

Review Form 3

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_130597
Title of the Manuscript:	Effects of Process Parameters on Simultaneous Adsorptive Desulphurization and Denitrogenation of Crude Tire Pyrolysis Oil
Type of the Article	Research Article

PART 1: Comments

	Reviewer’s comment	Author’s Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	Very good but requires minor revision	The manuscript has been revised.
Is the title of the article suitable? (If not please suggest an alternative title)	yes	Thank you
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.	yes	Thank you
Is the manuscript scientifically, correct? Please write here.	Need to improve	The manuscript has been improved following the comments from the reviewers. Thank you.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No need to add following references 1.Sunil Kumar, K., Babu, J.M., Venu, H. and Muthuraja, A., 2022. Waste plastic as a source of biofuel for stationary diesel engine: a critical review. <i>International Journal of Ambient Energy</i> , 43(1), pp.8577-8591. 2.Sunil Kumar, K., Babu, J.M. and Venu, H., 2022. Performance, combustion and emission characteristics of a single-cylinder DI diesel engine fuelled with lotus biodiesel-diesel-n-butanol blends. <i>International Journal of Ambient Energy</i> , 43(1), pp.7941-7951. 3.Kumar, K.S., Surakasi, R., Patro, S.G.K., Govil, N., Ramis, M.K., Razak, A., Sharma, P., Alsubih, M., Islam, S., Khan, T.Y. and Almakayeel, N., 2024. Performance, Combustion, and Emission analysis of diesel engine fuelled with pyrolysis oil blends and n-propyl alcohol-RSM optimization and ML modelling. <i>Journal of Cleaner Production</i> , 434, p.140354. 4.Kumar, K.S., Alqarni, S., Islam, S. and Shah, M.A., 2024. Royal Poinciana Biodiesel Blends with 1-Butanol as a Potential Alternative Fuel for Unmodified Research Engines. <i>ACS omega</i> , 9(12), pp.13960-13974. 5.Kumar, K.S. and Muniamuthu, S., 2024. Design and fabrication of nickel-chromium reinforced 2-stage energy efficient pyrolysis reactor for waste plastics applications. <i>International Journal of Ambient Energy</i> , 45(1), p.2288148.	The suggested journals were helpful and some of them have been included in the manuscript. Thank you.

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Is the language/English quality of the article suitable for scholarly communications?	Yes Need to improve	The language of the manuscript has been improved.
<u>Optional/General</u> comments	Kindly remove Grammer mistakes using Grammarly software	The grammar mistakes observed has been removed. Thank you.

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