

[Review Form 3](#)

Book Name:	Science and Technology: Developments and Applications
Manuscript Number:	Ms_BPR_4079
Title of the Manuscript:	Moderately Transparent Chitosan-PVA Blended Membrane for Strong Mechanical Stiffness and as a Robust Bio-Material Energy Harvester Through Contact-Separation Mode TENG
Type of the Article	Book chapter

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This Book'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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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Special note:

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Source Article:

This chapter is an extended version of the article published by the same author(s) in the following journal.

Frontiers in Nanotechnology, 2021

DOI: 10.3389/fnano.2021.667453

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PART 1: 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>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This research is arriving for research problem. I am founding that this research paper is innovative, creation and contribution of polymer composite. I may be known for some point. Please answer briefly.	
Is the title of the article suitable? (If not please suggest an alternative title)	Chitosan-Polyvinyl Alcohol Blended Membrane for Strong Mechanical Stiffness and as a Robust Bio-Material Energy Harvester Through Contact-Separation Mode TENG	
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.	Chitosan-PVA (Chs-PVA) blend films were prepared via layer-by-layer casting methods using chitosan(Chs) and polyvinyl alcohol (PVA) for generating power through mechanical induction through triboelectric nanogenerators.	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Is the language/English quality of the article suitable for scholarly communications?	There are some inappropriate English words or expressions in the manuscript. The authors should carefully polish the English of the whole manuscript.	
<u>Optional/General</u> comments		

PART 2:

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	Reviewer's comment	Author's comment (if agreed with the 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 detail)</i> No	
Are there competing interest issues in this manuscript?	Yes, some point are very interesting. Some facts are very innovative method.	
If plagiarism is suspected, <u>please provide related proofs or web links.</u>		

PART 3: Declaration of Competing Interest of the Reviewer:

Here reviewer should declare his/her competing interest. If nothing to declare he/she can write “I declare that I have no competing interest as a reviewer”

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PART 4: Objective Evaluation:

Guideline	MARKS of this manuscript
Give OVERALL MARKS you want to give to this manuscript (Highest: 10 Lowest: 0) <u>Guideline:</u> Accept As It Is: (>9-10) Minor Revision: (>8-9) Major Revision: (>7-8) Serious Major revision: (>5-7) Rejected (with repairable deficiencies and may be reconsidered): (>3-5) Strongly rejected (with irreparable deficiencies.): (>0-3)	Minor Revision: 8.5

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Editorial Comments (This section is reserved for the comments from book editorial office and editors):

	Author's Feedback

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Write 5-8 Keywords regarding expertise of Reviewer	Biopolymer composite, Polymer nanomaterial, Material Science, Nanomaterial, Composite