

## Article Correspondence in **International Journal of Automotive and Mechanical Engineering (IJAME)**:

[Int. J. Automot. Mech. Eng.] Submission Acknowledgement

External Inbox x



Assoc. Prof. Dr. Mohd Fadzil Faisae <ijame@umpsa.edu.my>  
to me ▾

Tue, May 28, 2024, 1:22 PM ★ ↶ ⋮

Dear Dr. I Gede Artha Negara,

We have received your manuscript for consideration to publish in International Journal of Automotive and Mechanical Engineering. Thank you for submitting the manuscript, "Thermodynamic Performance Analysis of a 2.5 kW Split Inverter Air Conditioning System using R-410A" to International Journal of Automotive and Mechanical Engineering. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Submission URL: <https://journal.ump.edu.my/ijame/authorDashboard/submission/10774>  
Username: artha\_negara

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Kind regards,  
Assoc. Prof. Dr. Mohd Fadzil Faisae

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International Journal of Automotive and Mechanical Engineering (IJAME)  
<http://journal.ump.edu.my/ijame>

[Int. J. Automot. Mech. Eng.] New notification from International Journal of Automotive and Mechanical Engineering

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Mohd Fadzil Faisae Ab. Rashid <ijame@ump.edu.my>  
to me ▾

Thu, Jun 20, 2024, 12:07 PM ★ ↶ ⋮

You have a new notification from International Journal of Automotive and Mechanical Engineering:

An issue has been published.

Link: <https://journal.ump.edu.my/ijame/issue/current>

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International Journal of Automotive and Mechanical Engineering (IJAME)  
<http://journal.ump.edu.my/ijame>



*Think Green.*  
*Keep it on the screen. If printing is necessary, please print it on both sides.*

[Int. J. Automot. Mech. Eng.] Editor Decision

External Inbox x



Dr. Mohd Yusof Taib <ijame1@umpsa.edu.my>  
to me ▾

Fri, Nov 8, 2024, 12:02 PM ★ ↶ ⋮

Dear Dr. I Gede Artha Negara,

I am pleased to inform you that we have received reviewer comments for your manuscript "Thermodynamic Performance Analysis of a 2.5 kW Split Inverter Air Conditioning System using R-410A".

The reviewers have indicated that the manuscript needs to be improved according to the recommendations. Please carefully address the issues raised in the comments and submit your revised version within two (2) weeks after receiving this email.

Please, also provide a separate "response to the reviews" letter, in which you outline each change made (point by point, in red colour) as raised in the reviewer comments. Provide a suitable rebuttal to each reviewer comment, which is not addressed in the revised version of your manuscript. Please find the attached for the manuscript and reviewer comments for your reference.

Kind regards,

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Reviewer C:  
Recommendation: Revisions Required

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#### Comments to author

To assist the author in revising the manuscript, please provide your comments on the technical aspects. Please comment as much as possible to assist author to improve the manuscript.

The following points to be added

1. Add list of abbreviations and Nomenclature
2. Can you provide a picture of the device?
3. Does the work experimentally or theoretically or both? if yes, add the word (experimentally) to the title
4. Add specification of ATmega 2560
5. Correct the temperature unit of measurement from (32C to degree Celsius) because C is represent to Coulomb)
6. Replace kJ/kg instead of kj/kg
7. Correct the data with units in table 3. (degree celisus )
8. What do you mean of A,B,C,D
9. Add the cycle on the Psychrometric chart
10. Add the data of the (3.4 Psychrometric Analysis) on a table, and add it on graph
11. You can add some of references that interested on the same field like (Experimental Investigation of a Condenser Air Humidity Effect on Superheated Degree of Compressor) , (Using Evaporative Cooling Methods for Improving Performance of an Air-cooled Condenser), (EFFECT OF BAFFLES GEOMETRY ON HEAT TRANSFER ENHANCEMENT INSIDE CORRUGATED DUCT), (PERFORMANCE IMPROVEMENT OF AN AIR-CONDITIONING SYSTEM DURING REFRIGERANT EVAPORATION), (Practical Investigation to Evaluate the Effect of Using Nanocomposite Layer Within Double-Glazing Evacuated Window in Reducing the Solar Heat Gain and the Cooling Load for a Residential Building in a Hot Arid Region)

Reviewer F:

Recommendation: Accept Submission

#### Comments to author

To assist the author in revising the manuscript, please provide your comments on the technical aspects. Please comment as much as possible to assist author to improve the manuscript.

### [Int. J. Automot. Mech. Eng.] New notification from International Journal of Automotive and Mechanical Engineering

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D

Dr. Mohd Yusof Taib <ijame1@umpsa.edu.my>  
to me ▾

Tue, Jan 7, 10:33 AM ☆ ↶ ⋮

You have a new notification from International Journal of Automotive and Mechanical Engineering:

There is new activity in the discussion titled "Revision submitted" regarding the submission "Thermodynamic Performance Analysis of a 2.5 kW Split Inverter Air Conditioning System using R-410A".

Link: <https://journal.ump.edu.my/ijame/authorDashboard/submission/10774>

International Journal of Automotive and Mechanical Engineering (IJAME)  
<http://journal.ump.edu.my/ijame>



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Keep it on the screen. If printing is necessary, please print it on both sides.

### Request for Correction, Proofread and Similarity Report

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D

Dr. Mohd Yusof Taib <ijame1@umpsa.edu.my> Unsubscribe  
to me ▾

Thu, Feb 6, 2:23 PM ☆ ↶ ⋮

Dear Author,

We have checked your submitted revised version of the manuscript, and we would like to request the following items:

- i) Correction for Table 1 and all Figures. Please use the attached manuscript with file name 10774\_VER.01.pdf. Kindly refer to the file "Example of Graph" in order to provide a good and presentable graph in the journal.
- ii) Correction on the citation in text.
- iii) Send the manuscript for proofreading
- iv) Similarity report (please take note that the similarity set by the journal is <20%)

Please submit the revised manuscript with item (iii) and (iv).

Regards,

Dr. Yusof

## Re: Revision for the figures

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**Dr. Mohd Yusof Taib** <ijame1@umpsa.edu.my>  
to me ▾

Thu, Mar 6, 4:15 PM ☆ ↶ ⋮

Dear Author,

Sorry for the late reply. It is a good idea to come out with a separate graph plot for each figure. For example, in Figure 8, you have three different graphs for TC, TB and TA. However, the graph line for TC and TB is not suitable due to some setting conditions or trends of your data.

I would like to recommend that you follow a continuous graph line like Figure 8 for graph TA. Change all the graphs into continuous lines and follow the graph presentation as on the latest submission (17-2-2024).

Regards,

Dr. Yusof

## Re: Revision for the figures

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**Mohd Fadzil Faisae Ab. Rashid via Penerbit UMPSA - Open Journal System** <ojsadmin@ump.edu.my>  
to me ▾

Mon, May 5, 2:02 PM ☆ ↶ ⋮

Dear author,

After reviewing your revised paper, especially the graphs, we would like to suggest to re-combine the graphs as in attachment. Please use different color to represent different set of data in the graph. We also would like to combine Figure 37 - 41 into a single figure. In addition, please make sure the number of figures does not exceed 20.

Thank you.

Reply to this comment at [#10774 Negara](#) or [unsubscribe](#) from emails sent by [International Journal of Automotive and Mechanical Engineering](#).

## Editor Decision

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**Mohd Fadzil Faisae Ab. Rashid via Penerbit UMPSA - Open Journal System** <ojsadmin@ump.edu.my>  
to me ▾

Tue, May 6, 2:17 PM ☆ ↶ ⋮

Dear Dr. I Gede Artha Negara:

We have reached a decision regarding your submission to International Journal of Automotive and Mechanical Engineering, "Thermodynamic Performance Analysis of a 2.5 kW Split Inverter Air Conditioning System using R-410A".

Our decision is to: Accept submission with conditions.

The acceptance is subject to the author(s) complying with the following:

1. Journal guidelines.
2. Language and grammar standards.
3. Figure quality and necessary permissions.
4. Similarity index and AI text generation regulations.
5. References formatting and accuracy.
6. Adherence to journal ethics.
7. Additional corrections, if required.

Our editor will contact you if any corrections are required before proceeding to the next stage.

Thank you.

## Pre-Copyediting Correction

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**Mohd Fadzil Faisae Ab. Rashid via Penerbit UMPSA - Open Journal System** <ojsadmin@ump.edu.my>  
to me ▾

Tue, May 6, 2:42 PM ☆ ↶ ⋮

Dear author,

Congratulations on the acceptance of your paper. Before the paper proceeds to the copyediting stage, there are a few corrections that need to be addressed to ensure that the presentation meets our publication standards. Here are some of the key points that require attention:

1. Title is suggested to be modified to improve clarity (e.g. Experimental Analysis of Thermodynamic Performance for 2.5 kW Split Inverter Air Conditioning Unit with R-410A)
2. Figure 13 – Please make the labels a,b,c. on the graph is editable to comply with our standard font
3. Please add Conflict of Interest, and Author's Contribution statements before References
4. Reference format – please check one by one manually – make sure each of the reference contain complete information. For journal reference, make sure they have volume number, issue, and page number. Use IEEE format. For other reference type, please refer to our journal website under author guidelines
5. A lot of grammatical errors were found in the paper. Some of it is highlighted on pages 1 and 2. Please submit the manuscript to be proofread by a professional proofreader, and send us the proofreading certificate. We strongly suggest the following proofreader: Ms. Farah ([metaoptimal@gmail.com](mailto:metaoptimal@gmail.com))

Please submit the revision within 2 weeks duration. All submissions must be made through the journal's online system, not via the editor's email, to avoid miscommunication.

For the reference, please provide complete reference information. The detail guideline can be refer to : <https://journal.ump.edu.my/ijame/authorsguide>  
Thank you.

## Your Article Proof External Inbox x



**Mohd Fadzil Faisae Ab. Rashid via Penerbit UMPsa - Open Journal System** <ojsadmin@ump.edu.my>  
to me ▾

Thu, Jun 5, 3:45 PM (10 days ago) ☆ ↶ ⋮

Dear Author,

Congratulations! Your article proofs are now ready. Please find attached the proofs of your article in PDF format. You will need to reply to this email for any necessary corrections:

- Please make sure the authors' names and sequence, and affiliations are correct.
- Please make sure the references are correctly cited.
- Please make sure that all figures are original to your work and have not been published elsewhere. Otherwise, the author is responsible for paying for the figure republishing license.
- Please proof the entire manuscript to ensure the intended meaning/statement is correctly conveyed

Please respond within THREE working days to ensure the manuscript can be published as scheduled.

Thank you for your contribution to the journal.

Kind regards,

Dr. M. Rashid