

Review Form 1.6

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_93926
Title of the Manuscript:	Optimization Analysis of Hardness Test for Powdered Pentaclethra Macrophylla Pod /Bio-Epoxy Resin Based Brake Pad Composite Using Central Composite Design.
Type of the Article	Research Article

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.journalcsij.com/index.php/CSIJ/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		
Minor REVISION comments	<p>Reviewer's comment This study, named " Optimization Analysis of Hardness Test for Powdered <i>Pentaclethra Macrophylla</i> Pod /Bio-Epoxy Resin Based Brake Pad Composite Using Central Composite Design", was conducted of explored the optimal design hardness of brake pad produced using powdered Pentaclethra Macrophylla Pod.</p> <p>In this study, literature information, methodology, design features and results are explained. However, expanding the literature section of the article and revising it in terms of grammar will be beneficial in terms of making the article more organized and effective. I recommend you to refer to the following articles, which I think will contribute to the article literature.</p> <ol style="list-style-type: none"> Güney, B., & Mutlu, İ. (2019). Tribological properties of brake discs coated with Cr2O3–40% TiO2 by plasma spraying. <i>Surface Review and Letters</i>, 26(10), 1950075. Güney, B., & Mutlu, İ. (2019). Wear and corrosion resistance of Cr2O3%-40% TiO2 coating on gray cast-iron by plasma spray technique. <i>Materials Research Express</i>, 6(9), 096577. MUTLU, İ., GÜNEY, B., ÜNAL, O. C., & KARTAL, Ö. (2019). 55TiO2-Cr2O3 Kaplamanın Frenleme Performansına Etkisinin Araştırılması. <i>Nevşehir Bilim ve Teknoloji Dergisi</i>, 1-15. Mutlu, İ., Güney, B., & Erkurt, İ. (2020). Investigation of the effect of Cr2O3-2% TiO2 coating on braking performance. <i>International Journal of Automotive Engineering and Technologies</i>, 9(1), 29-41. <p>Güney, B., & Mutlu, İ. (2017). Dry friction behavior of NiCrBSi-% 35W2C coated brake disks. <i>Materials Testing</i>, 59(5), 497-505.</p>	
Optional/General comments		

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>	

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