparing The Effect of Open-Ended and Scientific Approaches on Elementary School Students' Mathematical Connection Skill
7	Sarah Fazilla	The Influence of Digital Literacy and Technological Content Knowledge (TPACK) Prospective Basic Education Teacher Effects In Developing Science Learning Tools
8	Ummu Fauziyyatun Amatullah	Elementary School Teachers' Self-Efficacy Toward Teaching Writing
9	Zaenal Abidin	Why did elementary students have difficulty working on mathematical literacy questions?
10	Yeni Dwi Kurino	Ethnomathematical Exploration of the Panjalin Traditional House in Majalengka
11	Azmi Siwi Rahmawati	Students Difficulties in Solving Fraction Operations in Elementary School

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ROOM : 02

CODE : 02_Presenter's Name

No.	Name	Title
1	Lina Herlina	Analysis of Implementation of the 2013 Curriculum in Elementary School on Teacher's Capabilities in The Field of Pedagogic Competence
2	Lungguh Puri Pramswari	Application of the Nature of Science in Elementary Science Learning During the Covid-19 Pandemic
3	Putri Rachmadyanti	East Java Local Wisdom Preservation Efforts Through Extracurricular Activities in Elementary Schools
4	Rifandi Perdana	Poetry Writing Skills Assisted by Natural Media in Class V Elementary School
5	Miranda Abung	Analysis of Elementary Mathematics Books Based on The Implementation of Guided Inquiry Model Process Skills
6	Ratu Anggia Intan Monica	The Skills of Rewriting Folklore in Class IV Elementary School Students with Video-Assisted
7	Riduan Febriandi	Analysis of Mathematical Reasoning Ability and Mathematical Creative Thinking Elementary School Students in Solving Story Problems
8	Ika Dwi Lestari	The Analysis of Family-Based Curriculum Towards the Implementation of Islamic Value at Bani Hasyim Islamic School, Malang City
9	Wisnu Zakaria	The Comparison of Information and Communication Technology (ICT) Learning Results Between Hybrid Learning Systems and Face-To-Face Learning Systems for Elementary School Students
10	Dita Hardiyanti	The Application of The Student Teams Achievement Division (STAD) Cooperative Learning Model on The Ability to Understand the Concept of Elementary School Students
11	Deni Nurdiansyah	Teacher's Strategy Using Environmental Media as A Learning Source In Improving Critical Thinking of Elementary School Students
12	Tia Sritiawati	Student Responses to the Implementation of the Read-Answer-Discuss-Explain-Crate Learning Model through the Zoom Meeting Application

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ROOM : 03

CODE : 03_Presenter's Name

No.	Name	Title
1	Siti Masitoh	Analysis of The Nature of Science on The Thematic Book of Elementary School Fifth Grade Heat and Its Displacement
2	Yesiska Mikaris Citra Tamara	Obstacles Experienced by Students in Online Mathematics Learning in Elementary School
3	Ratna Dila Cahyaningsih and Mariza Putri Sari Dewi Ningsih	an Analysis of Teachers' Perceptions in Developing Elementary School Students' Creative Thinking Through Science Learning Media
4	Ika Rahmawati	Mathematical Literacy Skills of Elementary Teacher Education Students Through "Mathematics in Life" Approach
5	Galih Dani Septiyan Rahayu	A Microsoft Excel-Based Cultural Guessing Game on Cultural Knowledge of Elementary School Students. Is It Effective?
6	Najwa Syarofa	Stem-Based Information Literacy Design to Prepare Learners in The Face of The Industrial Revolution 4.0: Literature Review
7	Dhea Putri Pratiwi	The Effect of Guided Inquiry Learning Model on Ecoliteracy of Elementary School Students
8	Kartika Putri Agustin	Development of Scientific-Based Interactive Powerpoint Media to Improve Process Skills of Elementary School Students
9	Muhammad Agus Tri Wibowo	The Study of Humanistic Personality Psychology of The Main Character of The Novel Si Anak Pelangi by Tere Liye: The Value of Character Education and Its Relevance to Learning
10	Noviana Budianty	Analysis of Teaching Style of Higher Grade Teachers In Narrative Writing Learning In Wado District
11	Laely Farokhah	The Need Analysis of Mathematics Teaching Materials Based on Mathematical Proficiency in Elementary School
12	Rian Puji Asri	Improving the Quality of Mathematics Learning in Elementary School Using a Scientific Approach

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ROOM : 04
CODE : 04_Presenter's Name

No.	Name	Title
1	Ernawati	Understanding Multiplication: Should We Memorise It or Not?
2	Farida Istianah	The Importance of Implementing Character Values in Learning in Elementary Schools
3	Rizal Saepulloherawan	The Gang Phenomenon in Elementary School
4	Prana Dwija Iswara	Creating Suitable Light HTML Initial Reading Application
5	Mia Zultrianti Sari	The Effect of Parent Attention (Gadget Facilitation) on Students' Learning Motivation During the Covid-19 Pandemic in SD Negeri 3 Maniskidul Academic Year 2020/2021
6	Sabila Idzni Suryana	The Analyse of Concept Understanding of 5th Grade Elementary School Student towards Air in Science Subjects by Using Blended Learning
7	Esmi Tsalsa Sofiawati	Evaluation of Online Learning at SDIT Adzkie 2 Sukabumi
8	Haidhar Reizal	Analysis of Elementary Teachers Understanding on Ijen Geopark
9	Teten Ginanjar Rahayu	Mathematics Textbook Analysis of Fractional Materials Using Praxeological Model
10	Rani Suryani	Content Analysis of the Nature of Science in Learning Books the Theme in the 2013 Lower Grade Elementary School Curriculum
11	Sutisna Permana	Implementation of Student Worksheet Oriented to Critical Thinking Skills on Heat Transfer Material
12	Faraditha Dwi Ramayani	Elementary School Teacher Problems in Learning to Write Narrative Text during the Covid-19 Pandemic

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ROOM : 05

CODE : 05_Presenter's Name

No.	Name	Title
1	Lita Ariyanti	The Pattern of Parental Assistance in The Pandemic Era in Surabaya Elementary Schools
2	Diah Widayani	Character Education Analysis on the 4th Grade Elementary School's 2013 Curriculum Instructional Materials in Legend Text
3	Rafika Aqmarina	Analysis of Beginning Reading Difficulties of Elementary School Class II Students
4	Nadila Dirgantari	Adaptation of Bandung Masagi Local Wisdom Values in Literature Learning in Elementary School
5	Roni Wahyu Wandani	The Effectiveness of the RADEC Learning Model Assisted by Digital Comics Media on Student Learning Outcomes and Interest in Learning
6	Ayu Nuraeni	The application of the RADEC learning model to the speaking skills of V grade elementary school students with audiovisual media on the theme of humans and the environment.
7	Devi Septiani Putri	Elementary School Students' Science Learning Motivation Through RADEC Model
8	Rahmat Iqbal	Listening Learning Conditions in Indonesian Learning in Class III Elementary School
9	Arie Rakhmat Riyadi	Problems and Alternative Solutions in the Implementation of Guidance and Counseling in Elementary Schools in Indonesia
10	Aulia Akbar, Iman, Panji Maulana	Application of Cooperative Learning Type of Numbered Heads Together (NHT) to Increase Interest and Learning Outcomes in Economic Activities
11	Raka Nurmawan Pratama	Application of the Mind Map Model to Improve Students' Understanding of Indonesian Ethnic and Cultural Diversity Materi
12	Sri Wahyuni Ulfah	Students' Critical Thinking Ability to Solve HOTS Oriented Subject Matter About Heat Transferring in The Fifth-Grade Students of SDN Girimukti

**The 4th International Conference on Elementary Education
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ROOM : 06

CODE : 06_Presenter's Name

No.	Name	Title
1	Vera Ironita Christiani Sihombing, Prana Dwijia Iswara	Effects of Project Based Learning Model Assisted by Picture Media on Advertising Text Writing Skills.
2	Winarti Dwi Febriani, Riza Fatimah Zahrah, Geri Syahril Sidik	The Analysis of Students Learning Obstacles on Mathematical Reasoning and Creative Thinking Skills for 5th Graders of Elementary Schools
3	Yanti Fitria	An Analysis of Mathematics-Integrated Scientific Literacy Competence of In-Service Teachers in Elementary School
4	Yuni Sri Rahayu	Analysis of Student's Critical Thinking Ability through the Application of the Radec Model in Elementary School
5	Nasrah Nasrah, Fitri Yanty Muchtar	Online Learning: Pengaruh Badges Digital Pembelajaran Tematik terhadap Hasil Belajar
6	Nuri Annisa	Powtoon Animation Video as Financial Literacy Education Media
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9	Ade Yulianto, Ari Widodo, Ernawulan Syaodih	Disclosure of Sustainability Consciousness in Elementary School Students: Application of Education for Sustainable Development Through the Introduction of Green Behavior
10	Delia Indrawati	Critical Thinking in Elementary Mathematics Learning Process: Teacher's Perception
11	Dini Anggraeni	The Influence of Creative and Fun Learning Models Through Project Based Learning (PjBL) Methods on Increasing Student Achievement
12	Syarifah Rida Nura	The Effect of the RADEC (ReadAnswer-Discuss-Explain-Create) Learning Model on the Reading Comprehension Skills of the Fifth Grade Elementary School Students

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1	Sapikzal Pratama, Eko Ardiyanto, Mubiar Agustin	Effectivity of Model Project Based Learning (PjBL) type Make Crossword Puzzle Project to improve 5th grade Elementary Student Collaboration Skills
2	Siti Alfi Nurdinilah	Students' Critical Attitude through Practicum Videos Based on the RADEC Model on The Topic of Water Cycle in Elementary Schools
3	Sri Melinda	STEM in Science Learning in the Era of the Industrial Revolution 4.0
4	Trini Andira, Tatang Herman	Analysis of Mathematics Textbook Class V Based on Bellâ€™S Criteria
5	Marlina Simbolon, Eli Hermawati, Sindi Ladya B.	The Effect of Using Ludo Boardsgames Learning Media on Students' Concept Understanding Ability
6	Meilani Safitri	Online Learning in Elementary School in Pandemic Era
7	Mohamad Jajuli, Rahmat Hidayat, Adit Kurniawan, Enjang Ahmad Juanda	Developing visual basic-based science learning media technology at SDN 1 Telukjambe Karawang
8	Mohamad Jajuli, Rahmat Hidayat, Adit Kurniawan, Enjang Ahmad Juanda	Developing Learning Media Application for Industrial Automation Through TPACK Approach (Technological, Pedagogical, and Content Knowledge)
9	Nuraini Usman, Marwan Pulungan, Makmum Raharjo, M. Sofwan	Teaching Materials of Thematic Learning Model Based on Innovative Models to Develop Teaching Ability of Students
10	Angga Maulana	Identifying Elementary Students Collaboration Skill Throught the Daily Class Picket
11	Aulia Alfathin, Nuur Wachid A. M., Wahyu Naldi, Vidanisa N.	Callenges and Opportunities of the Implementation Limited Face-to-face Learning in the Elementary School
12	Adi Pauji Pitriadi	Implementation of Ki Hadjar Dewantara's Education Concept in Implementing Student Character in Class IV Elementary School
13	Vegyta Tresya Putri Sukmana	Teacher Problems in Learning to Write Exposition Text in Elementary School

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2	Hatma Heris M., Fajar Nugraha, Riga Zahara N.	Analysis of the Effectiveness of DLM (Digital Learning Material) as a Learning Media
3	Jendriadi Jendriadi, Amrizal Efendi	Peningkatan Keterampilan Menulis Narasi Menggunakan Model Picture and Picture Berbantuan Zoom Meeting di Kelas III SD Incasi Raya Gunas 01 Pesisir Selatan
4	Laurens Kaluge	The Determinants of Active Instruction at Indonesian Elementary Schools as Perceived by Teachers
5	Ayu Wandira	Strengthening Character Education Through Daily Habituation Activities
6	Dadan Nugraha, Enung Siti Nurjanah	The Urgence of Digital Media Development Based on "Motion Graphic" for Early Children
7	Dine Trio R, Mubiar Agustin, Udin Syaefudin Saud, Johar Permana	Pengaruh Kepemimpinan Kelapa Sekolah terhadap Kinerja Mengajar Guru Sekolah dan Dampaknya pada Mutu Sekolah Di Kabupaten Lebak-Banten
8	Fadhila Ikrima S, Sapriya	Design Learning Media of Traditional Game Quartet Card for Elementary School History Figures in the Resistance to the Netherland
9	Wilujeng Dewi Latiifah Hasan	Analysis of the Use of Science-Based Mind Mapping in Elementary Schools
10	Ade Setiawan	The Effect of The Application of The model Problem Based Learning on Critical Thinking Ability in Social Science Lessons in Class IV Of Elementary 2 Pesanggrahan
11	Taofik Andi Rachman	Curriculum Simplification and Subject Reduction to Improve the Quality of Indonesian Education
12	Tio Gusti Satria, Rahman	Integrative Thematic Module with Ethnopedagogic-Based Blended Learning Model in Grade 1 Elementary School
13	Gustiayu Juita Harun	Analysis of Conceptual Understanding of Grade V Elementary School Students on Water Material through RADEC Learning

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2	Dwi Kurniasih	Mathematics Learning during the Pandemic Era in Elementary School (Teacher's Perspective)
3	Wasi Widiastika	The Virtual Initial Reading Teaching and Learning Process during Covid-19 Pandemic
4	Murni Sanubari	Utilization of Social Media for Writing Learning in Elementary School
5	Intan Risfi Fauziah	STEAM-Based PjBL Learning During The COVID-19 Pandemic
6	Irfan Jaenudin	Profile of Scientific Attitude of Elementary School Students in RADEC Model Science Learning with The Water Theme
7	Riska Herdiyanti Damanik	Student's Learning Interest Analysis of Mathematics Learning in The New Normal Era
8	Ahmad Rosyidi	The Application of the Read-Answer-Discuss-Explain-Create Learning Model Through the WhatsApp Application to Increase the Creativity of Grade 5 Students in Movement Materials
9	Wili Karlina R	Ecoliteracy Awareness of Elementary School Student in Waste Management
10	Imas Farida Kurnia	The Usage of Sumpit Ajaib and Kerling to Improve Mathematics Learning Outcomes of Grade II Elementary School Students

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2	Riska Nurhasanah, Tatang Herman, Aan Yuliyanto, Hanifah Nuryani	Elementary School Students' Mathematical Anxiety During the Covid-19 Pandemic
3	Sriwianti, Mubiar Agustin	Ecopedagogy-Based Teaching Materials Development To Train Social Skills and Sustainability Awareness of Grade IV Elementary Students
4	Tiyas Puji Setianti, Tatat Hartati	The Correlation of the Ability to Read with a Beginning Writing in Elementary School
5	Riva Ayuningtyas	Scaffolding Writing Model Based on Diary to Improve Moral Intelligence for Elementary School Students
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8	Nabella Alani, Wahyudin	Students' Learning Motivation in Online Learning System during Covid-19 Pandemic
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These proceedings represent the work of researchers participating in The 4th International Conference on Elementary Education (ICEE) 2021 which is being hosted by the Elementary Education Study Program School of Postgraduate studies, Indonesia University of Education, held on 27th November 2021.

ICEE 2021 has the theme of "The Direction of Elementary Education in the Future Challenge". ICEE 2021 is an event on the international research conference agenda and provides a valuable platform for individuals to present their research findings, display their work in progress and discuss conceptual and empirical advance in the areas of Elementary Education.



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