**SDI Review Form 1.6**

| | |
|---|---|
| Journal Name: | **Journal of Scientific Research and Reports** |
| Manuscript Number: | **Ms_JSRR_63907** |
| Title of the Manuscript: | **An overview of pre-ignition of hydrogen engine** |
| Type of the Article | **Review** |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/journal/10/editorial-policy )

**PART 1: Review Comments**

| | **Reviewer's comment** | **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)* |
|---|---|---|
| **Compulsory** REVISION comments | **This review manuscript foresees the pre-ignition in hydrogen-fueled IC engines. The topic is of interest to the development and improvement of IC engines. However, in the opinion, the manuscript at its present state requires a significant revision in terms of literature (fewer references cited) before being considered for publication. Some hydrogen-enriched SI engine studies can provide a good reference to this study. The authors can address some points from these studies to support this review article.**<br>• Shivaprasad, K. V., Rajesh, R., Anteneh Wogasso, W., Nigatu, B., & Addisu, F. (2018, June). Usage of hydrogen as a fuel in spark ignition engine. In *IOP Conference Series: Materials Science and Engineering* (Vol. 376, No. 012037, pp. 1-10).<br>• Shivaprasad, K. V., Chitragar, P. R., & Kumar, G. N. (2018). Effect of hydrogen addition on combustion and emissions performance of a high-speed spark ignited engine at idle condition. *Thermal Science*, *22*(3), 1405-1413.<br>• Chitragar, P. R., Shivaprasad, K. V., & Kumar, G. N. (2016). Use of hydrogen in internal combustion engines: A comprehensive study. *Journal of Mechanical Engineering*, *1*(3), 84-96.<br>• Shivaprasad, K. V., Chitragar, P. R., & Kumar, G. N. (2015). Experimental investigation of variations in spark timing using a spark-ignition engine with hydrogen-blended gasoline. *Energy Technology*, *3*(12), 1174-1182. | Thank you for your comment on my manuscript. I have read the articles you listed and amended my manuscript according to the comments you provided. Thank you again for your review and comments. |
| **Minor** REVISION comments | | |
| **Optional/General** comments | | |

**SDI Review Form 1.6**

**PART 2:**

| | **Reviewer's comment** | **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)* |
|---|---|---|
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | NO |