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| Book Name: | [**Engineering Research: Perspectives on Recent Advances**](https://www.bookpi.org/bookstore/product/engineering-research-perspectives-on-recent-advances-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_3941** |
| Title of the Manuscript: | **Design and Modeling of Brushless Doubly-Fed Reluctance Generator for Wind Mills** |
| Type of the Article | **Book Chapter** |

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| PART 1: 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. A minimum of 3-4 sentences may be required for this part.** | **This manuscript provides a detailed investigation into the design and modeling of a Brushless Doubly-Fed Reluctance Generator (BDFRG) tailored for windmills, a critical area in renewable energy systems. The content is highly relevant, offering insights into the application of advanced electrical machines in sustainable energy generation.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title "Design and Modeling of Brushless Doubly-Fed Reluctance Generator for Wind Mills" is appropriate. However, a slight modification could improve clarity** |  |
| 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 abstract effectively summarizes the key aspects of the research. However, it can be enhanced by:**   * **Including specific numerical results or findings to demonstrate the performance improvements of the BDFRG.** * **Mentioning any comparison with existing technologies or alternative designs.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, the manuscript appears to be scientifically robust and technically sound. It aligns with established methodologies for designing and modeling electrical machines. The equations and design parameters are logically presented, supporting the claims made. However, further experimental validation could strengthen the scientific merit of the work.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references provide a solid foundation, but some are slightly outdated. It is recommended to include more recent works (post-2020) to reflect the latest advancements in BDFRG technology and renewable energy systems.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript is written in clear and precise English, suitable for scholarly communication. Minor grammatical refinements can further enhance readability. |  |
| 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: | **T Vijay Muni** |
| Department, University & Country | **Koneru Lakshmaiah Education Foundation, India** |