

Review Form 1.6

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_86614
Title of the Manuscript:	Studies of Aluminum and its alloys for sand mould casting Gating System.
Type of the Article	Case study

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:

(<https://www.journaljerr.com/index.php/JERR/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	<ol style="list-style-type: none">1. The title of Paper can reflect the A356 Alloy Instead of aluminium and its alloys as general.2. Literature survey 1-8 is represented instead quote separately.3. Eqn 2 to be represented in correctly instead it mention wrongly.4. Graphical representation is indicated for four model but the model represented as nine. Justify	<ol style="list-style-type: none">1) Title is modified as per the reviewer comments as "Studies of Aluminium A356 alloy for sand mould casting Gating system" in the modified manuscript.2) Modified as per reviewer comment in the revised manuscript.3) Corrected in the revised manuscript.4) All nine graphical representations is inserted in the revised manuscript.
Minor REVISION comments	<ol style="list-style-type: none">1. What optimization technique you have used is not indicated in the paper elsewhere?2. The author has done the experimental study they have done the software analysis only. It is mandatory that author should correlate their software analysis to any experimental data which is published anywhere or It should to be carryout by the author and it should be incorporated.	<ol style="list-style-type: none">1. To design this Taguchi method is used to harmonize the parameter . The parameter designed or number of factors to be studied are sprue shape (parallel and tapered), number of runner (one and two) and number of Ingate (three and four)..2. The experimental study is comprised with the theoretical study to validate the results
Optional/General comments	<ol style="list-style-type: none">1. All figures clarity to be improved except Fig.1 &22. English corrections to be done	The figure and English correction is done in a revised manuscript

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	