



**SDI Review Form 1.6**

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|--------------------------|------------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">Journal of Engineering Research and Reports</a>                                          |
| Manuscript Number:       | <b>Ms_JERR_42699</b>                                                                                 |
| Title of the Manuscript: | <b><u>EQUILIBRIUM, KINETICS AND THERMODYNAMICS OF THE BLEACHING OF PALM OIL USING NANDO CLAY</u></b> |
| Type of the Article      | <b>Original Research Article</b>                                                                     |

**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/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**PART 1: Review Comments**

|                                            | <b><u>Reviewer's comment</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b><u>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)</u></b> |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory REVISION comments</u></b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                             |
| <b><u>Minor REVISION comments</u></b>      | <ol style="list-style-type: none"> <li>1. It is recommended to include the % of bleaching efficiency and the values of the equilibrium results, furthermore, the thermodynamics properties in the abstract.</li> <li>2. Line 64. The clay was activated according to the method used by Onu and Nwabanne [10], instead of "The clay was activated according to the method used by [10]"</li> <li>3. It is recommended to describe the methodology of X-ray Fluorescence(XRF) in the materials and methods section.</li> <li>4. It is strongly recommended to improve the quality of the figures.</li> <li>5. The results discussion should be more professional in order to identify the responsible main factors of the bleaching process. In this way, you can use the kinetic and thermodynamic results.</li> </ol> | <u>The comments of the reviewer were identified and corrected</u>                                                                                                                           |
| <b><u>Optional/General comments</u></b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                             |