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| Book Name: | **Plasmas Afterglows with N2 for Surface Treatments synthesis 2024** |
| Manuscript Number: | **Ms\_BPR\_** **3686.8** |
| Title of the Manuscript:  | **Electron and Vibrational Distributions in N2 Flowing Discharges and Postdischarges at Reduced Gas Pressure** |
| 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.** | **The mentioned work is completely about experimental and theoretical results in a dc positive column. It is no where mentioned in the manuscript, the advantage and where to apply it.**  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **Yes** |  |
| **Are subsections and structure of the manuscript appropriate?** | **Yes** |  |
| **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.** | **Experimental setup is mentioned in the manuscript. In that case, add the snaps of the experimental setup. Fig.8.1 shows the block diagram only.**  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Only 1 recent reference was included. Few more latest references if available can be included for better understanding.**  |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | **The manuscript can be modified with easy understandable English. There are few grammatical mistakes.** |  |
| Optional/General comments |  |  |

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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:** | **V.Sowmyasree** |
| **Department, University & Country** | **Ashoka Women’s Engineering College (Autonomous), India** |