

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_111605</b>
Title of the Manuscript:	<b>Revolutionizing Guava Food Processing: A Fresh Perspective</b>
Type of the Article	<b>Review Article</b>

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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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<ol style="list-style-type: none"> <li>1. The manuscript titled "Revolutionizing Guava Food Processing: A Fresh Perspective" is significant for the scientific community. It delivers a systematic scrutiny of the contemporary developments, challenges, and opportunities in guava processing. The incorporation of cutting-edge techniques, sustainability practices, and value addition in guava processing makes this manuscript relevant for researchers, agricultural scientists, and food technologists. The study contributes valuable insights into the evolving landscape of guava processing, offering a fresh perspective that aligns with current global trends in sustainable and technologically advanced food production. The information presented in the manuscript has the potential to guide further research, innovation, and policy development in the field of tropical fruit processing.</li> <li>2. "Revolutionizing Guava Food Processing: A Fresh Perspective," is deemed appropriate. It effectually conveys the core theme of the research study, emphasizing the transformative changes in guava processing and the adoption of innovative approaches. The use of "Revolutionizing" and "Fresh Perspective" captures the essence of the study's focus on technological advancements and sustainability practices in guava food processing. The title is engaging and accurately reflects the content of the manuscript.</li> <li>3. The abstract of the article is comprehensive. It effectively summarizes the key aspects of the research study, including the shift in guava processing paradigms, the incorporation of technological advancements and sustainable practices, and the aim to enhance efficiency, quality, and sustainability. The abstract also mentions the exploration of novel methods and the vision for a transformative era in guava processing. The inclusion of keywords further helps in identifying the main focus areas of the study. The abstract provides a clear and concise overview of the research, making it accessible to readers seeking a quick understanding of the manuscript.</li> <li>4. The subsections and structure of the manuscript appear to be appropriate. The manuscript is well-organized and follows a logical flow of information. The clear delineation of sections, such as the introduction, guava as food, guava cultivation, guava processing in India, guava processing methods, guava processed products, marketing channels, challenges, and future prospects, contributes to the general legibility and understanding of the research study.  The use of subsections within these main sections, such as "Guava Pulp Processing Method," "Guava Processed Products," and "Marketing channels for processed guava products," enhances the lucidity of the content and allows readers to navigate through specific topics of interest easily.  The inclusion of tables and figures also adds visual representation to the information presented, aiding in the comprehension of statistical data and process flows.  The manuscript's structure seems well-designed to effectively communicate the research findings and insights to a diverse audience, including researchers, industry professionals, and policymakers.</li> <li>5. Based on the provided information in the manuscript, it appears scientifically sound. The content is consistent with established knowledge about guava, its cultivation, and processing. The manuscript integrates data, statistics, and information from reputable sources, such as the Food and Agriculture Organization of the United Nations (FAO), to support its claims and assertions. The manuscript also addresses sustainability practices,</li> </ol>	

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	<p>technological advancements, and the potential impact on the guava processing sector.</p> <p>6. The manuscript references which encompass the Food and Agriculture Organization of the United Nations (FAO) as a source, but it would be beneficial to include a more detailed list of references to support the scientific claims and findings presented in the research study. A comprehensive list of recent references from peer-reviewed journals, books, or other reputable sources related to guava cultivation and processing would strengthen the manuscript's credibility and academic rigor.</p> <p>Additionally, the manuscript could benefit from citing recent research studies or reviews on guava processing, agricultural practices, and advancements in food technology. Ensuring that the references cover a diverse range of perspectives and findings within the field of guava processing would further enhance the scientific robustness of the manuscript.</p> <p>While the existing reference to the FAO is a good start, expanding the list with a more diverse set of recent and relevant sources would contribute to the overall scholarly merit of the manuscript.</p> <p><b>Additional Comments/Suggestions</b></p> <p>The manuscript generally showcases a comprehensive exploration of the guava processing industry, and it is well-structured with a clear flow of information. Here are a few additional suggestions/comments to consider:</p> <ol style="list-style-type: none"> <li>1. Towards the end of the manuscript, consider summarizing the key findings and insights derived from the research. This can serve as a quick recap for readers and underscore the significance of the study.</li> <li>2. It would be valuable to briefly discuss any limitations or constraints faced during the research. Acknowledging limitations adds transparency and helps readers contextualize the scope of the study.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>1. The language and English quality of the article are generally suitable for scholarly communications. The manuscript is well-written with clear and coherent language, making it accessible to a broad audience. The use of scientific terminology is appropriate, and the information is presented in a professional manner.</p>	
<p><b>Optional/General</b> comments</p>	<p>The manuscript offers a well-structured and informative exploration of the contemporary shifts in guava processing. The document provides an in-depth overview of the significance of guava, its cultivation, processing methods, challenges, and the industry's evolution in India. The strengths of the manuscript lie in its comprehensive coverage of the guava processing industry, the integration of relevant data and statistics, and the exploration of sustainable practices and technological advancements. The inclusion of tables, figures, and a flow sheet enhances the clarity and visual appeal of the content. The manuscript holds promise as a valuable contribution to the understanding of guava processing, and these suggested improvements can further enhance its scholarly impact.</p>	

**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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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