

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_120448
Title of the Manuscript:	ANALYSIS OF COMFORT PROPERTIES OF MULBERRY SILK AND VISCOSE BLENDED KNITTED FABRICS FOR SUITABILITY IN CLOTHING IN TEMPERATE REGIONS
Type of the 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

Compulsory REVISION 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 few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	This manuscript is of great significance to the scientific community, especially researchers in the field of textile science and the clothing industry in temperate regions. In this study, mulberry silk and viscose-blended fibers are used in fabric production, emphasizing moisture management and thermal properties to enhance comfort properties. As a result, these findings help advance textiles that prioritize comfort, which improves consumer satisfaction and expands the functional and comfortable clothing market.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title specifically addresses the comfort properties of mulberry silk and viscose blended knitted fabrics for temperate regions. This manuscript provides a systematic analysis of comfort, although it would benefit from including more supporting data on sustainability. It is recommended that the revised title reflects this aspect as well.	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	In the abstract, the points are clearly stated and the language is clear. However, I recommend improving the sentence structure in the abstract by organizing it according to the importance, objectives, methods, and findings. Additionally, it would be beneficial to include future directions.	
Are subsections and structure of the manuscript appropriate?	The overall subsection of this manuscript is well-structured considering the scholarly works. However, the following sections rearranging would make the more robust and logical approach. <ol style="list-style-type: none"> 1. I recommend that the author consider incorporating the 2. objectives section at the end of the introduction, specifically in section 1. 2. In light of my review, I would like to recommend reducing or consolidating the number of tables, if possible. Currently, there are 8 tables, and it would be beneficial to streamline the readers. 3. The manuscript discusses the water permeability test (AATCC 22) and its analysis. However, based on my experience, there seems to be an error term. I am curious to understand how this test, which measures water repellency through a spray test, is similar to water permeability. 4. I noticed that (Fig.1) has a picture background that may hinder the overall professional appearance of the presentation. Additionally, I would suggest enhancing the test to provide stronger support for the work being presented. For example, tests like the single fiber strength test or the bursting strength of fabric can be conducted. 	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	The manuscript demonstrates a logical scientific approach within the specific field. Though, providing details on the statistical analysis of fabric comfort and incorporating appropriate scientific assessments would enhance the credibility of the claims. Herein I also have another suggestion to make the works more robust by considering more tests relevant to thermal properties like moisture management tests or absorbency tests of blended fibers.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. -	<ul style="list-style-type: none"> ❖ Could you please cross-check references according to the journal requirements and also updating? It is significant to include references with doi, pages, and year. ❖ I noticed references in the result sections. I suggest improving the citation of references based on scholarly works. 	
Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	In general, the article's language and English quality are appropriate for scholarly communication. Nevertheless, there are a few areas where the language could be further refined to enhance its clarity and professionalism. Some grammatical corrections and sentence rearrangements may be needed.	
Optional/General comments	The entire manuscript should undergo a thorough revision before being published, with particular attention given to the writing style and sentence structures.	

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PART 2:

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

Reviewer Details:

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