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| Book Name: | [**An Overview of Literature, Language and Education Research**](https://www.bookpi.org/bookstore/product/an-overview-of-literature-language-and-education-research-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4463** |
| Title of the Manuscript: | **Effect of Computer Animations on Senior High School Students’ Academic Achievements in Rate of Reactions** |
| 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.** | This manuscript significantly contributes to the scientific community by providing empirical evidence on the effectiveness of computer animations in enhancing senior high school students' understanding of the rate of reactions, addressing a persistent challenge in chemistry education.  The study’s quasi-experimental design, incorporating both pre-test and post-test assessments, strengthens its validity and offers valuable insights for educators, curriculum developers, and policymakers on integrating technology-based instructional strategies to improve academic achievements in science subjects.  By demonstrating the positive impact of visual learning through computer animations, this research supports the broader movement toward digital pedagogy in STEM education, encouraging further exploration of multimedia tools for teaching complex scientific concepts. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Partially suitable.**  "Effects of Computer Animations on Senior High School Students’ Learning Outcomes in Chemistry: A Focus on Rate of Reactions" is an alternative title. |  |
| 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 the abstract of the article is comprehensive. It clearly states the research focus, provides methodology, summarizes the key-findings and concludes with an implication.  The abstract states that there was a statistically significant difference in post-test scores, but including the actual p-value or Cohen’s d would make it stronger. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The research article appears to be **scientifically correct** in its approach, methodology, and findings |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Seems sufficient.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | A final **proofreading** or **grammatical review** will enhance the clarity and professionalism of the manuscript. |  |
| Optional/General comments | The article presents a well-structured and scientifically sound study on the impact of computer animations in chemistry education, offering valuable insights into improving student learning outcomes. However, refining the language and addressing minor methodological limitations would enhance its clarity, credibility, and broader applicability. |  |

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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.V. Subrahmanyam** |
| Department, University & Country | **School of Computer and Information Sciences (SOCIS), Indira Gandhi National Open University (IGNOU), India** |