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| Journal Name: | [**Asian Journal of Education and Social Studies**](https://journalajess.com/index.php/AJESS) |
| Manuscript Number: | **Ms\_AJESS\_141905** |
| Title of the Manuscript: | **STUDENTS' DIGITAL LITERACY ABILITIES ASSOCIATED WITH ANALYTICAL ABILITIES IN CHEMISTRY LEARNING** |
| Type of the Article | **Original Research Article** |

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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** (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 contributes significantly to the field of education by exploring the intersection between students’ digital literacy and their analytical abilities in chemistry learning. The findings offer valuable insights for educators and curriculum designers aiming to integrate digital tools more effectively into science education. Moreover, the study encourages further research into the role of digital literacy as a mediating factor in enhancing analytical thinking across STEM disciplines. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | I suggest: The Impact of Digital Literacy on Students’ Analytical Thinking in Chemistry Learning or Exploring the Relationship Between Students’ Digital Literacy and Analytical Skills in Chemistry Education |  |
| 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. | Abstract is already quite strong — well-structured, informative, and clearly aligned with academic expectations. |  |
| Is the manuscript scientifically, correct? Please write here. | Ensure consistent formatting (e.g., decimals, labels). One table includes the phrase *“Very High Tall Currently Low Very Low,”* which needs revision — likely intended to say: *“Very High – High – Moderate – Low – Very Low.”.* Include visualizations (e.g., boxplots, histograms) to complement tables. Consider adding regression analysis if you wish to explore deeper influences |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are sufficient and recent. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Some sentences could be shortened or combined to remove redundancy.  Tightening phrasing helps readability. Example:  *“Further research is recommended to explore the role of digital literacy mediation in improving chemistry learning outcomes longitudinally.”*  Could become:  *“Future studies should examine how digital literacy mediates long-term improvements in chemistry learning outcomes.”* |  |
| Optional/General comments | The Article is fundamentally sound and scientifically valid, but refining its language, statistical clarity, and structure will greatly improve its suitability for publication. |  |

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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)* |  |

**Reviewer details:**

**Nikolina Ribaric, University of Split, Croatia**