

Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_106347
Title of the Manuscript:	Synthesis and characterization of di-metallic zeolite Pt-Co composite as potential catalyst for reforming and hydro-sulphurization of gasoline
Type of the Article	Original Research Article

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Yes, increases the octane number in the gasoline compound by using different types of metals, and composite catalyst for reforming.</p> <p>2. yes</p> <p>3. The abstract is comprehensive.</p> <p>4. All the subsections and structures are appropriate.</p> <p>5. Composite materials in the gasoline compound to increase the percentage of octane number.</p> <p>6. References are not sufficient please include more recent literature work.</p> <p>7. FTIR Spectra values and the values reported in the manuscript do not match, like 3678, 3596, 3382, 3269, and 3236 cm^{-1}. Please check it and once again take the FTIR data.</p> <p>8. Highlighted points in the manuscript like unit ml- mL and $^{\circ}\text{C}$-$^{\circ}\text{C}$ to maintain uniformity.</p> <p>9. Composite materials carried out by hydrothermal method – Why you adopt this method and justify the answer.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>		

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

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