

Review Form 3

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_121643
Title of the Manuscript:	Plant Fiber Constituents and Impact of Environmental Degradation on the Physical, Hardness and Thermal Properties of Banana-Sisal Fibre Hybrid Reinforced Epoxy Composites
Type of the Article	Simple but good

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>General 1)The above paper focuses on the (i) estimation of the constituents in the Banana and Sisal fibers ,(ii) Development of Banana –Sisal fiber based epoxy composites and (iii) look into the change of physical properties . namely :density , hardness , and thermal conductivity of the Banana –Sisal fiber based epoxy composites of different compositions after exposure to soil and environment. 2)Approach to developing the text for the paper with reasonable support is appreciable. Critical : 1)Title of the paper should be with one kind of spelling of “fiber”. 2)In introduction part the sentence made in reconnection with reference no 14 should be made clear. 3) Interpretation of density data of the developed composites after environment and soil exposure is not in line with the claim that environmental effect has created a pore in fiber. 4)The density reductions of the sample has been claimed in the conclusion that it is due to microbial action that needs to be supported by standard test data or strong literature data to this effect. 5)The cause of reduction of hardness of exposed samples in environment and soil is assigned to enzymatic effect without proper support data or literature.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Needs correction as indicated in comments</p>	
<p>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.</p>	<p>The introduction part needs some correction ,as highlighted above.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Appropriate.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The paper has been produced systematically with the needed support wherever needed. But in some cases as pointed above need either experimental data or strong literature view to support the claim by author . To support microbial action the test as per ISO 846 may be useful.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>This has been given in above comments.</p>	

Review Form 3

Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	acceptable	
Optional/General comments	The paper has its merits in terms of the data generated and justified except one or two cases.	

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>	

Reviewer Details:

Name:	Subhas Chandra Shit
Department, University & Country	Central Institute of Petrochemicals Engineering and Technology, India