

[Review Form 2](#)

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|--------------------------|---|
| Book Name: | Current Approaches in Engineering Research and Technology |
| Manuscript Number: | Ms_BPR_2378 |
| Title of the Manuscript: | Experimental study on waste heat recovery system of an internal combustion engine using thermoelectric technology |
| Type of the Article | Book chapter |

PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|---|--|---|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | Waste heat from vehicle exhausts is a major concern in the automotive industry. Here are some of the issues that waste heat from vehicle exhausts can cause Global warming, heat Iceland effect and energy efficiency etc. However, modern vehicles, especially those with IC engines, have waste heat recovery systems that can capture heat from exhaust gases and use it to improve engine efficiency and power auxiliary systems. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Yes | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | Please specify the Specification of Thermoelectric Generator Module used in experimentation | |
| Are subsections and structure of the manuscript appropriate? | Yes | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part. | <ul style="list-style-type: none"> i) The manuscript should present a well-defined research question or hypothesis and outline clear objectives. This ensures that the study is focused and purpose-driven. ii) The research methods should be appropriate for addressing the research question. iii) The results should be presented clearly and objectively, with sufficient detail to support the conclusions. Figures and tables should be well-organized and accurately labeled. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Yes | |
| Minor REVISION comments | Yes | |
| Is the language/English quality of the article suitable for scholarly communications? | <ul style="list-style-type: none"> i) Please specify the Specification of Thermoelectric Generator Module used in experimentation ii) Observation table not included in Manuscript | |
| Optional/General comments | No | |

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PART 2:

| | | |
|---|--|--|
| | <u>Reviewer's comment</u> | <u>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</u> |
| <u>Are there ethical issues in this manuscript?</u> | <u>(If yes, Kindly please write down the ethical issues here in details)</u> | |

Reviewer Details:

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|---|--|
| Name: | Pradeep M. Solanki |
| Department, University & Country | KBC North Maharashtra University, India |