

BUKTI KORESPONDENSI
ARTIKEL JURNAL INTERNASIONAL BEREPUTASI

Judul Artikel : Practicality and Efectiveness of the IBMR Teaching Model to Improve Physich
Problem Soving Skills

Jurnal : Journal of Baltic Science Education, 2018, Volume 17, Issue 3, 381-394

Penulis : Siswanto, J, Susantini, E, Jatmiko, B

No.	Perihal	Tanggal
1.	Bukti konfirmasi submit artikel dan artikel yang disubmit	7 Januari 2018
2.	Bukti konfirmasi review dan hasil review pertama	14 Januari 2018
3.	Bukti konfirmasi submit revisi pertama, respon kepada reviewer, dan artikel yang diresubmit	24 Januari 2018
4.	Bukti konfirmasi artikel accepted	2 Mei 2018
5.	Bukti konfirmasi artikel published online	1 Juni 2018



jokosiswanto upgris <jokosiswanto@upgris.ac.id>

Your manuscript has been received - JBSE-19160-2018-R1

1 pesan

EditorialPark <submissions@editorialpark.com>

7 Januari 2018 pukul 20.34

Balas Ke: jbse@scientiasocialis.lt

Kepada: Joko Siswanto <jokosiswanto@upgris.ac.id>

Dear Dr. Joko Siswanto,

We have received your submission. Thank you for your interest in Journal of Baltic Science Education.

We are currently evaluating the quality and originality of your work. We will inform you as soon as there is a change in editorial status.

Title: Practicality and Effectiveness of the IBMR Teaching Model to Improve Physics Problem Solving Skills

Authors: Siswanto, J, Susantini, E, Jatmiko, B

Please refer to your manuscript registration number **JBSE-19160-2018-R1** in all your official correspondence.

Sincerely,
Editorial Office

Journal of Baltic Science Education

<http://www.scientiasocialis.lt/jbse>



jokosiswanto upgris <jokosiswanto@upgris.ac.id>

Your revised manuscript - JBSE-19160-2018-R1

1 pesan

EditorialPark <submissions@editorialpark.com>
20.34 Balas Ke: jbse@scientiasocialis.lt
Kepada: Joko Siswanto <jokosiswanto@upgris.ac.id>

14 Januari 2018 pukul

Dear Dr. Joko Siswanto,

Manuscript ID JBSE-19160-2018-R1 entitled " Practicality and Efectiveness of the IBMR Teaching Model to Improve Physich Problem Soving Skills" which you submitted to Journal of Baltic Science Education. I appreciate your patience with the review process. The reviewers noted strengths in the manuscript, particularly its methods and execution; however, the reviewers also expressed concerns about it. Based on the reviewers' responses, I ask that you revise your manuscript to address their comments in a revision. The reviewers were helpful in detailing ways to think about these issues and adjust the manuscript accordingly, so I encourage you to examine their comments carefully as you revise. It is likely I will send your revised manuscript to one of these initial reviewers. As with any manuscript, I cannot guarantee that these efforts will translate to acceptance in Journal of Baltic Science Education.

Thank you for your interest in our journal.

Sincerely,
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Journal of Baltic Science Education

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jokosiswanto upgris <jokosiswanto@upgris.ac.id>

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14 Januari 2018 pukul 20.00

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Kepada: Joko Siswanto <jokosiswanto@upgris.ac.id>

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jokosiswanto upgris <jokosiswanto@upgris.ac.id>

24 Januari 2018 pukul 11.53

Kepada: **EditorialPark** <submissions@editorialpark.com>

Manuscript ID JBSE-19160-2018-R1 entitled " Practicality and Efectiveness of the IBMR Teaching Model to Improve Physich Problem Soving Skills" I was revised my article about research method and step planning.

Thanks

Best Regard
Joko SiswantoRev.JBSE-19160-2018-R1.docx
121.1kB



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Your article revision has been accepted - JBSE-19160-2022-R1

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EditorialPark <submissions@editorialpark.com>

2 Mei 2018 pukul 20.34

Balas Ke: jbse@scientiasocialis.lt

Kepada: Joko Siswanto <jokosiswanto@upgris.ac.id>

Dear Dr. Joko Siswanto,

We have received your revision. Thank you for your interest in Journal of Baltic Science Education.

Title: Practicality and Efectiveness of the IBMR Teaching Model to Improve Physich Problem Solving Skills

Authors: Siswanto, J, Susantini, E, Jatmiko, B

Sincerely,
Editorial Office

Journal of Baltic Science Education

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ACCEPTENCE LETTER JBSE-19160-2022-R1.pdf

136.7kB

ACCEPTENCE LETTER

May 2, 2018

Dear Dr. Joko Siswanto,

Based on the reviewer's recommendations, I am delighted to inform you that your following manuscript has been accepted for the publication in "Journal of Baltic Science Education." Vol.17, Issue 3, 2018.

Title : Practicality and Efectiveness of the IBMR Teaching Model to Improve Physich
Problem Soving Skills

Authors : Siswanto, J, Susantini, E, Jatmiko, B

Receive on : January 07, 2018

Accepted on : May 2, 2018

Thank you very much for submitting your article to Journal of Baltic Science Education

We look forward to receive more article in future.

Sincerely,
Editorial Office

Journal of Baltic Science Education

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Journal of Baltic Science Education

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PRACTICALITY AND EFFECTIVENESS OF THE IBMR TEACHING MODEL TO IMPROVE PHYSICS PROBLEM SOLVING SKILLS

TITLE -

PRACTICALITY AND EFFECTIVENESS OF THE IBMR
TEACHING MODEL TO IMPROVE PHYSICS PROBLEM
SOLVING SKILLS

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Siswanto, J, Susantini, E, Jatmiko, B

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ABSTRACT -

The design of a teaching model must qualify to be applicable or practical and effective, therefore the research aimed to analyze the practicality and effectiveness of the IBMR (Investigation-Based Multiple Representation) teaching model in improving physics problems solving skills of bachelor programs' students. The research was conducted by applying the one-group pre-test and post-test pre-experimental design to 186 students of study program of physics education, mathematics education, and mechanical engineering. The practicality of the model is assessed using an



observation sheet and the effectiveness is determined based on pre-test and post-test physics problem solving skills. The collected data were analyzed using the calculation of average scores of the feasibility of each phase of the IBMR, t-test, and n-gain. The results show that each phase of the IBMR teaching model can be implemented by a lecturer with good and reliable categories, and relevant student activities, so that the IBMR teaching model is practicality qualified. It is also effective shown by: there are increasing score of physics problem solving skills at $\square = 5\%$, average n-gain with moderate categorized and not different or consistent for each pair of groups, and good-categorized students' responses on each component of teaching.

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<http://oaji.net/articles/2017/987-1529508735.pdf>

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DESIGNATION

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