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| Book Name: | **Plasmas Afterglows with N2 for Surface Treatments synthesis 2024** |
| Manuscript Number: | **Ms\_BPR\_3686.25** |
| Title of the Manuscript:  | **Treatment of Textiles in Plasma Afterglow** |
| Type of the Article | **Book chapter** |

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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 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.** | **Why the author mentioned “In particular, this chapter reproduces the results obtained...”? This requires clarity. Research objectives of the work require clarity. Objectives have to be specific. Many research works have already been carried out to study the potential of plasma processes on sterilization of textile materials and investigation of influence of plasma on shrink-resistant properties of wool textiles.**  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **No. Title has to be specific.** **“Imparting functional properties on textiles by plasma treatment”**  |  |
| 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. | **No. It has to be modified as per the suggestions mentioned in the first comment section.** |  |
| **Are subsections and structure of the manuscript appropriate?** | **No. The chapter contents have to be structured as following:****Introduction – Materials and Methods – Results and Discussion – Conclusion with scope of the work - References** |  |
| **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.** | **Plasma treatment of wool, cotton and Polypropylene have been reported without mentioning the research purpose. Sterilization properties can be evaluated by using AATCC or ASTM standards. For testing of parameters applicable standards should be used. Conclusion should comprise of scope of the work. Conclusion should be written in such a way that it induces the readers to take up the work related to the research area.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Not sufficient. At least fifty references related to the work have to be quoted. Related references from current year can be quoted.** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | **Yes.** **In any scientific report, personal pronouns (we compile, we report…) should not be used.** |  |
| Optional/General comments | Figure and Table titles are lengthy.  |  |

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| **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?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** |
| Name: | **P.Senthilkumar** |
| Department, University & Country | **Psg College Of Technology, India** |