

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Chemical Sciences</a>
Manuscript Number:	Ms_AJOCS_81401
Title of the Manuscript:	Mineral Based Boards made from Lignocellulosic Wastes. Part 2. Chemical and Technological Properties
Type of the Article	Original 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:

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"> <li>1. Typeset errors must be corrected.</li> <li>2. Abstract: When we start the abstract, one should expect that to see what the problem is. This is currently missing.</li> <li>3. The research gap: the authors should elaborate further on the uniqueness of the paper. The present form does not have sufficient features and level of uniqueness expected.</li> <li>4. Literature review is not sufficient, try to include could more literature work regarding your work and Also, need more details about the Glass fiber, natural fiber and importance polymer composites, There is a paper published more recently, a review, that should be read and cited in the references.               <ul style="list-style-type: none"> <li>➤ Udhayasankar, R., Karthikeyan, B. and Balaji, A., 2020. Comparative mechanical, thermal properties and morphological study of untreated and NaOH-treated coconut shell-reinforced cardanol environmental friendly green composites. Journal of Adhesion Science and Technology, 34(16), pp.1720-1740.</li> <li>➤ Prabhu, P., Kumar, M.S., Iqbal, S.M., Balaji, A. and Karthikeyan, B., 2021. RESEARCH AND REVIEW OF CLAY AND GLASS FIBER REINFORCED POLYESTER NANOCOMPOSITE MATERIALS USING OPTIMIZATION TECHNIQUES. Surface Review and Letters, p.2250014.</li> <li>➤ Prabhu, P., Karthikeyan, B., Vannan, R.R.R.M. and Balaji, A., 2021. Dynamic mechanical analysis of Silk and Glass (S/G/S)/Pineapple and Glass (P/G/P)/Flax and Glass (F/G/F) reinforced Lannea coromandelica blender hybrid nano composites. Journal of Materials Research and Technology, 15, pp.2484-2496.</li> <li>➤ Balaji, A., Udhayasankar, R., Karthikeyan, B., Swaminathan, J. and Purushothaman, R., 2020. Mechanical and thermal characterization of bagasse fiber/coconut shell particle hybrid biocomposites reinforced with cardanol resin. Results in Chemistry, 2, p.100056.</li> <li>➤ Balaji, A., Saravanan, R., Purushothaman, R., Vijayaraj, S. and Balasubramanian, P., 2021. Investigation of Thermal Energy Storage (TES) with lotus stem biocomposite block using PCM. Cleaner Engineering and Technology, p.100146.</li> </ul> </li> <li>5. Improve the quality of figures 1, 2, and 3.</li> <li>6. Figure 2 has been updated to include the x-axis temperature and the y-axis weight loss.</li> <li>7. Instead, photographs of the final product of the composite will be more attractive if inserted at the end of the part of materials and method.</li> <li>8. The forthcoming researches and the suitable applications of the produced composite have to be included at the end of the article or in conclusions.</li> <li>9. Conclusions given here are almost similar to the Abstract. Hence these need to be suitably modified.</li> </ol>	

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<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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Department, University & Country	<b>A.V.C. College of Engineering, India</b>