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| Book Name: | **Advancements in Science and Technology: Paving the Way to a Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_4465.7** |
| Title of the Manuscript: | **THE GREEN CHEMISTRY REVOLUTION: FROM PRINCIPLES TO PRACTICE** |
| Type of the Article | **BOOK CHAPTER** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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. A minimum of 3-4 sentences may be required for this part.** | The Manuscript that covers the concept of Green Chemistry evolution and understanding. It is being important topic for now and the future in the chemical industries and chemical educations. The Manuscript includes various parameter to understand and apply the knowledge for Sustainable Chemistry. |  |
| **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. | The 4th and 5th line in the abstract “generation of hazardous substances, hazards, waste, and the use of renewable resources.” Should include hazards or hazardous substances. Please remove one of the term as it has create interconnected meaning and I think it should be ignored. |  |
| **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.**  **-** | Page no. 63. In the “Case Study: Green Detergents”, Provide the reference in the description of third section, “Renewable Sources” as it is a case study. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | Here, I mentioned some corrections which are required for the Manuscript.    1. Justified the text for all main contents of the article.  2. The 8th and 9th line in the abstract “The chapter discusses the history of the development of Green Chemistry, its underlying principles, and how they can be applied in various industries, such as pharmaceuticals, agri-science, and energy” There is correction in the word “Pharmaceuticals, Agri-science, and Energy”. Please capitalize the words as required.  3. It is better to mention at least three keywords.  4. Page no. 63. In the third section Energy, it is better to describe by substantial illustration. |  |

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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: | **Juhi B. Upadhyay** |
| Department, University & Country | **Gujarat University, India** |