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| Book Name: | **Plasmas Afterglows with N2 for Surface Treatments synthesis 2024** |
| Manuscript Number: | **Ms\_BPR\_3686.1** |
| Title of the Manuscript: | **Plasma Electron Collisions and Optical Spectroscopy** |
| 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 minimumof 3-4 sentences may be required for this part.** | **I am interested to review this chapter because of high state energy study and plasma electrons can collide with neutral atoms and molecules, transferring some of their energy. This process can create resonance radiation or excite the atoms into higher energy states. Its impact on the energy sources and create a modern techniques to enhance efficiency and production devices.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Plasma Electron Collisions** |  |
| 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. | **-** |  |
| **Are subsections and structure of the manuscript appropriate?** | **Structure of the manuscript is correct and appropriate.** |  |
| **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 minimumof 3-4 sentences may be required for this part.** | **Data added in the manuscript is interested but some errors shown its impurity. Plasma based study robust the energy sources and imoprove modern research factors. Emmsisons of the electrons in plasma, produces high energy revolution.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Added more references last 5 years.** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | English sentence and grammer is not handled properly. Correct sentence and grammer. |  |
| Optional/Generalcomments | 1. **Improve resolution of the Figures. Current Figures are not publishable.** 2. **Equations of the manuscript added in screenshot. Added in written form mequations** 3. **Subscript of the manuscript is not handled properly.** 4. **Figure 27, some theoretical data added. Remove this data or write physically.** 5. **Figures collected from others published data, so add references in the Figures where neceassry.** 6. **Focuses on the modern study.** |  |

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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: | **Shoukat Hussain** |
| Department, University & Country | **KFUEIT, Pakistan** |