

**Review Form 3**

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|--------------------------|---|
| Journal Name:            | <b>Journal of Materials Science Research and Reviews</b>                                      |
| Manuscript Number:       | <b>Ms_JMSRR_121345</b>  |
| Title of the Manuscript: | <b>Effect of orifice diameter on combustion and emission of biodiesel supercharged engine</b> |
| Type of the Article      |   |

### Review Form 3

#### **PART 1:** Review Comments

| <b>Compulsory</b> REVISION comments   | <b>Reviewer's comment</b>   | <b>Author's Feedback</b> <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.                        | For the clean and green environment we need this type of experiments where we can change the orifice diameter for the engine  |  |
| Is the title of the article suitable?<br>(If not please suggest an alternative title)   | It should be "Experimental analysis of effect of orifice diameter on combustion and emission of biodiesel supercharged engine"  |  |
| 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.   | No suggestions  |  |
| Are subsections and structure of the manuscript appropriate?  | This manuscript is appropriate  |  |
| 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"> <li>• Experimental method should be clear and in brief.</li> <li>• Engine performance should be included in the graph like fuel consumption, brake thermal efficiency, Mechanical efficiency.</li> <li>• Conclusion should be in bullet point wise.</li> </ul> |  |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.   | Yes it is sufficient and recent   |  |
| <b>Minor</b> REVISION comments  |   |  |
| Is the language/English quality of the article suitable for scholarly communications?   | English quality could be better   |  |
| <b>Optional/General</b> comments  | nil   |  |

#### **PART 2:**

|  | <b>Reviewer's comment</b>  | <b>Author's comment</b> <i>(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)</i> |
|--|--|---|
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |

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**Reviewer Details:**

|                                  |   |
|----------------------------------|---|
| Name:                            | <b>Nitin Dubey</b>                                |
| Department, University & Country | <b>Madhyanchal Professional University, India</b> |