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Book Name:	<a href="#">Mathematics and Computer Science: Research Updates</a>
Manuscript Number:	Ms_BPR_4236
Title of the Manuscript:	Cyber Hygiene in Higher Educational Institutes
Type of the Article	BOOK CHAPTER

**PART 1: Comments**

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>	This manuscript is highly relevant to the scientific community, particularly in the field of cybersecurity and education. It highlights the urgent need to promote cyber hygiene awareness within higher educational institutions, a sector increasingly targeted by cyber threats. The paper addresses practical strategies to mitigate risks, emphasizing their importance as the world transitions further into digital and hybrid learning environments. Additionally, by focusing on educational stakeholders, this research contributes to creating a safer ecosystem for sensitive data management, benefiting both the academic and broader digital community. Its comprehensive approach bridges cybersecurity best practices and actionable solutions, making it a valuable resource for further studies and applications.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The current title, "Cyber Hygiene in Higher Educational Institutes," is clear and relevant, but it could be made more specific or engaging to reflect the focus on awareness, practices, and solutions. <b>Suggested Alternative Titles:</b> 1. "Enhancing Cyber Hygiene Practices in Higher Education: Awareness and Implementation" 2. "Cyber Hygiene Strategies for Higher Educational Institutions: Protecting Stakeholders in the Digital Era" 3. "Cybersecurity Awareness and Hygiene in Academic Institutions: Challenges and Best Practices"	

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<p><b>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.</b></p>	<p>The abstract is informative but could be more comprehensive by clearly specifying the objective, methods, and key findings.          The abstract should be revised to clearly state the objective, methods, and key findings to make it more accessible to a wider audience. The section on cyber threats would benefit from the inclusion of statistical data or case studies to strengthen the claims and provide practical insights. Additionally, the discussions should be more closely tied to the presented data, emphasizing the impact on policies and practices in higher educational institutions. Updating the references with recent studies, particularly those conducted post-pandemic, would enhance the scientific foundation of the article. Finally, the conclusion should emphasize the key contributions of the research and provide clear recommendations for future studies and practical applications. This would improve the clarity, relevance, and impact of the manuscript.</p> <p><b>Suggested Additions:</b></p> <ol style="list-style-type: none"> <li>Objective: Explicitly state the primary aim of the paper. For example:</li> <li>This study aims to evaluate the implementation of cyber hygiene practices in higher educational institutes and their impact on mitigating cyber threats.</li> <li>Methods: Briefly describe the methodology or approach used in the research.</li> <li>The study is based on surveys conducted among students and staff in a reputed higher educational institute, supported by an analysis of existing policies and cyber threat data.</li> <li>Key Findings: Highlight the major findings or recommendations.</li> <li>Results indicate that awareness levels of cyber hygiene are moderate, and targeted training programs can significantly enhance digital security practices.</li> </ol>	
<p><b>Is the manuscript scientifically, correct? Please write here.</b></p>	<p>The manuscript appears to be scientifically correct, but there are areas where clarity and rigor could be enhanced to align with high scientific standards.</p> <p><b>Recommendations for Improvement:</b></p> <ol style="list-style-type: none"> <li>Expand Methodological Details:</li> <li>Include specifics about the survey sample (e.g., demographic details, sample size) and statistical methods used to analyze the data. For example:</li> <li>"The study surveyed 400 students and 50 staff members, analyzing responses using chi-square tests to identify patterns in cyber hygiene awareness."</li> <li>Enhance Data Presentation:</li> <li>Provide more granular insights into the results, such as percentages for each type of cyber threat awareness and its correlation with demographics.</li> <li>Strengthen Theoretical Foundation:</li> <li>Expand on the theoretical background, linking the findings to established cybersecurity frameworks or models.</li> <li>Address Limitations:</li> <li>Acknowledge the study's limitations, such as reliance on self-reported data or the focus on a single institution, to enhance transparency.</li> <li>Include Future Research Directions:</li> <li>Suggest areas for further study, such as evaluating the effectiveness of specific cyber hygiene training programs or exploring regional differences in cyber awareness.</li> </ol>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> :</p>	<p>The references in the manuscript are relevant but not entirely sufficient or up-to-date. Several references are from 2018 or earlier, and the rapidly evolving nature of cybersecurity requires more recent citations, especially postpandemic.</p> <p><b>Suggestions for Additional References:</b></p> <ol style="list-style-type: none"> <li>Recent Studies on Cyber Hygiene:</li> <li>Add studies from 2020 onwards discussing the rise in cyber threats during the pandemic, such as:</li> <li>Sharma, M., &amp; Sharma, S. (2021). "Impact of COVID-19 on Cybersecurity: A Systematic Review." Journal of Cybersecurity.</li> <li>Garcia, L. et al. (2022). "Cyber Hygiene in the Education Sector Post-COVID-19: Challenges and Recommendations." International Journal of Information Security.</li> <li>Education-Focused Cybersecurity:</li> <li>Include references focusing on cybersecurity in higher education institutions:</li> </ol>	

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	<p>7. JISC (2021). "Cyber Security Post-Pandemic: Challenges for Educational Institutions." (<a href="https://www.jisc.ac.uk">https://www.jisc.ac.uk</a>)</p> <p>8. NIST Special Publication 800-184. "Guide for Cybersecurity Event Recovery." (Updated in 2020).</p> <p>9. Case Studies or Frameworks:</p> <p>10. Incorporate case studies or practical frameworks for implementing cyber hygiene:</p> <p>11. "Improving Cyber Hygiene: A Framework for Higher Education Institutions." Computers &amp; Security, 2021.</p> <p>12. Global Reports:</p> <p>13. Use global cybersecurity reports to add weight: 14. ENISA Threat Landscape Reports (2021, 2022)</p>	
<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language quality of the article is generally understandable but requires improvement to meet the standards of scholarly communication.</p> <p><b>Suggestions for Improvement:</b></p> <p><b>1. Revise for Conciseness:</b></p> <p>1. Rewrite verbose sentences to make them concise while retaining key information.</p> <p>2. Example: "Education is one of the important sectors for dissemination of information on prevention of cyber-crimes and reiterated that students can act, as a force multiplier to create an ecosystem for cyber security and to prevent cyber-crimes" could be simplified to: "The education sector plays a critical role in disseminating information on cybercrime prevention and fostering a cybersecurity-aware ecosystem."</p> <p><b>2.Enhance Vocabulary:</b></p> <p>1. Replace generic terms with domain-specific terminology to enhance credibility. For example, use "mitigating cyber threats" instead of "staying safe online."</p> <p><b>3.Proofreading and Editing:</b></p> <p>1. Conduct thorough proofreading to eliminate typographical errors, grammar mistakes, and awkward phrasing.</p>	
<p><b>Optional/General</b>comments</p>	<p>The manuscript is relevant and addresses a critical topic in cybersecurity. However, it requires more methodological details, updated references, and improved academic tone. Strengthening data analysis and connecting discussions to findings will enhance its impact. The conclusion should emphasize contributions and future directions.</p>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

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