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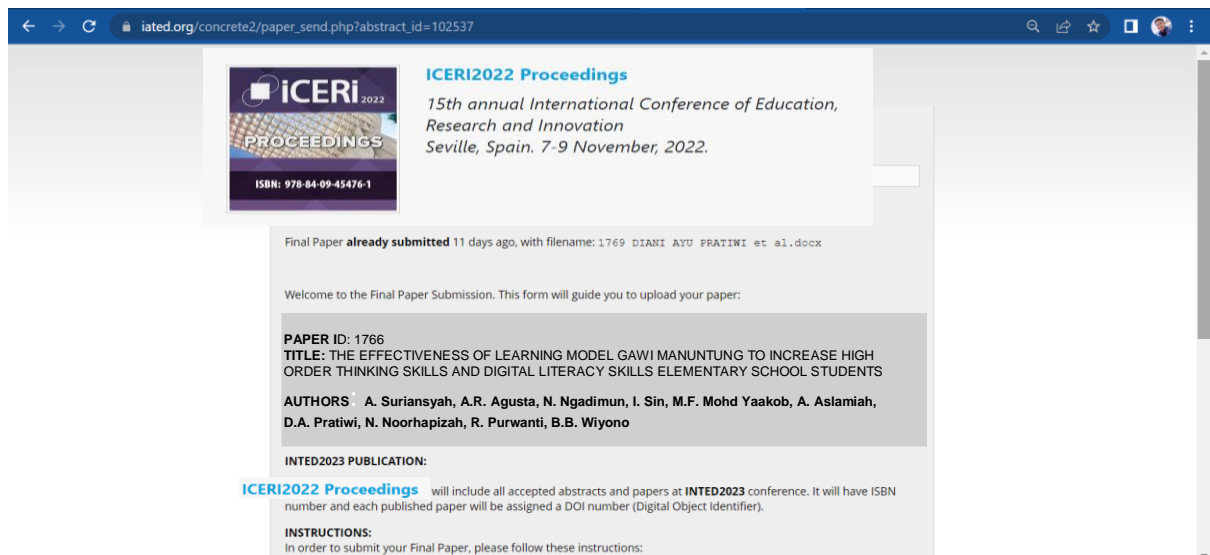
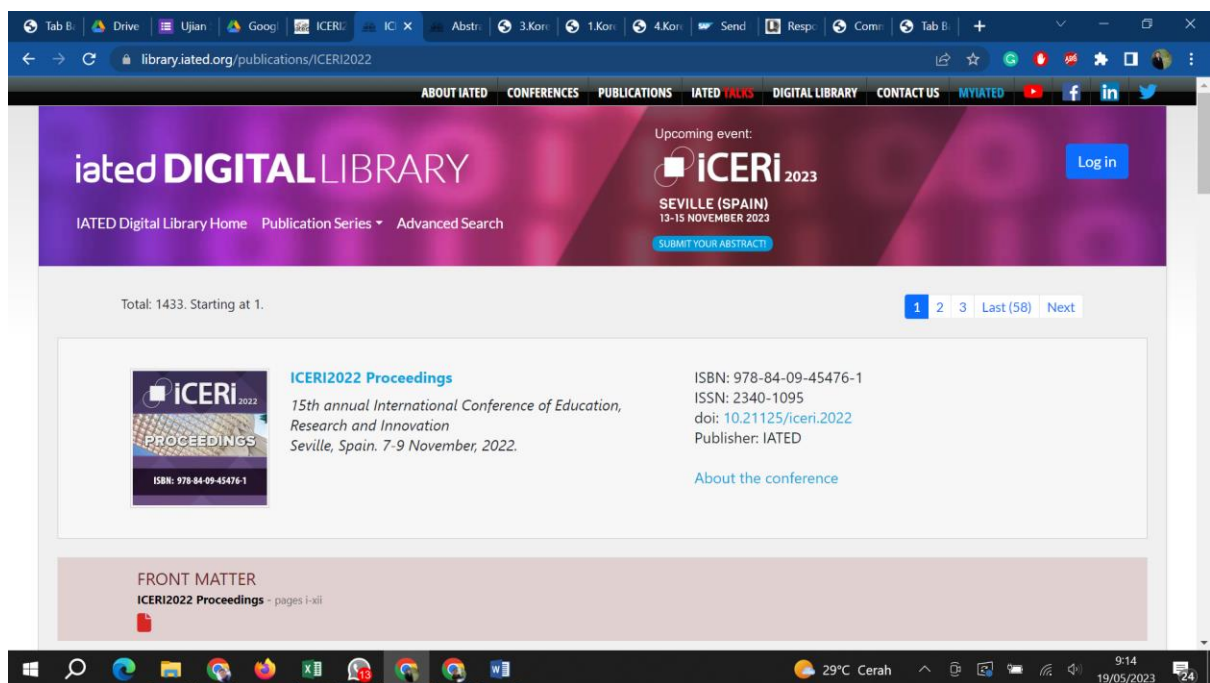
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10. BAMBANG BUDI WIYONO

Judul Artikel : THE EFFECTIVENESS OF LEARNING MODEL GAWI MANUNTUNG TO INCREASE HIGH ORDER THINKING SKILLS AND DIGITAL LITERACY SKILLS ELEMENTARY SCHOOL STUDENTS

Jenis Publikasi: Prosiding Seminar Internasional Terindeks Web of Sciences (WOS)

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Sep 23, 2022, 10:13AM

Dear Mr Agustia,

You have successfully submitted the final paper of your abstract with ID: 1311.
Please, remember that the contributions will only be published at ICERI2022 Proceedings if at least one of the authors of the paper is registered before September 22, 2022.
Online Registration is available at: [iated.org/iceri/register](#)

Thank you for your cooperation.

Yours sincerely,

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----- Pesan yang Diteruskan -----
Dari: ICERI2022 <iceri2022@iated.org>
Kepada: "A. Suniansyah" <iceri2022@yahoo.co.id> "A. Suniansyah" <iceri2022@yahoo.co.id>
Terakhir: Senin, 29 Agustus 2022 04:12 WIB
Judul: ICERI2022 - Abstract Notification

Dear Prof Ahmad Suniansyah,

We are delighted to inform you that your submitted abstract for ICERI2022 has been accepted.

- Abstract id: 2198
- Abstract title: THE EFFECTIVENESS OF LEARNING MODEL GAWI MANUNTING BASED ON MULTIPLE INTELLIGENCES IN TERMS OF STATISTICAL LITERACY ABILITY AND SCIENTIFIC SKILLS OF ELEMENTARY SCHOOL STUDENTS
- Accepted format: VIRTUAL

The list of accepted abstracts is available at [iated.org/iceri/list_of_accepted_abstracts](#)
You can also check the status of your abstracts and download your acceptance letter by entering your email and password in the Abstract/Paper on-line form at: [iated.org/iceri/submit](#)

In addition, we wish to take this opportunity to inform you about some important elements that authors should consider:

- **Deadline for on-line registration and fee payment: September 22nd, 2022, (included)**
In order to guarantee the quality of the Conference Technical Program, authors are required to confirm their participation by completing their on-line registration and payment. The deadline is September 22nd, 2022, (included). You can register at [iated.org/iceri/register](#)

- **Deadline for Final Paper submissions: September 22nd, 2022, (included)**
If you wish to submit a final paper for your accepted contribution, you should download your personalized final paper template, which includes your title and author details at [iated.org/iceri/submit](#). In the case of your final paper not being submitted, your accepted abstract will be included in ICERI2022 Proceedings. Please note that all final papers should be submitted in line with the final paper template.

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-Deadline for Virtual presentation submissions: October 6th, 2022. (included)

The submission of a virtual presentation is recommended to provide more visibility to your paper. Authors can submit their virtual presentation in any of the following formats: Video (mp4), presentation slides (ppt, pdf) or poster (pdf). Virtual presentations should be made on-line by entering your email and password at [http://iaterd.org/iceri/submit](mailto:iceri@iaterd.org)

More information about oral, poster and virtual presentations submission is available at [iaterd.org/iceri/instructions](mailto:iceri@iaterd.org)

NOTE: The contributions whose authors have not completed the registration process and payment before September 22nd, 2022 will not be considered for publication in **ICERI2022 Proceedings**

Thank you for your interest in **ICERI2022**.
We look forward to your participation.

Kind regards,

ICERI2022 Organising Committee
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to me

Mon, Aug 29, 2022, 3:59 AM

Dear Mr Akhmad Riandy Agustia,

We regret to inform you that the following abstracts were not accepted for **ICERI2022**:

- Abstract id: 1311
- Abstract title: THE EFFECTIVENESS OF LEARNING MODEL GAWI MANUNTUNG TO INCREASE HIGH ORDER THINKING SKILLS AND DIGITAL LITERACY SKILLS ELEMENTARY SCHOOL STUDENTS

- Abstract id: 2199
- Abstract title: GAWI SABUMI LEARNING MODEL: INNOVATION OF NEW LEARNING MODEL ON ELEMENTARY SCHOOL TO INCREASE THEMATIC UNDERSTANDING CONCEPTS

Note: The strict relation with **ICERI2022** topics was an important aspect in this selection. In addition, other points evaluated included the scientific quality of contents, clarity of presentation, originality, syntax and grammar, relevance and structure of the contribution.

We wish to thank you for your interest in contributing to this event and we hope to count on your participation in future conferences.

Kind regards,

ICERI2022 Organising Committee
Email: iceri2022@iaterd.org
Website: [iaterd.org/iceri](mailto:iceri@iaterd.org)

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Reminder: October 6th - Deadline for Virtual presentation submission

ICERi2022 <iceri2022@iased.org>
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Mon, Oct 3, 2022, 6:41AM

Dear author,

First of all, we wish to thank you for your interest in contributing to ICERi2022.

As you should already know, in addition to the abstract and paper submission, virtual participants will be able to submit the presentations of their works. The submission of a virtual presentation is strongly recommended to provide more visibility to your contribution.

Please note that virtual presentations will be asynchronous and will be available on-demand on the Technical Program, classified by Topic Tracks. This will allow each participant to have access to all virtual presentations during and after the event.

The deadline for submitting your virtual presentations is **October 6th**. Submissions should be made at https://iased.org/iceri/online_submission

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- **Presentations slides** (PowerPoint or pdf). Authors can submit a PowerPoint or pdf file with the paper presentation slides. There is not a specific template for presentations and participants can adopt the one of their preference. The recommended number of slides is 15-20.
- **Poster (pdf)** A one-page poster summarizing the results and conclusions of your paper. It should include a good combination of text, pictures, and graphics.

Please, note that the maximum size is 50 Mb for each file.

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During ICERi2022, different chat channels will be open where authors and attendees can actively discuss their presentations and materials. Furthermore, a private chat will allow participants to send messages to each other or to request a virtual meeting. More information about the Final Program will be provided shortly.

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- **Video (mp4)** A pre-recorded video with the paper presentation. The recommended length for video presentations is 15 minutes.
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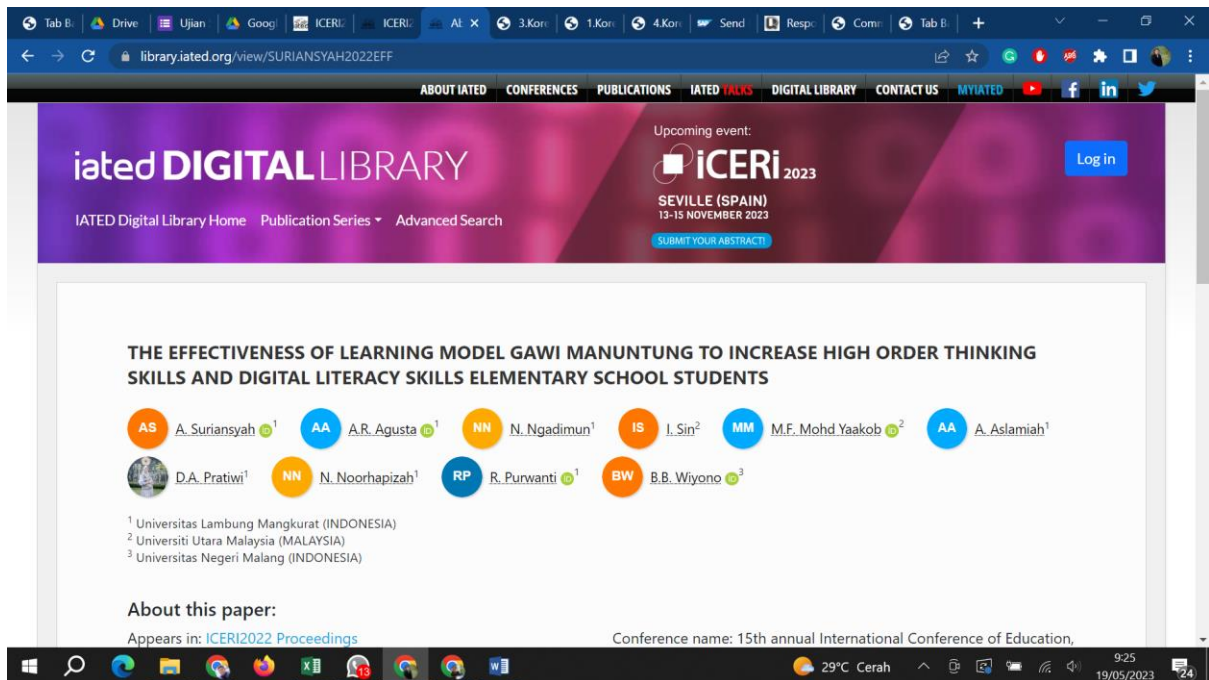
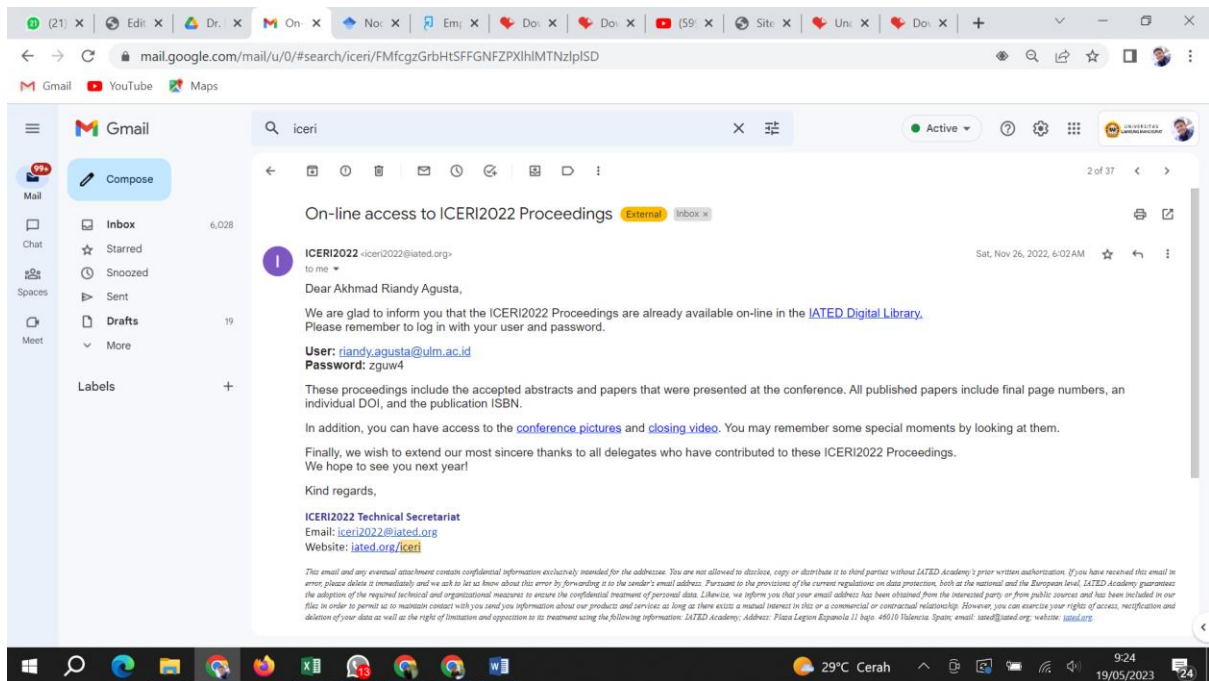
Thank you for your cooperation. We look forward to your participation at ICERi2022.

Kind regards,

ICERi2022 Technical Secretariat
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Appears in: [ICERI2022 Proceedings](#)
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Pages: 5389-5400
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ISSN: 2340-1095
doi: [10.21125/iceri.2022.1311](#)

Conference name: 15th annual International Conference of Education, Research and Innovation
Dates: 7-9 November, 2022
Location: Seville, Spain

Cite ▾

Abstract:

High order thinking skills and digital literacy are the important skills on the society 5.0 era. It must develop from elementary school students. Based on the result of Programme for International Student Assessment (PISA), more than 70% Indonesian students unable to answer the high order thinking skills question. The result make Indonesia reach ranked 68 out of 74 countries. Beside that, according to the survey of Indonesian communication and information ministry, digital literacy in Indonesia has not reach yet "good" level. According to observation and interviews with 500 elementary school teachers in South Borneo Indonesia, less than 35% of teachers design learning activity based on high order thinking skills and digital literacy. The solution is the innovative learning model is given the acronym GAWI MANUNTUNG, which stands for Group, Analysis, Work together, Inform, Solve the problem on outdoor, Actualization of the solution, Battle games, Unity on role play, Manage conclusion and Invent the creation. The GAWI MANUNTUNG model was designed based on the culture and the local wisdom of the Banjarmasin people. GAWI MANUNTUNG on Banjarmasin language means work together until we get the best result. This research described the effectiveness of of society 5.0 skills using the GAWI MANUNTUNG learning method for fifth-grade students of Public Elementary School.

We use the Research and Development (R&D) mixed with the classroom action research method. The Research and Development uses the 10 stage designed by Borg and Gall (research information, planning, designing the product, preliminary field testing, revision, main field testing, revision, operational field testing,

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We use the Research and Development (R&D) mixed with the classroom action research method. The Research and Development uses the 10 stage designed by Borg and Gall (research information, planning, designing the product, preliminary field testing, revision, main field testing, revision, operational field testing, final revision, dissemination) and to explore the effectiveness of learning model GAWI MANUNTUNG, we use the classroom action research designed by Kemmis and Mc Taggart (planning, implementing, observing, reflecting) with 6 cycles. The subjects include 100 students of fifth grade elementary school students in 4 elementary school from 4 regency on South Kalimantan Indonesia. Importantly, the research variables high order thinking skills include problem solving (PS), critical thinking (CT), analytical thinking (AT), and logical thinking (LT). And the variable digital literacy include information and data literation (IDL), communication and collaboration (CC), and technology skills (TS). The tests and non-test techniques were used to collect data on students' high order thinking skills and digital literacy which were analyzed qualitatively and quantitatively.

The results showed that:

1) validation score of the learning model by 6 experts was get a very good criteria ($X = 4.87$) ($SD = 0.14$). It means that the learning model GAWI MANUNTUNG is valid, reliable, and feasible to be implemented on the preliminary, main and operational test. There was an increase in high order thinking skills from the pre-cycle stage to cycle 6. The average score in the pre test and post test from cycle 1 and las cycle of Hogh Order Thinking Skills: PS was 34 increased to 98, CT was 42 increased to 97.5, AT was 39 increased to 87, AT was 29 increased to 89, LT was 50 increased to 90.5. The average score in the pre test and post test from cycle 1 and las cycle of digital literacy skills: IDL was 37 increased to 86, CC was 42 increased to 96, TS was 39 increased to 92.

This study concludes that the learning model GAWI MANUNTUNG effective to increase high order thinking skills and digital literacy.

Keywords:

Learning model, GAWI MANUNTUNG, high order thinking skills, digital literacy, elementary school.